



S13.5

Solutions 13.5



1992

Ansell Lighting brand established in Belfast by Ansell Sales & Distribution for the Northern Ireland electrical wholesale market

1994

Release of first catalogue

2001

First Warrington trading month
£74,850 (August 2001)



2006

First Supplier of the Year Industry Award. Recognising product quality and customer service

2009

First patented product
(iCage - Fire Rated Technology)



2009

Ansell major expansion of Lighting Design department

1992

First trading month £70
(August 1992)

2004

First LED product released
(AWO/9LED/BLU)



2006

First £1,000,000 trading month
(October 2006)

2010

Ansell Lighting established in Dongguan City, Southern China



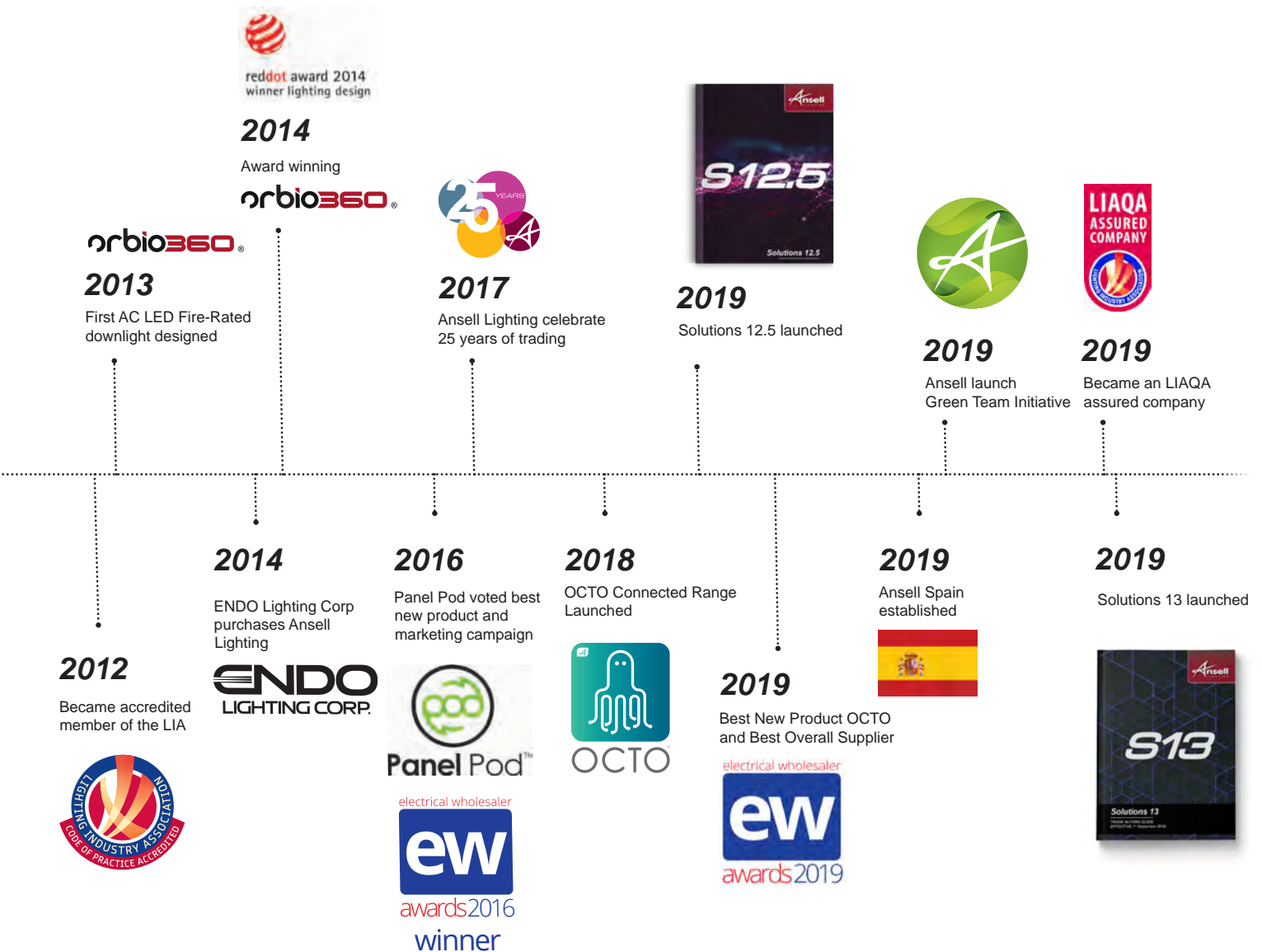
2001

Ansell Electrical Products established in Warrington, Cheshire for the electrical wholesale market throughout England, Scotland and Wales

2009

Ansell Electrical Products re-located to Stonecross Industrial Park, Golborne, Warrington to support continued expansion.





Ansell History



ENDO

LIGHTING CORP.

In 2014, Ansell Lighting was purchased by Endo Lighting Corporation of Japan as part of their global business expansion. Founded in 1967, Endo have been manufacturing luminaires for more than forty years with manufacturing facilities in Japan, Thailand and China.

Since 2008 luminaire manufacturing has been dedicated solely to LED products.



Japan

Endo Lighting Corp



Thailand

ENDO Lighting (Thailand) Public Company Limited



Singapore

ENDO Lighting SE Asia Pte.Ltd



Philippine

*ENDO Lighting (Thailand) Public Company Limited
Philippines Representative Office*



Pune

Endo Lighting Accessories India Pvt.Ltd



Beijing

Endo Trade (Beijing) Shanghai Co. Ltd



Vietnam

Endo Lighting Vietnam Co. Ltd



Endo Headquarters

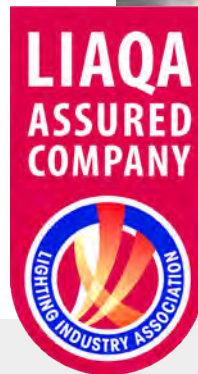
Osaka Japan



Ansell Testing Facilities

Considerable investment in our test facility ensures our products are fully compliant with all relevant regulations and standards. Comprehensive component and luminaire testing is undertaken to ensure the quality and long term reliability of every product manufactured.

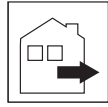
As an LIAQA-assured company and a member of the Lighting Industry Association (LIA), Ansell Lighting received during 2019, the coveted LIAQA award for our commitment to quality and we are proud of this recognition.



Easy Search Icon Guide



Suitable for
internal use only



Suitable for
external use only



Suitable for both
internal and external use



Fire Rated
Downlights



Product Warranty
as shown



iCage Lifetime
Guarantee



AC LED
Products



RGB Colour Change
LED Products



Ingress Protection
Rating



Impact Protection
(IK Rating)



Bathroom Zone 1
BS EN 7671:2008
Full details page 534



Bathroom Zone 2
BS EN 7671:2008
Full details page 534



Self-Test
Emergency



Self-Test
Emergency Option



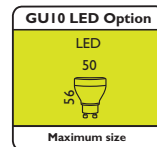
Italian Innovation
and Design



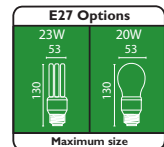
Surface Finish with the
Appearance of Wood



Low Carbon Stainless
Steel for Excellent
Corrosion Resistance



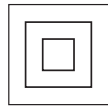
LED Energy Saving
Lamp Options



Energy Saving
Lamp Options



Class I
Luminaires with
Earth Connection



Class II
Luminaires with
Double Insulation



Class III
Luminaires with
Supply of Safety
Extra Low Voltage (SELV)



European Community
Conformity



Bluetooth Enabled



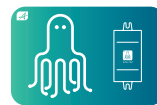
OCTO Compatible with
Smart Lamp



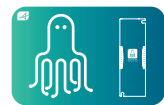
OCTO Compatible with
Smart Indoor controller



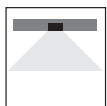
OCTO Compatible with
Smart Outdoor controller



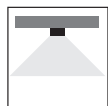
OCTO Compatible with
Smart RGBW controller



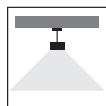
/OCTO option for OCTO
Integrated Driver



Recessed Mounting



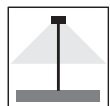
Surface Mounting



Suspended Mounting



Wall Mounting



Pole Mounting



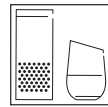
Selectable Colour
temperature via manual
switch



Tunable White selectable
colour temperature



RGB and Tunable
White selectable colour
temperature



Voice Control



CONTENTS

Designed to Deliver	08
Showrooms	10
New Product Overview	12

CONNECTED LIGHTING	16
--------------------	----

DISPLAY	60
---------	----

AMENITY	266
---------	-----

FLOODLIGHTING	408
---------------	-----

INDUSTRIAL	436
------------	-----

COMMERCIAL	462
------------	-----

EMERGENCY	496
-----------	-----

Technical Information	534
Product Name Index	546
Product Price Index	548
Terms & Conditions	558

Ansell Lighting App

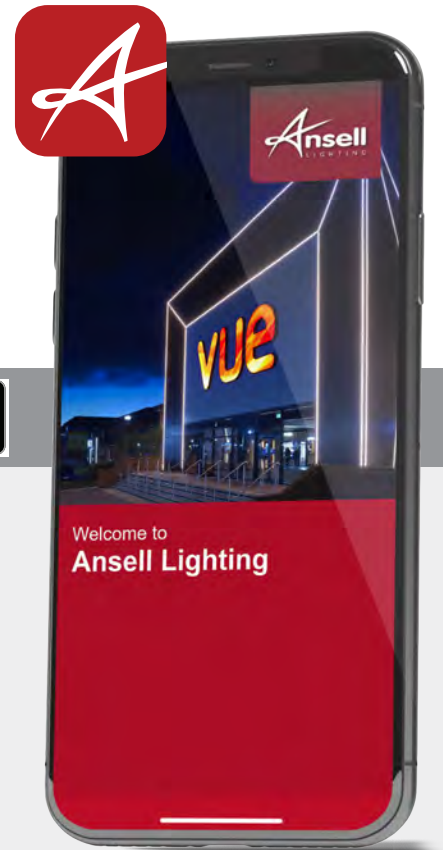
Available to download from



The Ansell Lighting App has been designed with ease of use in mind which enables our customers to access the information they need, wherever they are.

Our app takes the customer experience to the next level, offering a variety of useful features and a simple method of gaining access to information via your smartphone.

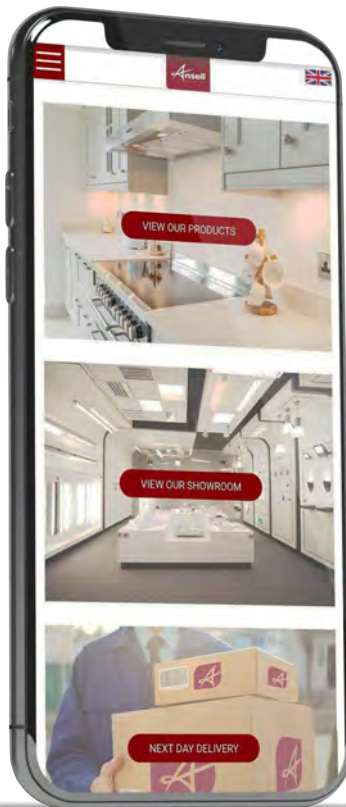
These features include things like our Ready Reckoner, Installation Inspiration or Energy Saving Calculator, with functionality that allows you to find the right product fast.



Ansell Website

The Ansell Lighting responsive website offers a high-quality, intuitive user experience and can be accessed via PC, tablet or smartphone. Navigation around the site is quick and easy with its improved search functionality makes finding exactly what you're looking for hassle-free.

Visit **www.anselluk.com** to find out more...



Follow us on Twitter
@Ansell_Lighting



Like us on Facebook
Search "Ansell Lighting"



Watch us on Youtube
Search "Ansell UK"



Follow us on Instagram
Search "Ansell Lighting"



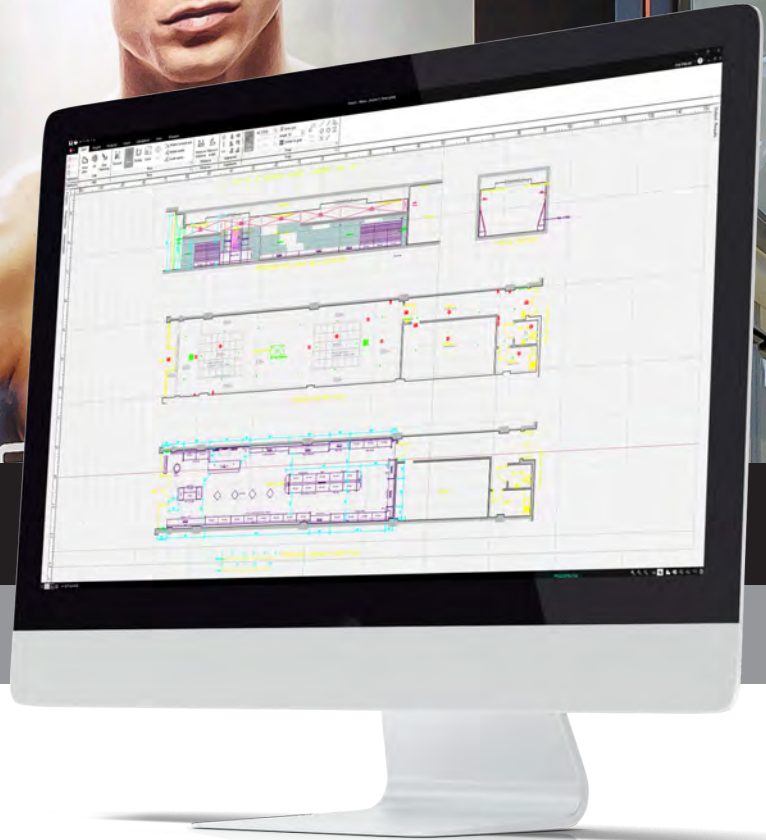
Like us on LinkedIn
Search "Ansell Lighting"

Lighting Design Service

RELUX® DIALux



ACCREDITED
SUPPLIER



Our design team have a comprehensive product knowledge, technical experience and creative talent that provides the perfect solution every time for interior and exterior project applications.

Utilising the leading Relux and DIALux design programmes, the team are able to provide three dimensional digital representations for each design including illuminance plots and colour images which provides a clear, precise and professional representation of the design.

“Ansell Lighting provided an LED lighting solution to upgrade our existing luminaires to LED at our Fire Service HQ. The performance of the products led to a significant reduction in energy costs and a massive overall improvement in the aesthetics and light levels of all offices throughout the premises. This provided a safe and efficient working environment, fully justifying our decision to trust the high quality LED lighting products from Ansell Lighting.



**GREATER MANCHESTER
FIRE AND RESCUE SERVICE**

Steve Mutch, Estates & Buildings Engineering Officer for GMFRS

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Designed to . . .

Deliver

Design

Continued investment in product design by our dynamic in-house team puts us at the forefront of LED lighting technology



Manufacture

An efficient and streamlined manufacturing facility ensures a thorough and responsive service to our customers.



Assembly

Our highly-skilled production team assemble a wide variety of high quality luminaires, continually providing customers with cutting edge lighting products.



Testing

All Ansell Lighting products are rigorously tested and fully compliant with European lighting equipment standards.



Next Day Delivery

Our staff have a wealth of experience in warehouse management, ensuring our products are despatched efficiently.

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Warrington

Product Display Area: 230m²



Visit our Showrooms

Our state of the art showrooms in Warrington, Belfast and Dublin are accessible to our wholesale customers, contractors, architects and consultants. Designed to provide visitors with detailed insight into our products and services, our showrooms showcase our luminaires in a professional, modern 'living' environment.

To book an appointment at any of the Ansell Lighting showrooms, please contact us at showroomenquiries@anselluk.com

"The showroom visit provided my team with an unrivalled opportunity to view and appreciate the true extent, quality and performance of the LED product range. We were very impressed with the knowledge and professionalism of the Ansell team".



Mark Watts, Director

Dublin

Product Display Area: 115m²



Try our VR Experience

Have you experienced our immersive VR showroom yet?

Our VR experience places you at the centre of our showroom, as well as in car showrooms, skate parks and gyms that enables you to view products in location. This allows those who are unable to visit one of our showrooms to experience the full effects of our lighting solutions first hand.



Belfast

Product Display Area: 200m²

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



New Product Overview

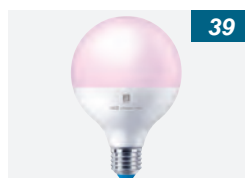
Connected Lighting



OCTO WiZ A60
Tuneable White Smart
Lamp



OCTO WiZ A60
RGBW Smart Lamp



OCTO WiZ G100
RGBW Smart Lamp



OCTO WiZ Venom
RGBW Flexible LED
Strip Kit



Prism Pro WiZ FRD



OCTO WiZ 400W
Indoor Controller
Retro-Connector



OCTO Smart High Bay
Racking Aisle
PIR Sensor



OCTO Smart High Bay
Open Area
PIR Sensor

Display



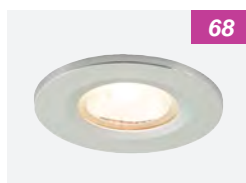
64

Prism Pro Wiz FRD



66

Prism Pro LED Fire Rated Downlight



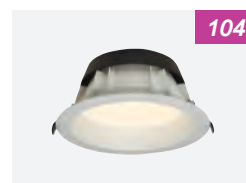
68

Prism Pro LED Fire Rated Downlight CCT Pack



69

Prism Pro LED Fire Rated CCT Gimbal



104

Comfort LED Tuneable White Downlight



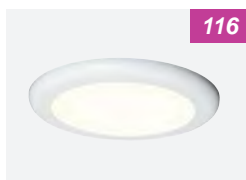
107

Comfort LED CCT Downlight



108

Comfort LED CCT HP Downlight



116

Anzo MultiLED CCT Adjustable Downlight



130

Hawk Universal Lithium Emergency Kit



163

Mini 24V Single Circuit Track



164

Unity Mini 24V Adjustable Trackspot Accessories



165

Single Circuit Unity Mini 24V Adjustable Trackspot



173

Single Circuit Low Profile Unity 1 LED Track



174

Single Circuit Low Profile Unity 2 LED Track



175-181

Single Circuit Unity LED Reflector Accessories



184

Compass LED Adjustable Projector Track



195-202

Three Circuit Unity LED Reflector Accessories



251

Gamma Mini LED CCT



253

Gamma LED CCT

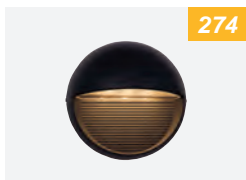
New Product Overview

Amenity



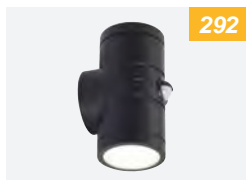
267

Reef LED CCT Surface Downlight



274

Kappa LED Warm White



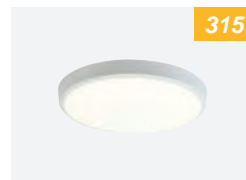
292

Reef LED CCT Bi-directional Wall Light



310

Eclipse MultiLED CCT



315

Gamma Mini LED CCT



317

Gamma LED CCT



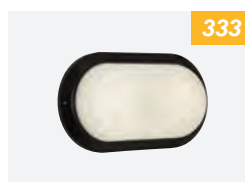
324

Astro LED CCT



325

Delta LED CCT



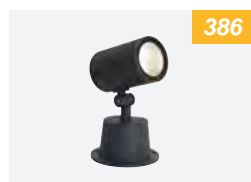
333

Sorrento 2 LED CCT



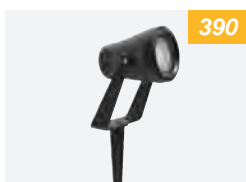
340

Mattone LED Uni-Bricklight CCT



386

Lazer LED Projector



390

Garda GU10 LED



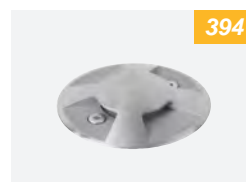
394

Turlock LED Inground Uplight 70 Warm White



394

Turlock LED 70 2-Way Mini Drive Over Cover Accessory



394

Turlock LED 70 4-Way Mini Drive Over Cover Accessory



396

Turlock LED Inground Uplight 95 Warm White



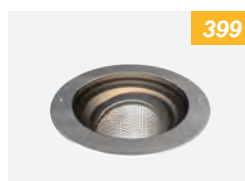
397

Turlock LED Inground Uplight 175 Warm White



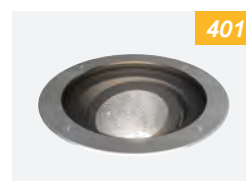
398

Turlock LED Inground Uplight 230 Warm White



399

Fresno LED Adjustable Inground Uplight 185



401

Fresno LED Adjustable Inground Uplight 270

Floodlighting



411

Orion Asymmetrical LED Floodlight



424-425

Eden LED Floodlight



426

Lynx Mini LED CCT Wallpack



427

Lynx LED Wallpack Warm White

Industrial



439

Z LED High Bay
Microwave Sensor
Programmer

Commercial



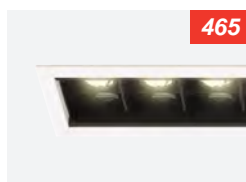
463

Vasco LED CCT
Bi-directional
Suspended Linear



464

Sidu LED
Pendant 1500mm



465

Eaves LED Recessed
Linear



469

Crescent LED Surface
Linear 1500mm



482

Endurance LED
1200x600 Surface
Mounting Frame



483

Endurance LED
1200x300 Surface
Mounting Frame

Emergency



506

EndLED Lithium
Black Exit Sign



511

Kestrel LED Suspended
Exit Sign



512

Razzo LED Lithium
Recessed Black
Exit Sign



528

Hawk Universal Lithium
Emergency Kit



OCTO™



Connected Lighting

17

Project

*Private Residential - Alderley Edge,
UK*



Orbio 360 LED

p62

Connected Lighting Service

OCTO is Ansell's premier connected lighting service providing our customers with tailored and personalised solutions. We don't believe that there's one connected technology that fits all. OCTO supports your smart lighting installation from initial project scope and planning, to lighting design, install, commissioning and aftercare.

The OCTO service ensures that we support you in implementing the best, connected solution for your projects using our 'multi-option technology' approach. With a range of products in our portfolio, we have carefully selected partners and scrutinised world-class technologies to ensure we offer you an industry-leading service.

We can support a range of requirements, from residential applications requiring voice control, commercial buildings that prioritise energy saving and support employee wellbeing, to a warehouse that requires space optimisation and efficiency dashboard data ... and much more!

With our continuous research, development and innovation, OCTO is constantly evolving to ensure we can offer revolutionary, forward thinking solutions for all our customers.



WiZ
CONNECTED

CASAMBI



WiZ Connected is the perfect solution for residential smart lighting

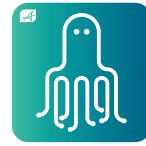


Casambi systems are the ideal solution for many high end residential, commercial and Industrial applications

Join the...



OCTO
GURU



OCTO
MASTER

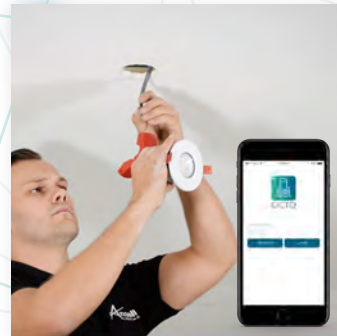
Programme Today!

Attend one of our introductory training sessions to learn more about the fantastic benefits of the OCTO connected solution. You will also receive your unique I.D key and access to the OCTO portal so you can start registering your OCTO installations and claiming rewards.

It could not be simpler with our easy to use app.



Step 1: Attend the OCTO introductory session where you will be given a unique I.D key



Step 2: Once you've installed OCTO register the installation via the app using your I.D key



Step 3: Login to your own OCTO portal and upload the invoice to verify



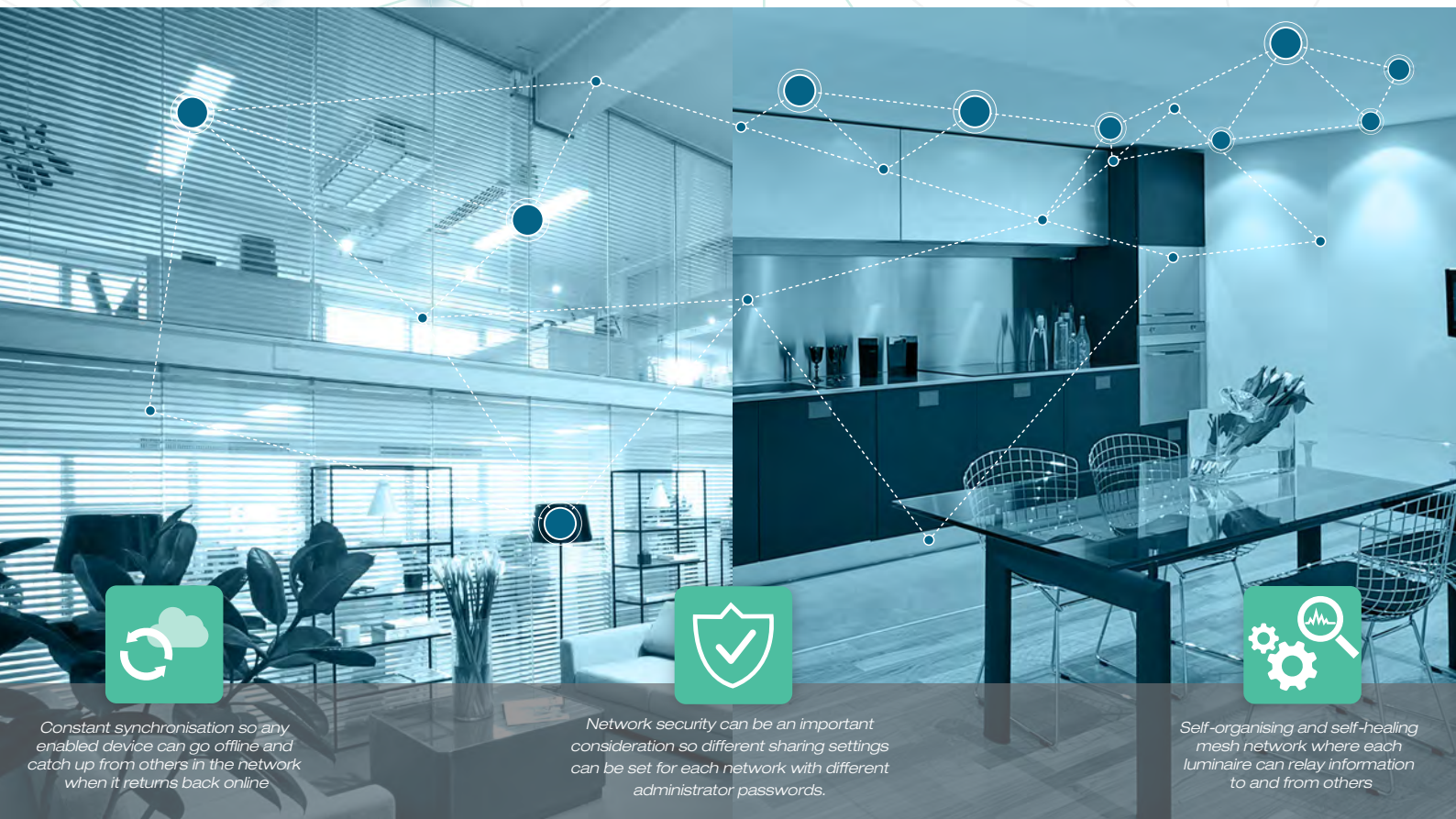
Step 4: Keep a track of your progress via the portal and claim your rewards

/OCTO - Smart control

Look out for the new /OCTO option in our catalogue, this allows a number of luminaires to be OCTO ready with the change of a driver and no need for the OCTO controller.

please see products listing on page 40

OCTO forms a proprietary mesh network where all system intelligence is replicated in each device, creating a network with no single points of failure.



Constant synchronisation so any enabled device can go offline and catch up from others in the network when it returns back online

Network security can be an important consideration so different sharing settings can be set for each network with different administrator passwords.

Self-organising and self-healing mesh network where each luminaire can relay information to and from others

Pairing and Networks



Pairing:

OCTO App will automatically find all OCTO enabled luminaires that are switched on

Grouping:

Control luminaires in a group together or as individual fittings

Scenes:

Lighting scenes and schedules create the perfect ambience for different occasions and needs

Network:

127 devices can be used per network, but there is no limit to the number of networks

Presence and Absence Detection

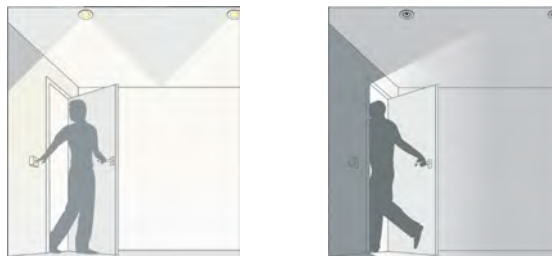
OCTO provides professional level control coupled with easy, intuitive commissioning. Functionality such as presence and absence detection - which reduces the amount of time the light is on. This can be set up effortlessly through the OCTO by Casambi App.

Absence Detection (Commercial)



Upon entering a room the person switches on the light as normal, but on leaving the detector switches off the lighting automatically. Lights can also be switched off manually

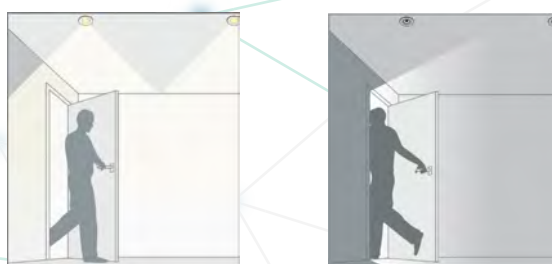
Absence Detection (Domestic)



Presence Detection (Commercial)



Presence Detection (Domestic)



Detectors will switch on lighting automatically when a person enters the room and switches off lighting automatically when no movement is detected

Daylight Harvesting

Daylight harvesting systems allow buildings to maximise natural lighting in the home/workplace, thereby reducing and increasing the artificial lighting as and when needed providing reduced energy consumption.

OCTO Smart PIR sensors can be used for Daylight harvesting to maximise energy savings



- Accurate 'real time' clock with battery back up when powered off
- Accurately times override ON or OFF
- Active or passive PIR occupancy switching
- Automatic daylight savings time (BST) correction with offset adjustment
- Automatic sunrise / sunset prediction. This feature can be remotely adjusted via the OCTO App.

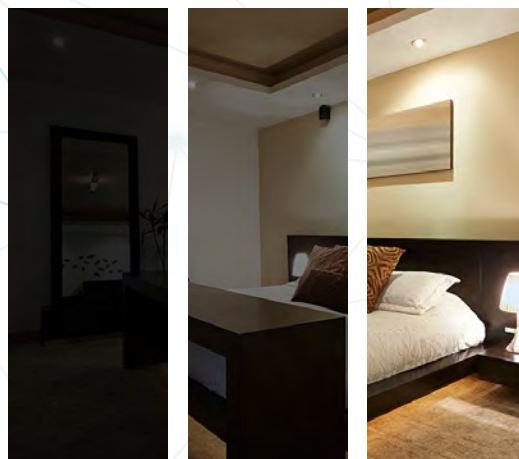
- Accurate 'real time' clock with battery back up when powered off
- Accurately timed override ON or OFF
- Active or passive PIR occupancy switching
- Automatic daylight savings time (BST) correction with offset adjustment
- Automatic sunrise / sunset prediction. This feature can be remotely adjusted via the OCTO App.
- LED indicator for presence recognition within its detection range (can be turned off).

Circadian Rhythm in lighting

When designing a space for optimum productivity, it is not uncommon to focus on the colours of the walls and the layout of the building, but lighting has the potential to help a person's natural circadian rhythm. The right lighting changes (in the right place and at the right time) can potentially result in people who are more focused and productive during the day and experience fewer sleep disturbances at night.

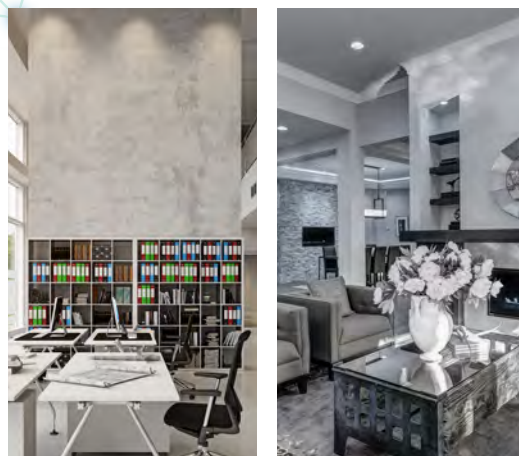
Waking Up: The Energy of Natural Light

Gradual changes in lighting intensity, colour spectrum and temperature (that mimic the changing sky during sunrise) may help maximise feelings of alertness when a person is first awake.



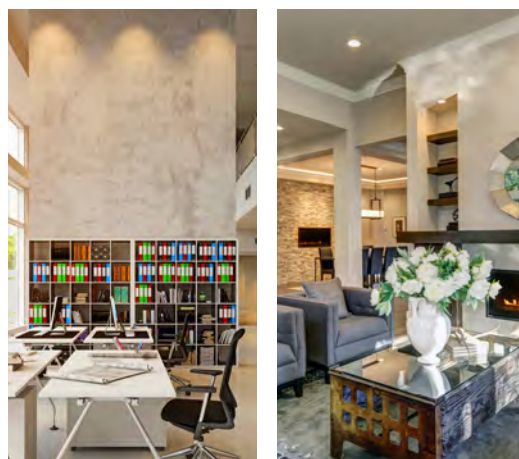
Focusing: The Power of Cool Light

Individuals exposed to cooler lights can feel alert, more productive and perform better on tests. Cooler lighting can help workers focus while in the office, whether they are working on computers, taking client calls or collaborating on intensive projects.



Winding Down: Warm Light and Creativity

This could be an optimal time to use lighting to help people solve creative challenges. Warm lighting can promote creativity during project meetings or client pitches and support problem solving as people think through complex challenges.



OCTO WiZ

Key Features...



WiZ
CONNECTED



- Full control via WiFi, mobile data networks, infrared remote or existing switches
- Advance voice control, works with Google Assistant, Amazon Alexa and Apple Siri Short cuts
- Integrates easily through cloud to most other connected systems
- Powerful multi-user system with three different access right tiers over multiple WiZ locations
- Multi-location allows full control from anywhere as long as there is an internet connection
- No hub needed, for smarter automation as WiZ lights are directly, constantly and reliably connected to the cloud
- Total flexibility with 64,000 shades of white, 16 million colours and preset well-being modes
- Security protection via anonymous sign in and encrypted cloud connections

**** OCTO WiZ is not compatible with any OCTO Casambi products****

OCTO - WiZ Connected



Mobile App



Voice Control



Scenes



Integrations



Schedules



Holiday mode

Multiple Locations



Turn your lights on in your home from your office and vice versa. You can even control your WiZ locations from as far away as the moon. As long as you've got internet access, you can do what you want to do with your lights – even when you're not physically there.

No Hub Needed



Each WiZ light has its own brain – a 32-bit MCU chip with WiFi – for smarter automation, as our lights are directly, constantly and reliably connected to the cloud for up-to-date preferences and settings without any dependency on a hub or bridge.

Multiple Users



We have a powerful multi-user system with three different access right tiers over multiple WiZ locations:

- Owners can change settings and control the lights in all their WiZ locations – as long as they have internet connectivity.
- Guests can enjoy control over lights when they are on the same WiFi network – but they will not be allowed to change any settings.
- Temporary guests have the same permissions as ordinary guests... but they will lose access after a certain time period that you get to set for them – each one can be different!



WIZ
CONNECTED

64,000
WHITES

Preset light modes



16 million
COLOURS

Preset Dynamic light modes



Advanced Voice Control



In the past, you had to get a smart speaker like Google Home, the Apple HomePod or Amazon Echo Dot before you could enjoy voice control capabilities with your lights...

...Now with Google Assistant and the newly released Siri Shortcuts on iOS 12, you can control your lights by talking to any smartphone. Whether you're at home with smart speakers or at work with your phone, you can use your lights with your voice.

All product names, logos and brands are property of their respective owners. Amazon, Alexa and all related logos are trademarks of Amazon.com Inc or it's affiliates. Google Assistant, the Google Assistant logo, Google Play and the Google Play logo are trademarks of Google LLC. The Apple logo is a trademark of Apple Inc., registered in the U.S. and other countries and regions. App Store is a service mark of Apple Inc.

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



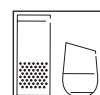


Designed to
Deliver...

WiZ

OCTO WiZ A60 Tuneable White Smart Lamp

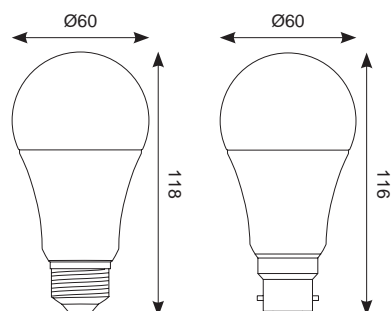
27



Voice Control



- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- Comparable output to a 60W Tungsten Halogen
- Fully dimmable from 10% to 100%
- Tunable white between 2700K - 6500K
- E27 and B22 base options available
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours



Lamp Information

Total (Watts)	8W
Lumens Delivered	806lm
CRI	Ra 90
CCT	2700-6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C



Code	Lamp	Description
AOCTOW/A60LED/TW/E27	E27	8W - LED Tunable White - E27
AOCTOW/A60LED/TW/B22	B22	8W - LED Tunable White - B22



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



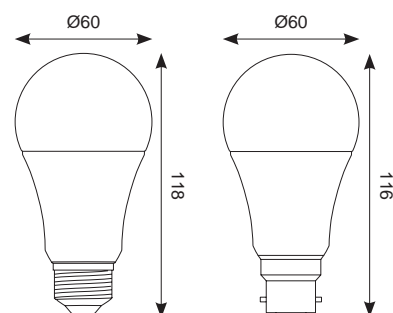
OCTO WiZ A60 RGBTW Smart Lamp



Voice Control



- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- Comparable output to a 60W Tungsten Halogen
- Fully dimmable from 10% to 100%
- E27 and B22 base options available
- Comparable output to a 60W Tungsten Halogen
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours



Lamp Information

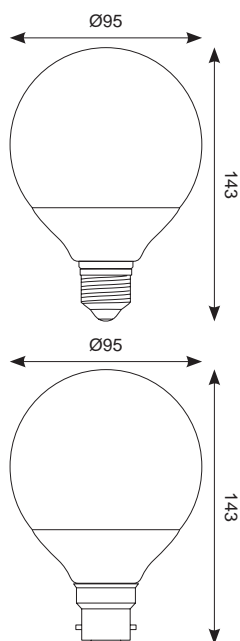
Total (Watts)	8W
Lumens Delivered	806lm
CRI	Ra 90
CCT	2700-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C

Code	Lamp	Description
AOCTOW/A60LED/RGBTW/E27	E27	8W - LED RGBTW - E27
AOCTOW/A60LED/RGBTW/B22	B22	8W - LED RGBTW - B22



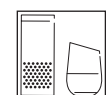
OCTO WiZ G95 RGBTW Smart Lamp

- Bluetooth and Wifi enabled smart lamp; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- Comparable output to a 60W Tungsten Halogen
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- E27 and B22 base options available
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- Lamp lifespan 25,000 hours



Lamp Information

Total (Watts)	11W
Lumens Delivered	1055lm
CRI	Ra 90
CCT	2700-6500K (RGB)
Input	220/240V
Hertz	50/60Hz
Operating Temp	-20°C - 45°C



Voice Control



29



Code	Lamp	Description
AOCTOW/G95LED/RGBTW/E27	E27	11W - LED RGBTW - E27
AOCTOW/G95LED/RGBTW/B22	B22	11W - LED RGBTW - B22



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



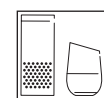
E OF COURAGE



Project - St Helens RFC
St. Helens, UK

OCTO WiZ Venom RGBW Flexible LED Strip Kit

31



Voice Control



- Bluetooth and Wifi enabled smart flexible LED strip kit; no need for Wifi hub
- Commissioned via WiZ App
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- RGB and Tunable white for total colour and comfort
- Fully dimmable from 10% to 100%
- 2m starter kit with additional 2m extender kit options available
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications
- LED lifespan 25,000 hours



OCTO

WiZ
CONNECTED



Lamp Information

Total (Watts)	30W
Lumens Delivered	2000lm
CRI	Ra 85
CCT	2700-6500K (RGB)
Input	24VDV
Operating Temp	-10°C - 45°C

Code	Lamp	Description
AOCTOW/VENOM/KIT/RGBTW	LED	RGBTW Flexible LED Strip Kit 2m
AOCTOW/VENOM/EXT/RGBTW	LED	RGBTW Flexible LED Strip Extension Kit 2m

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Prism Pro Wiz FRD

Supplied c/w Remote Driver



Voice Control



OCTO

WIZ
CONNECTED

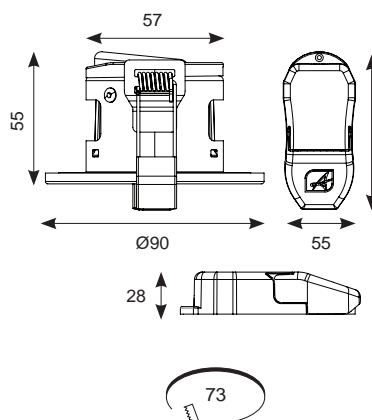


Easy wiring access



Matt White Bezel fitted as standard

- 220-240V IP65 LED WiZ enabled tunable white Fire Rated Downlight
- Supplied with matt white bezel as standard
- Tunable between 2700K - 6500K via Wiz App and voice control
- Remote driver with 2x1.5mm² + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours



LED Information

Total (Watts)	8W
Lumens Delivered	
2700K ↔ 6000K	
573lm ↔ 547lm	
Lm/W	
2700K ↔ 6000K	
82lm ↔ 78lm	
Beam Angle	60°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

Code	Lamp	Description
APRILEDP/OCTOW	LED	8W - Tunable White





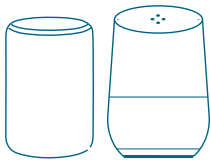
OCTO

WiZ
CONNECTED



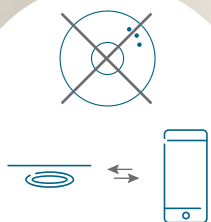
WiFi and Bluetooth

Two protocols for versatility with a range of accessories and commissioning. Added reliability if one protocol connection is lost the other will allow normal use.



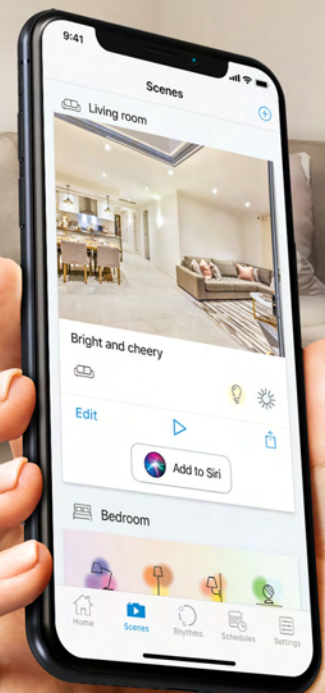
Advance Voice Control

Full voice control with smart speakers and now with Google Assistant and Siri Shortcuts on iOS 12, have full control of your lights by talking to any smartphone.



No Hub Needed

32-bit MCU chip provides smarter automation, as WiZ lighting is directly, constantly and reliably connected to the cloud there is no dependency on a hub or bridge.



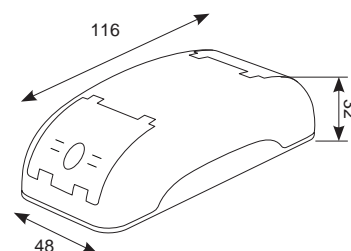
OCTO WiZ 400W Indoor Controller Retro-Connector



Voice Control



- Bluetooth and Wifi enabled indoor controller; no need for Wifi hub
- Can be used to control a group, sub groups or individual luminaires
- Commissioned via WiZ App
- Universal retroconnector ON / OFF, Phase / Triac dimming, 0-10V and 1-10V dimming
- Voice activated compatibility; offers hands-free controls, perfect for domestic and commercial properties
- Future proofed free software and firmware updates
- Fully dimmable from 10% to 100%
- Group, scene, holiday and timer settings achieved via WiZ App
- Suitable for indoor applications
- Bluetooth wireless mesh ensures reliable and fast operation



Code

Description

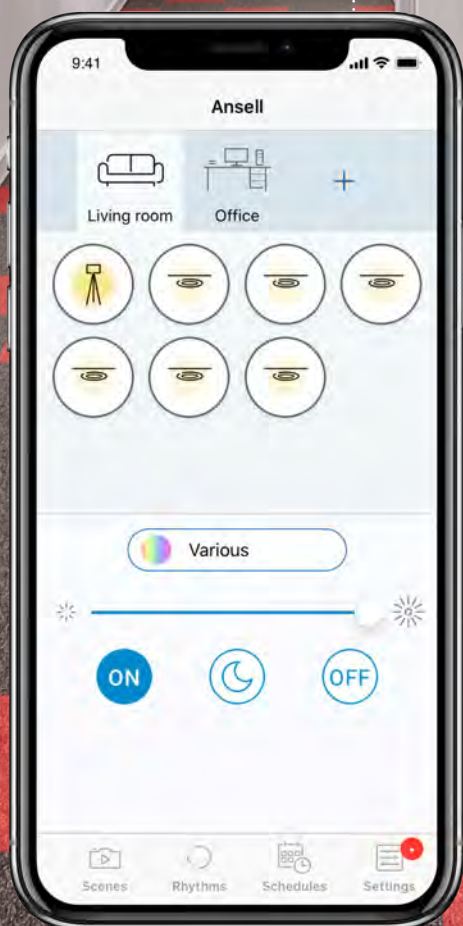
AOCTOW/IC/400

400W - Indoor Controller Retro-Connector

Output	220W @ 110V 440W @ 220V
Input	100V-240V
Hertz	50/60Hz
Operating Temp	0°C - 40°C



1



* OCTO WiZ Indoor Controller
Retro-Connector

- Commissioned via WiZ App
- Full control via WiFi, mobile data networks, infrared remote or existing switches
- Advance voice control, works with Google Assistant, Amazon Alexa and Apple Siri Short cuts
- Universal retroconnector ON/OFF, Phase / Triac dimming, 0-10V and 1-10V dimming
- Fully dimmable from 10% to 100%

1 Circuit = 1 Controller

** Range is dependent on surroundings and obstacles, such as walls and building materials. **

OCTO Casambi

Key Features...

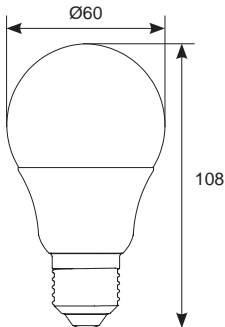


- Easy to use, wireless controllable lighting system
- Intuitive operation and set-up via a smart device
- No need for an external gateway device
- Automatically forms a fast-wireless mesh network
- Nearby OCTO powered by Casambi devices are clearly seen and added.
- Device firmware can be updated over the air
- Cloud services enhances user experience
- Smart lighting control switches can be easily added to the OCTO powered by Casambi system
- OCTO App is compatible with some key dimming and colour control commands for the Philips Hue system

**** OCTO Casambi is not compatible with any OCTO WiZ products****

- Bluetooth enabled smart lamp
- Commissioned via OCTO App
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- CCT control from 2200K to 6900K
- Fully dimmable from 1% to 100%
- Comparable output to a 60W Tungsten Halogen
- Group and scene settings achieved via OCTO App
- Suitable for indoor applications in dry rooms, professional use in public buildings and outdoor use in specially shielded luminaires
- LED lifespan L70 25,000 hours

CASAMBI
Enabled



Lamp Information

Total (Watts)	8W
Lumens Delivered	560lm
Beam Angle	150°
CRI	Ra 95
CCT	2200-6900K
Input	220/240V
Hertz	50/60Hz



Code	Lamp	Description
AOCTOBT/8W/E27	E27	8W - 2200K-6900K
Accessories AOCTOBT/ADAPTOR/B22	E27 to B22 Adaptor	

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



OCTO Indoor Controller

38



- Push-fit loop-in, loop-out terminals for ease and speed of installation
- Screw-less design
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Intuitive fast operation from a smart lighting App
- Future proofed free software and firmware updates
- Can be used to control a group, sub groups or individual luminaires
- Settings easily commissioned by a smart device
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices: 15m internal, 30m external**

NB

The indoor and outdoor OCTO Controllers are designed to operate Triac dimmable LED luminaires and LED light sources, however consideration must be given to PFC (Power Factor Correction) which can affect the final loading. Please refer to instructions for further details.

Wiring Configuration

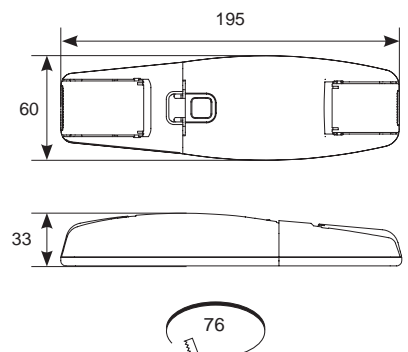


Installation Method



Powered by

CASAMBI



Code	Description
AOCTO/IC/50	150W - Smart Controller
AOCTO/IC/200	200W - Smart Controller

Output	150W 200W
Input	220V-240V
Hertz	50/60Hz



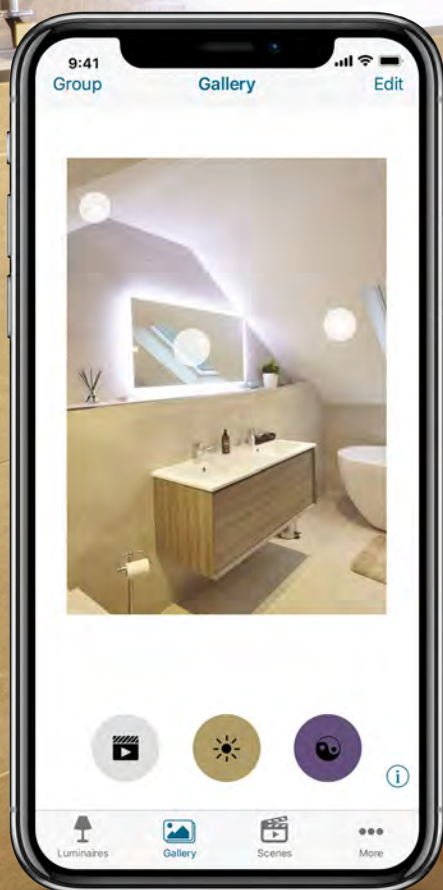
1

* Circuit 1 - OCTO indoor controller

- Allows full control of all fittings connected to the network
- Scene setting to create a fitting atmosphere
- Holiday mode settings
- Compatible with Indoor wireless smart switch
- Easy installation / retrofit ready

2

1



* Circuit 2 - OCTO indoor controller

- Turn on/off, dim or *adjustable colour temperature
- Timer functionality with built in sunrise and sunset app setting
- Control from anywhere depending on Wi-Fi connection

**Colour temperature may only be adjusted with compatible Smart Lamps/Luminaires*

1 Circuit = 1 Controller

** Range is dependent on surroundings and obstacles, such as walls and building materials. **

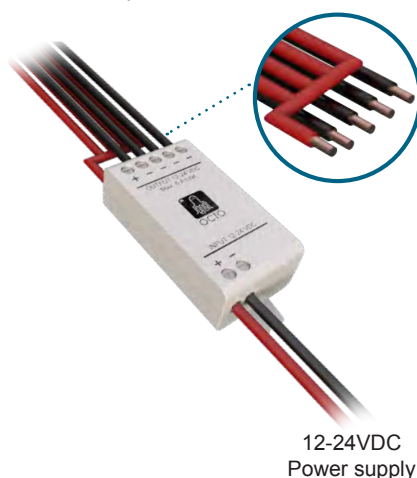
OCTO Indoor CCT/RGBW Controller



Wiring Configuration for RGB



Wiring Configuration for 1-4 Separate white channels



Code

Description

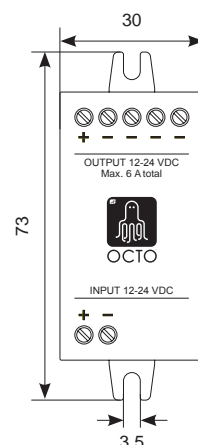
AOCTO/RGBW/BTC

12-24V Single CCT/RGBW Controller

- 12-24V bluetooth smart controller
- Compatible with Krait, Boa, Adder and Cobra LED strip p.230-237
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Option to use externally within a waterproof enclosure
- Timed colour alert or changes for different daily events
- Initial start up provides the user with options for RGBW, RGB, Tunable White and single colour
- Shared/common positive output with 4 negatives outputs allow for 4 channel control
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Settings easily commissioned by a smart device via the OCTO app
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices: 15m internal, 30m external**
- **12-24V constant voltage LED driver:**
 - AD30W/12V
 - AD75W/12V
 - ADK15W/24V
 - ADK60W/24V
 - ADK120W/24V

Powered by

CASAMBI



Max. Wattage	72W - 12V 144W - 24V
Output	6A Max.
Input	12-24VDC



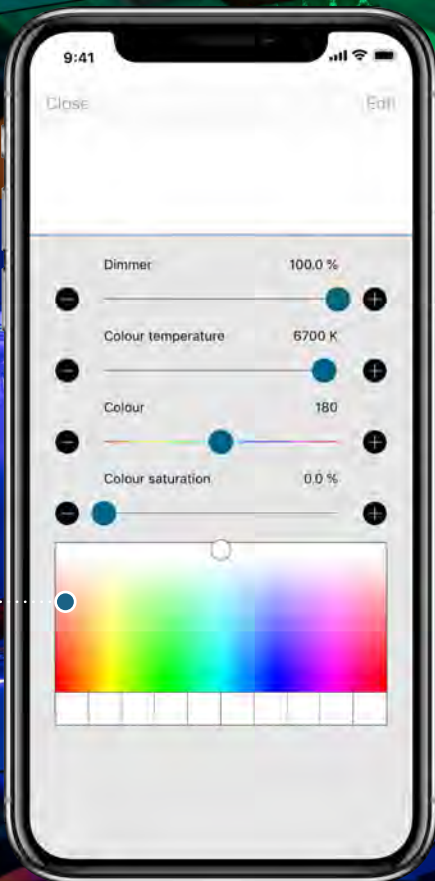
** Range is dependent on surroundings and obstacles, such as walls and building materials. **

41

1

1

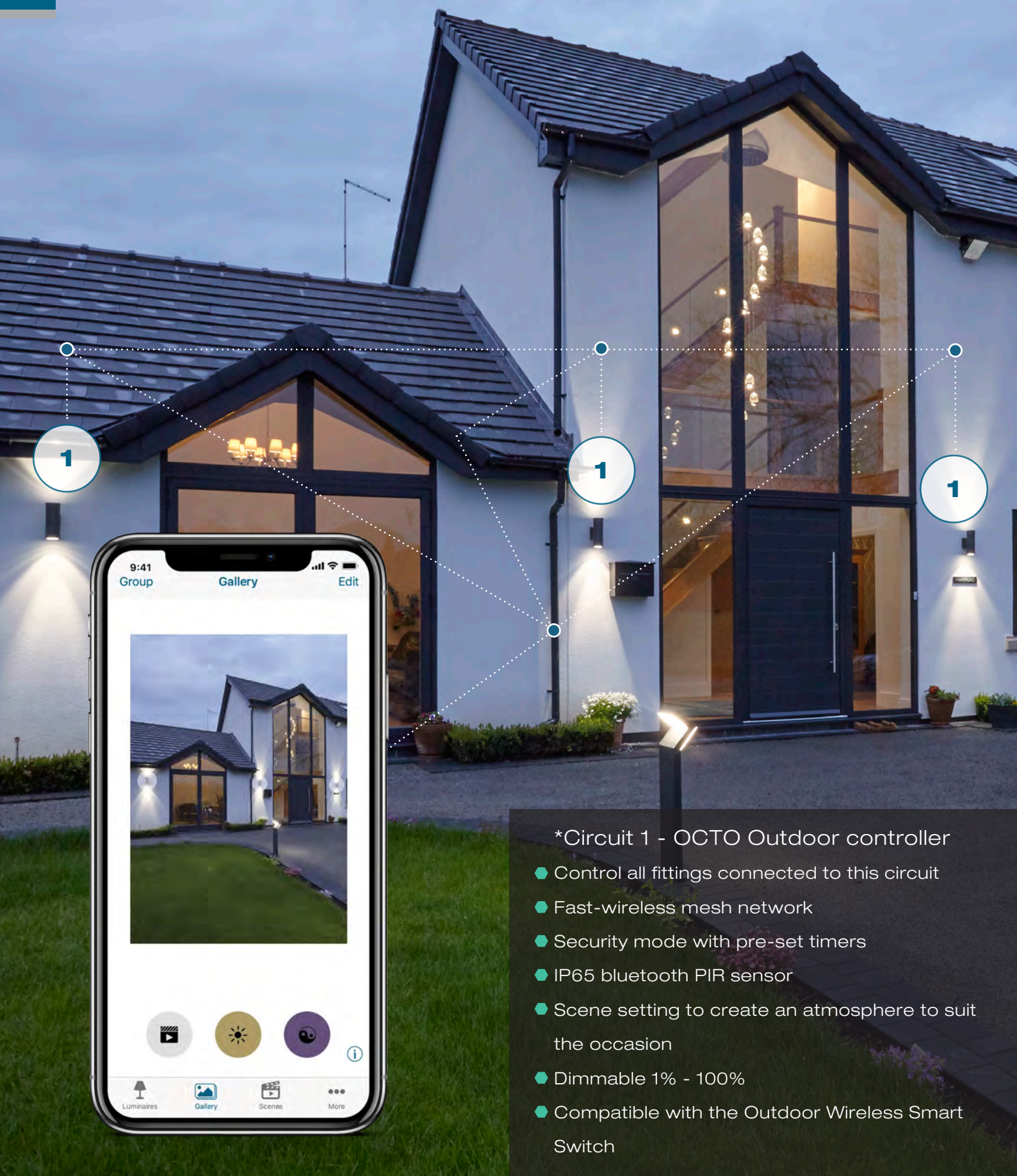
1



* Circuit 1 - OCTO indoor RGBW controller

- Scene setting to create a fitting atmosphere
- Compatible with all other bluetooth OCTO devices
- Easy installation / retrofit ready
- Full RGBW colour palette via app
- Wireless colour synchronisation

1 Circuit = 1 Controller



*Circuit 1 - OCTO Outdoor controller

- Control all fittings connected to this circuit
- Fast-wireless mesh network
- Security mode with pre-set timers
- IP65 bluetooth PIR sensor
- Scene setting to create an atmosphere to suit the occasion
- Dimmable 1% - 100%
- Compatible with the Outdoor Wireless Smart Switch

1 Circuit = 1 Controller

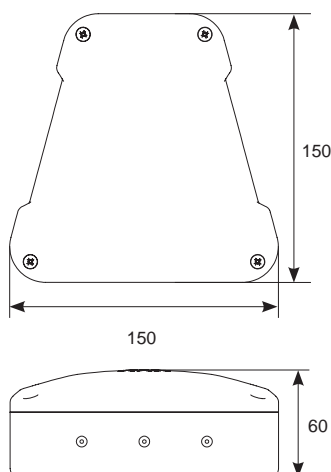
** Range is dependent on surroundings and obstacles, such as walls and building materials. **

- Control outdoor lighting from smart device
- Heavy duty screw connections suitable for SWA / outdoor cable types
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Detachable connector block to aid connection of stronger cable types
- Waterproof with IP66 rating
- Robust polycarbonate casings for outdoor use. UV stabilised
- Intuitive fast operation from a smart App
- Can be used to control a group, sub groups or individual luminaires
- App commissioning includes full control, dimming, scene setting and pre-set timer
- Bluetooth wireless mesh ensures reliable and fast operation. Range between devices: 15m internal, 30m external**

NB

The indoor and outdoor OCTO Controllers are designed to operate Triac dimmable LED luminaires and LED light sources, however consideration must be given to PFC (Power Factor Correction) which can affect the final loading. Please refer to instructions for further details.

Powered by
CASAMBI



Output	200W
Input	220V-240V
Hertz	50/60Hz



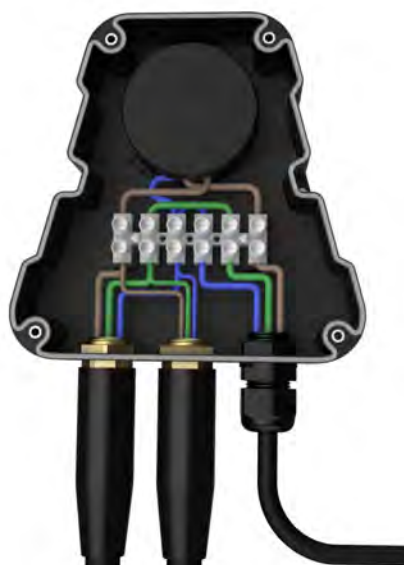
OCTO Outdoor Controller



43



Wiring Configuration

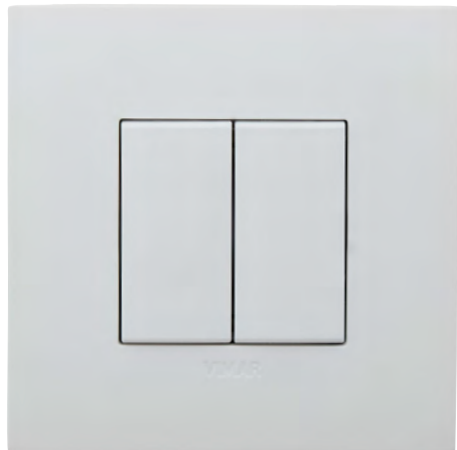


Code	Description
AOCTO/OC/IP65/200	200W

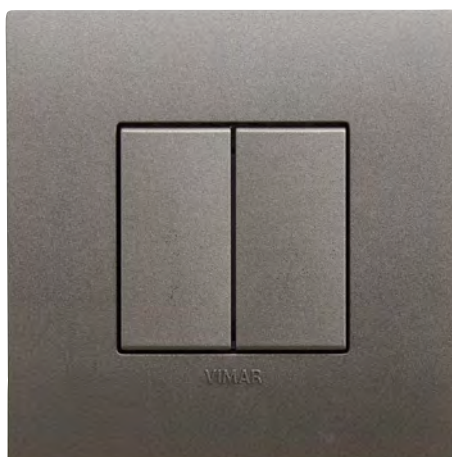
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



OCTO Indoor Wireless Architectural Smart Switch



AOCTO/WS/W



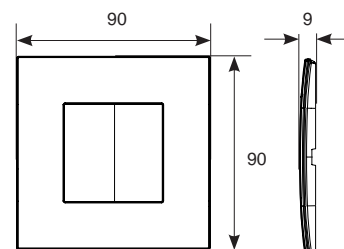
AOCTO/WS/M



AOCTO/WS/B

- Double rocker wireless wall switch
- High grade technopolymer construction available in 3 finishes:- white, metallic and black
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released

CASAMBI
Enabled



Code	Description
AOCTO/WS/W	Indoor Wireless Switch - White
AOCTO/WS/M	Indoor Wireless Switch - Metallic
AOCTO/WS/B	Indoor Wireless Switch - Black



OCTO Indoor Wireless Smart Switch

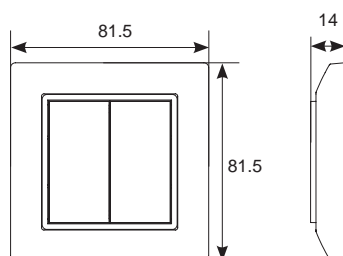


45

- Double rocker wireless wall switch
- Electro-dynamic energy generator, maintenance free
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Range - within one room up to 10 metres line of sight
- Double-sided mounting film enclosed screwing onto a flat surface
- Double rocker with medial position, pressed/released



CASAMBI
Enabled



AOCTO/BT/WS



Code	Description
AOCTO/BT/WS	Indoor Wireless Switch

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



OCTO Indoor Wireless Xpress Smart Switch



AOCTO/XP/WS/B



- Multifunctional 4 way bluetooth enabled smart switch
- Settings easily commissioned by a smart device via the OCTO app
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Integrated magnets ensure easy attachment to mounting bracket (mounting bracket supplied with switch)
- Range - within one room up to 30 metres line of sight



Corner illumination indicates which preset button is active



AOCTO/XP/WS/W



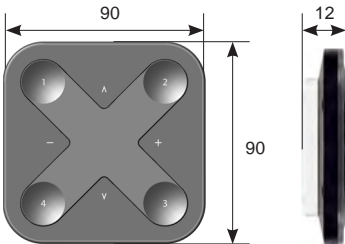
4 Corner Preset Buttons
Used to control a group, sub groups or individual luminaires, recall scenes and recall animations



Dimming Buttons
Multi-gesture up and down dimming buttons allow user complete control over light levels



Multipurpose Buttons
Additional multipurpose buttons allow user to alter the colour temperature or the indirect/direct light ratio (on applicable fittings only)



Code	Description
AOCTO/XP/WS/W	Indoor Wireless Switch - White
AOCTO/XP/WS/B	Indoor Wireless Switch - Black



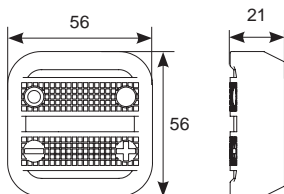
OCTO IP65 Wireless Smart Switch



- Wireless soft outdoor remote control
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO eco-system
- Magneto-resistive power source
- Spill and shock resistant
- Advantages of a wireless system, no batteries required maintenance free
- Integrated magnet allows it to be stuck on any metallic area
- Range - 30 metres



CASAMBI
Enabled



Code	Description
AOCTO/BT/WS/IP65	Outdoor Wireless Switch

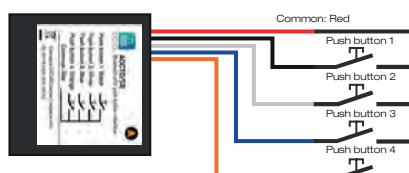
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



OCTO Wireless Push to Make Switch Interface

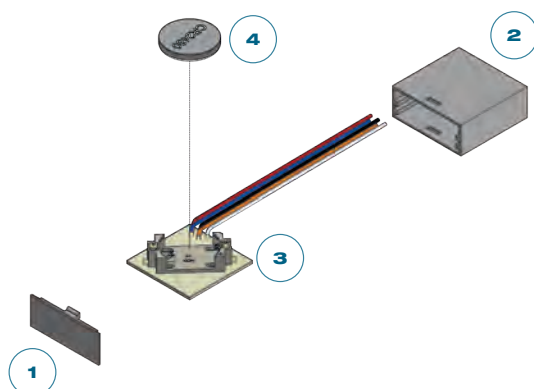


- Bluetooth enabled smart 4 channel push to make switch interface
- Unit retrofits into existing push switch, making it smart enabled
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Slim 15mm profile suitable for installation into 35mm recessed pattress
- Pre-wired ensuring a fast and easy installation into pre-existing wall switch
- Compact housing allows installation into pre-existing wall box so no additional work is required
- 3V lithium battery operated negating the requirement for mains wiring
- Can be used to control a group, sub groups or individual luminaires on a 1-4 button push switch
- Settings easily commissioned by a smart device via the OCTO app



Connection Diagram

Wires connected to the external push buttons. We suggest to keep the wires long enough, so battery replacement is possible without disconnecting the push buttons

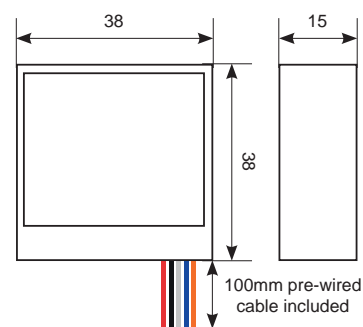


Battery Replacement

When battery indicator is showing a low level, a new battery will be needed. (Battery is available as spare part).

- Remove the cover (1) from the box (2).
- Pull out the PCB (3) slowly until the battery (4) can be removed.
- Replace battery and assure it is locked before sliding the PCB back in and putting the lit cover on.

CASAMBI
Enabled



Code

Description

AOCTO/SR

4 Channel Push to Make Switch Interface

CE IP20



◆ Controller to Lighting Setup
Connect OCTO indoor/outdoor controller to current lighting setup



◆ Controller to Lighting Setup
Connect OCTO indoor/outdoor controller to current lighting setup



◆ Consumer Unit to Controller
Connect live cable from consumer unit to OCTO indoor/outdoor controller



Turn your switches into

Smart Switches

The 4 channel push to make switch interface retrofits into existing push switches, making them smart enabled (up to 4 gang push to make switches only). See above how the interface will integrate into your current switch setup.

OCTO Smart PIR Sensors

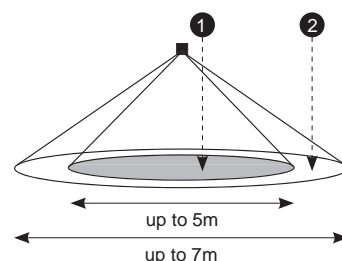


Indoor Surface PIR Sensor
AOCTO/BT/PIR-S



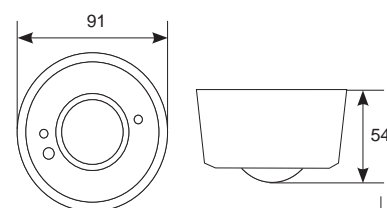
Indoor Recessed PIR Sensor
AOCTO/BT/PIR-R

- Bluetooth enabled PIR sensors
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR detector and photocell
- Suitable for residential and commercial applications
- Loop-in, loop-out internal connections for ease of installation
- Detection range strength:
 - 1) Strong detection zone i.e. person moving arm or walking towards PIR
 - 2) Secondary detection zone i.e. person walking perpendicular to PIR

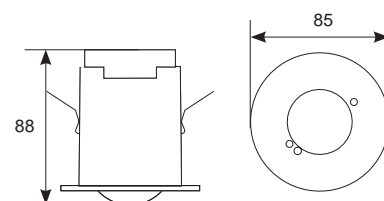


For optimum coverage recommended mounting height: 2.4m to 5m

CASAMBI
Enabled



AOCTO/BT/PIR-S



AOCTO/BT/PIR-R

Code	Description
AOCTO/BT/PIR-R	Smart Recessed PIR Sensor - White
AOCTO/BT/PIR-S	Smart Surface PIR Sensor - White

Input	230V
Hertz	50Hz

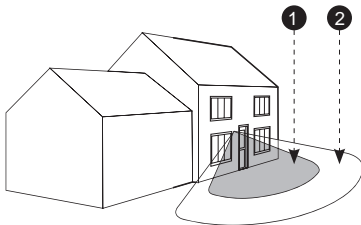


OCTO IP65 Smart PIR Sensor

- Bluetooth enabled PIR sensors
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Suitable for residential and commercial applications
- Infrared PIR detector and photocell
- Detection range strength:
 - 1) Strong detection zone(5m) i.e. person walking towards PIR
 - 2) Secondary detection zone (10m, 8m) i.e. person walking perpendicular to PIR

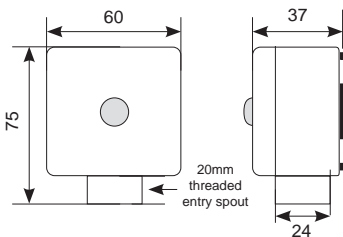


51



For optimum coverage recommended mounting height: 1m to 2.2m

CASAMBI
Enabled



Input	230V
Hertz	50Hz



Code

Description

AOCTO/BT/PIR/IP65-S

Smart IP65 Surface PIR Sensor

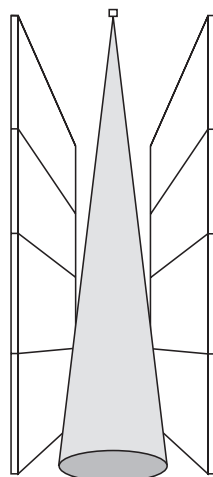
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



OCTO IP66 Smart High Bay Racking Aisle PIR Sensor

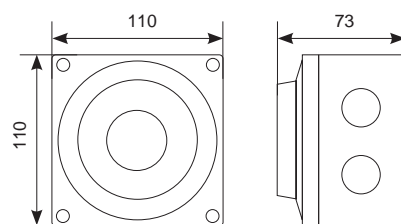


Mounting height
up to 20m
Perspective view -
ceiling mounted



Up to 5m
diameter

- Bluetooth enabled PIR sensor
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR detector and photocell
- Suitable for industrial high bay racking aisle applications with high mounting points (up to 20 metres)
- Fast and easy commissioning via the Casambi app



CASAMBI
Enabled

Code	Description
AOCTO/BT/PIR/IP66/HBSP	Smart IP66 High Bay PIR Sensor - Racking Aisle

Input	220-240V
Hertz	50Hz
Operating temp	-20°C - 40°C

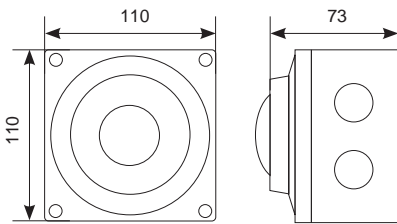


OCTO IP66 Smart High Bay Open Area PIR Sensor

53



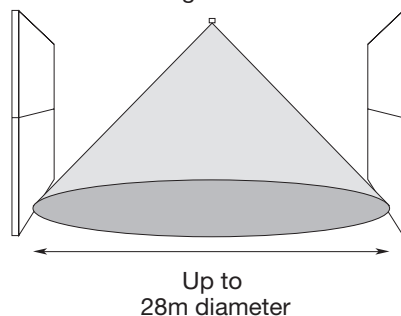
- Bluetooth enabled PIR sensor
- Compatible with all other bluetooth OCTO Casambi devices as part of the OCTO ecosystem
- Infrared PIR detector and photocell
- Suitable for industrial high bay open area applications with high mounting points (up to 14 metres)
- Fast and easy commissioning via the Casambi app



CASAMBI
Enabled



Mounting height
up to 14m
Perspective view -
ceiling mounted



Input	220-240V
Hertz	50Hz
Operating temp	-20°C - 40°C

Code	Description
AOCTO/BT/PIR/IP66/HBWD	Smart IP66 High Bay PIR Sensor - Open Area



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



OCTO *Ready Products*

OCTO is an advanced lighting control solution based on Bluetooth Low Energy (BLE). OCTO devices are smart on their own. All the intelligence is replicated in each device, forming a secure, responsive wireless mesh network.

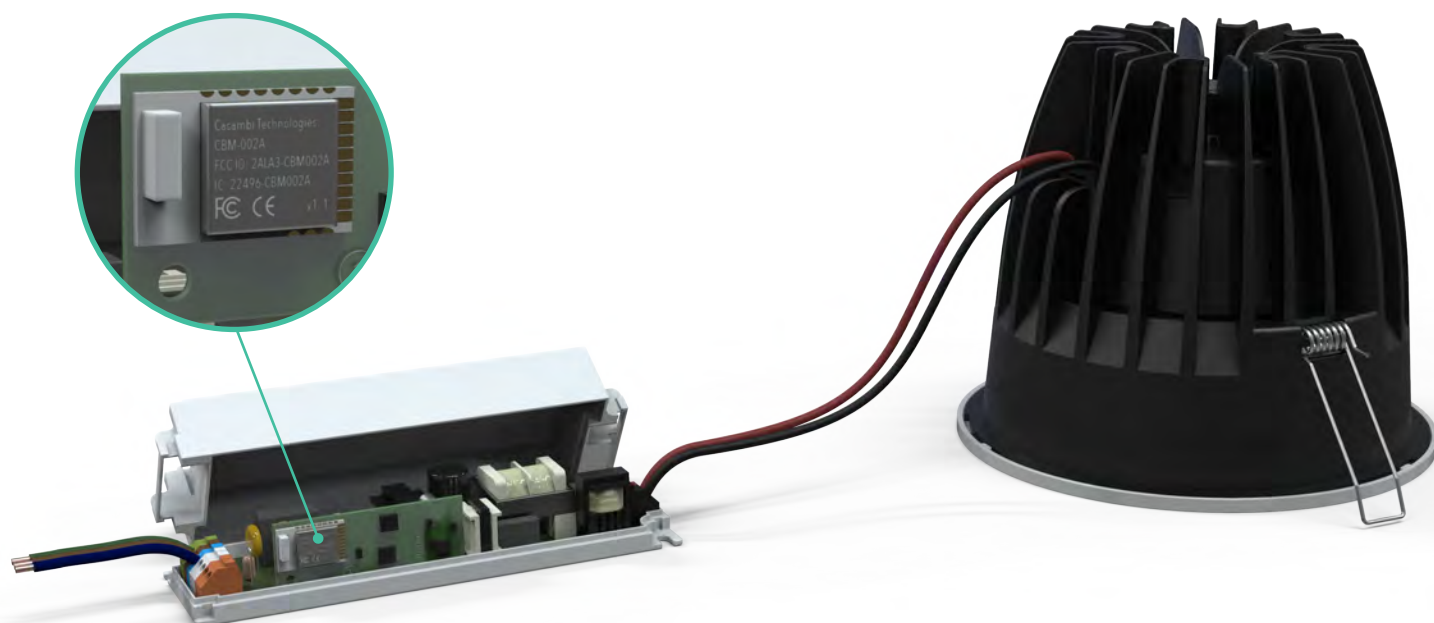
/OCTO

OCTO Smart Control



OCTO Integrated

All listed products above come complete with LED drivers that have OCTO embedded into the circuit of the driver with control via our BLE system. This allows each luminaire to have individual or collective control via any given trigger such as switches, PIR's or scene settings that are within the same mesh network. Ideal for any given commercial / industrial application that requires wireless control and opens up the vast options and functionality available through the OCTO smart system.



/OCTO - Benefits



Benefits for Specifier

- Simple configuration
- Define luminaire properties
- Allocate luminaire properties wirelessly

Specifier

Benefits for Installer

- Commission, programme and control luminaires intuitively via the OCTO App
- Locate and assign luminaires wirelessly with ease
- Adapt the system quickly
- Quicker retrofit and new installation

OCTO Guru/Master
(Commissioning)

Benefits for End User

- Simple updates
- Reduce power consumption
- Ensure multi-functional use for rooms
- Individual wireless light adjustments
- Individual operation for luminaires
- Simple graphic luminaire selection
- Intuitively adjust the light shade and intensity







| DISPLAY

57

Project

Sixpad - Westfield, UK



Unity 80 LED

p78



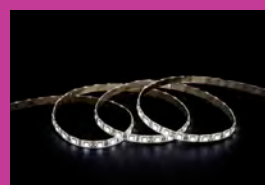
Unity 150 DHP LED

p86



Unity 150 LED
Wallwash

p95



Cobra LED Strip

p236

Display

64



OCTO Smart downlight

66



LED Downlights

122



LED Emergency Downlights

133



*LED and GU10
Surface Downlights*

140



Fire Rated Downlights

148



Die-Cast Downlights

160



Downlight Accessories

162



*Unity Mini 24V
Adjustable Trackspot*

166



*Single Circuit
Track and Surface*



190

*Three Circuit
Track and Surface*



205

Pendants



214

Wall Lights



222

*LED Drivers
and Transformers*



230

*LED Flexible and Rigid
Strips*



244

*Linklights and Cabinet
fittings*



250

Bathroom Fixtures



Designed to
Deliver...

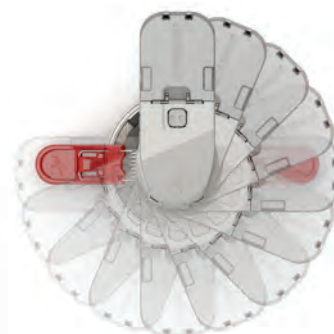


reddot award
winner lighting design



Low Ceiling Voids?

180° flip feature allows for
ceiling void installations as low as 65mm



Ceiling Joist Obstruction?

280° housing rotation
allows for easy installation



Part B

Test Nos.

30 Minutes Chilt/A/12229
60 Minutes Chilt/A/12230
90 Minutes Chilt/A/12231



Part C

Report Reference No.

BRE/296458



Part E

Report Reference No.

BRE/296459

Orbio 360 Downlight

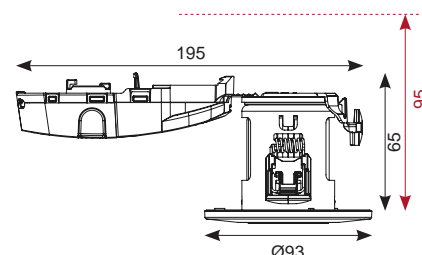
AC LED (No Driver Required)



Matt White Bezel fitted as standard

- AC230V IP65 LED fire rated downlight for domestic and commercial applications
- Supplied with matt white bezel as standard
- Innovative flexible installation features
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Up to 92 Lumens per watt exceeds the requirement of Part L and Part L2 of Building Regulations
- LED lifespan L70 50,000 hours

* 7 Year Warranty applies to fittings registered online (5 Year Warranty for unregistered fittings)



95mm Overall Height with top housing attached to main body



LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	737lm
Warm White	654lm
Lm/W Cool White	92lm
Lm/W Warm White	82lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-40°C to 45°C



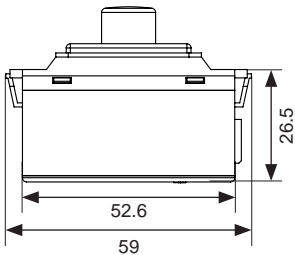
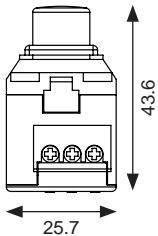
- Bespoke dimmer suitable for use with Orbio360 and Prism FRD products only
- Suitable for controlling from 1 to 20 Orbio360 fittings
- Dimming range 12% to 100% light output
- Can be installed onto most standard style dimmer plates
- Suitable for installation with MK grid system - adaptor plate and control knob included
- Suitable for installation into 25mm metal box or surface pattress



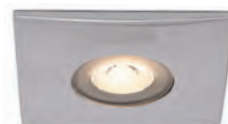
AORBLED/DIMMER


ALEDCP
(Matt White, Chrome and Satin Chrome)


AORBLEDZ/BR AORBLEDZ/CH AORBLEDZ/SC AORBLEDZ/AB AORBLEDZ/BLC



AORBLEDZSQ/MW



AORBLEDZSQ/CH



AORBLEDZSQ/AB



AORBLEDZSQ/BR



AORBLEDZSQ/SC



AORBLEDZSQ/BLC

- Optional removeable twist-on, twist-off aluminium die-cast bezels with five different finishes



- Ansell Converter Plate allows retrofit application in ceilings with cutout between 76mm and 140mm diameter

Code

Description

AORBLED/DIMMER	2 Way Push/Push
AORBLEDZ/BR	Brass Trim Bezel
AORBLEDZ/CH	Chrome Gloss Trim Bezel
AORBLEDZ/SC	Satin Chrome Trim Bezel
AORBLEDZ/AB	Antique Brass Trim Bezel
AORBLEDZ/BLC	Black Chrome Trim Bezel
AORBLEDZ/SQ/MW	Matt White Square Trim Bezel
AORBLEDZ/SQ/BR	Brass Square Trim Bezel
AORBLEDZ/SQ/CH	Chrome Gloss Square Trim Bezel
AORBLEDZ/SQ/SC	Satin Chrome Square Trim Bezel
AORBLEDZ/SQ/AB	Antique Brass Square Trim Bezel
AORBLEDZ/SQ/BLC	Black Chrome Square Trim Bezel
ALEDZCP/MW	Matt White Converter Kit
ALEDZCP/CH	Chrome Converter Kit
ALEDZCP/SC	Satin Chrome Converter Kit

Prism Pro Wiz FRD

Supplied c/w Remote Driver



OCTO

WIZ
CONNECTED

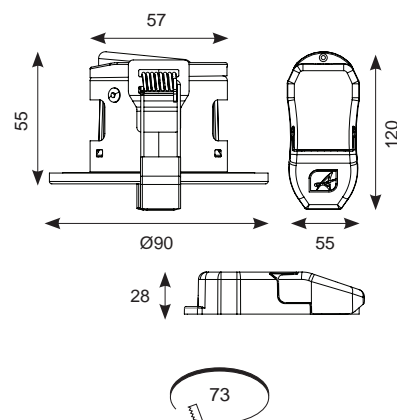


Easy wiring access



Matt White Bezel fitted as standard

- 220-240V IP65 LED WiZ enabled tunable white Fire Rated Downlight
- Supplied with matt white bezel as standard
- Tunable between 2700K - 6000K via Wiz App and voice control
- Remote driver with 2x1.5mm² + CPC push-fit loop-in, loop-out terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours



LED Information

Total (Watts)	8W
Lumens Delivered	
2700K ↔ 6000K	
573lm ↔ 547lm	
Lm/W	
2700K ↔ 6000K	
82lm ↔ 78lm	
Beam Angle	60°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

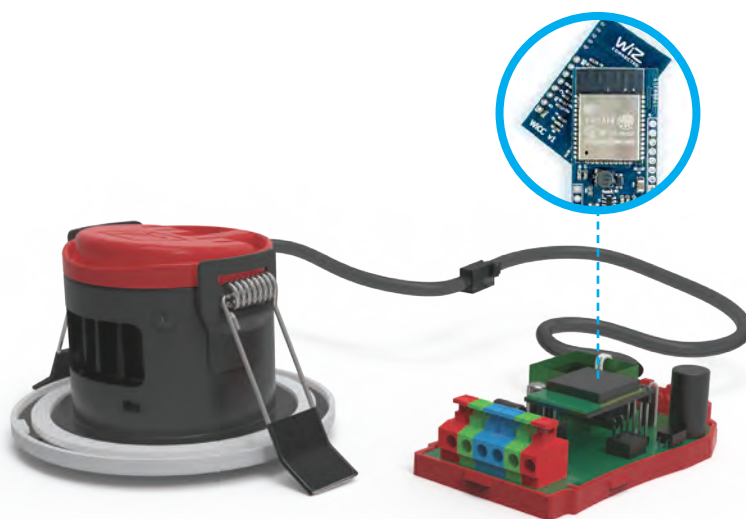
Code	Lamp	Description
APRILEDP/OCTOW	LED	8W - Tunable White





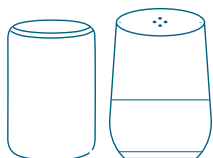
OCTO

WiZ
CONNECTED



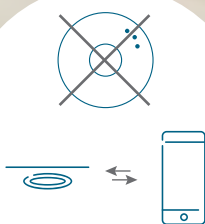
WiFi and Bluetooth

Two protocols for versatility with a range of accessories and commissioning. Added reliability if one protocol connection is lost the other will allow normal use.



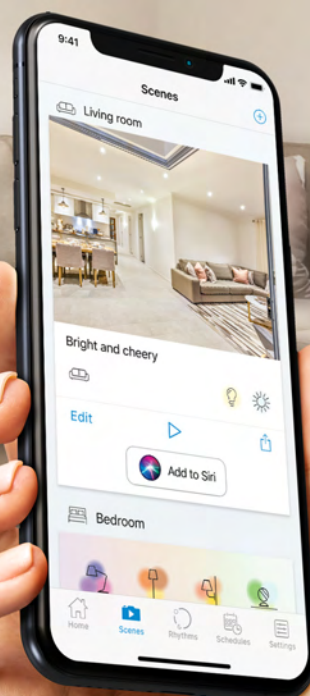
Advance Voice Control

Full voice control with smart speakers and now with Google Assistant and Siri Shortcuts on iOS 12, have full control of your lights by talking to any smartphone.



No Hub Needed

32-bit MCU chip provides smarter automation, as WiZ lighting is directly, constantly and reliably connected to the cloud there is no dependency on a hub or bridge.



Prism Pro LED Fire Rated Downlight

Supplied c/w Remote Driver



Matt White Bezel fitted as standard



Easy wiring access



Chrome Trim Bezel Accessory



Satin Chrome Trim Bezel Accessory



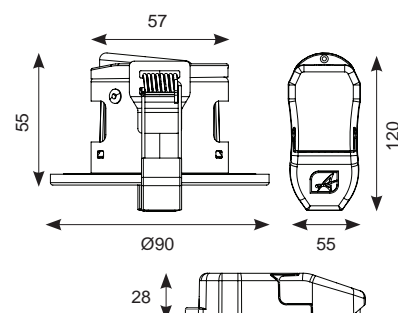
Matt Black Trim Bezel Accessory

Code	Lamp	Description
APRILEDP/CW	LED	6W - Cool White
APRILEDP/WW	LED	6W - Warm White

Trim Bezels	APRILEDPBZ/CH	Chrome Trim Bezel
	APRILEDPBZ/SC	Satin Chrome Trim Bezel
	APRILEDPBZ/BLK	Matt Black Trim Bezel

Dimmer	AORBLEDDIMMER	2 Way Push/Push
--------	---------------	-----------------

- 220-240V IP65 LED Fire Rated Downlight
- Remote driver with 2x1.5mm² + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours



LED Information

Total (Watts)	6W
Lumens Delivered	
Cool White	577lm
Warm White	532lm
Lm/W Cool White	96lm
Lm/W Warm White	89lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C



Ultra shallow fixture height for shallow ceiling void

Protective covers that aid installation and preserve intended mounting surface

Unique patented intumescent disc

High efficiency / long life LED engine

Twistlock bezel available in single colour or plated finishes

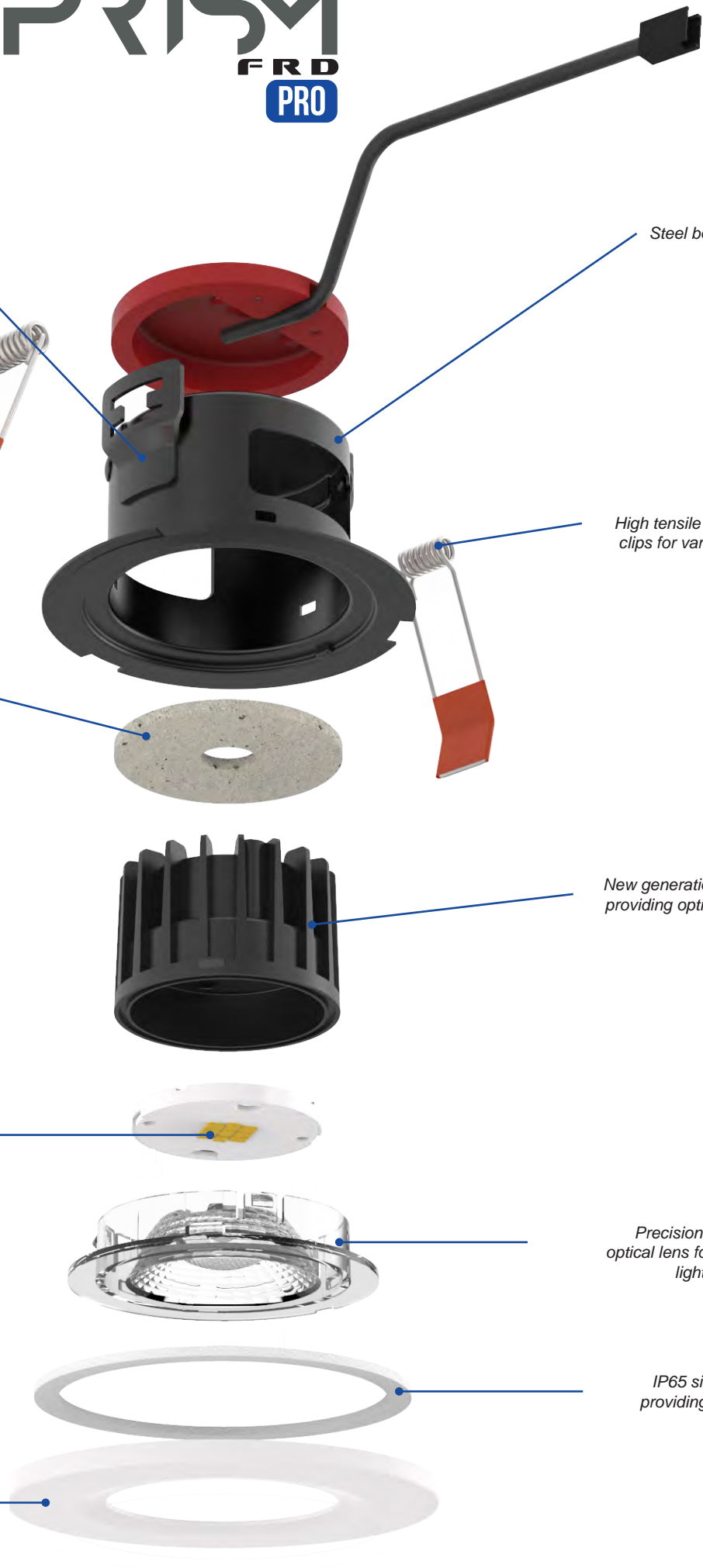
Steel body housing

High tensile steel spring clips for variable ceiling thickness

New generation heat sink providing optimal thermal dissipation

Precision engineered optical lens for enhanced light distribution

IP65 silicon gasket providing Part C & E compliance



Prism Pro LED Fire Rated Downlight CCT Pack

Supplied c/w Remote Driver and Bezel Accessories



Matt White Bezel fitted as standard



Easy wiring access



Chrome Trim Bezel Accessory



Colour temperature select switch with 4 colour options 2700K, 3000K, 4000K and 6000K

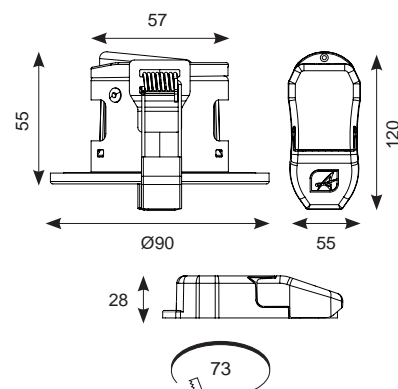


Matt Black Trim Bezel Accessory



Satin Chrome Trim Bezel Accessory

- 220-240V IP65 LED 4 CCT Selectable Fire Rated Downlight
- Supplied with 4 bezels as standard:- matt white, chrome, satin chrome and matt black bezels
- Remote driver with 2x1.5mm² + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation• Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours



LED Information

Total (Watts)	7W
Lumens Delivered	
2700K	573lm
4000K	608lm
3000K	589lm
6000K	547lm
Lm/W	
2700K	82lm
4000K	87lm
3000K	84lm
6000K	78lm
Beam Angle	60°
CRI	Ra 80
CCT	
2700K	4000K
3000K	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C

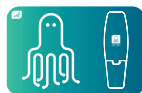
Code	Lamp	Description
APRILEDP/CCT	LED	7W - Warm White/ Cool White/ Daylight

AORBLED/DIMMER	2 Way Push/Push
----------------	-----------------

Prism Pro LED Fire Rated CCT Gimbal

Supplied c/w Remote Driver

- 220-240V LED 4 CCT Selectable Fire Rated Gimbal
- 30° tilt angle
- Remote driver with 2x1.5mm² + CPC loop-in, loop-out colour coded push fit piano terminals provide an easy and efficient installation
- Detachable LED driver for fast fix install
- Low profile design and remote driver allow installation into shallow ceiling voids
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours



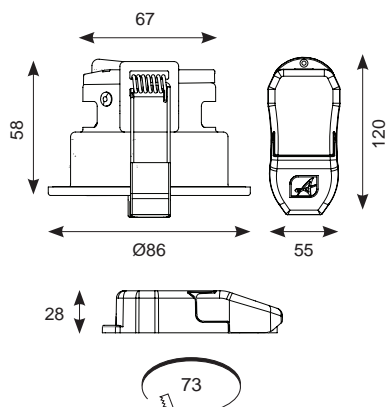
69



Easy wiring access



Colour temperature select switch with 4 colour options 2700K, 3000K, 4000K and 6000K



LED Information

Total (Watts)	7W
Lumens Delivered	
2700K 620lm	4000K 698lm
3000K 655lm	6000K 659lm
Lm/W	
2700K 89lm	4000K 100lm
3000K 94lm	6000K 94lm
Beam Angle	60°
CRI	Ra 80
CCT	
2700K	4000K
3000K	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 25°C



APRILEDP/G/MW
(2700K - Warm White)



APRILEDP/G/CH
(3000K - Warm White)



APRILEDP/G/SC
(4000K - Cool White)



APRILEDP/G/BLK
(6000K - Daylight)

Code	Lamp	Description
APRILEDP/G/MW	LED	7W - Warm White/ Cool White/ Daylight - Matt White
APRILEDP/G/CH	LED	7W - Warm White/ Cool White/ Daylight - Chrome
APRILEDP/G/SC	LED	7W - Warm White/ Cool White/ Daylight - Satin Chrome
APRILEDP/G/BLK	LED	7W - Warm White/ Cool White/ Daylight - Black
AORBLED/DIMMER		2 Way Push/ Push



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Prism LED Fire Rated Downlight

Supplied c/w Integral Driver



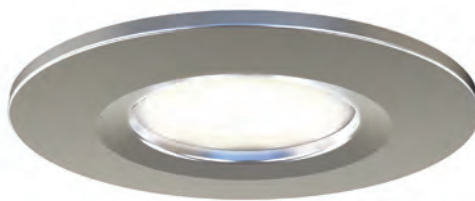
Easy wiring access



Matt White Bezel fitted as standard



Chrome Trim Bezel Accessory

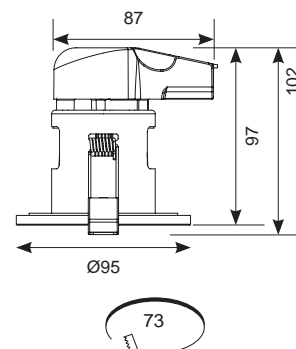


Satin Chrome Trim Bezel Accessory

- LED dimmable fire-rated downlight for domestic applications
- Supplied with matt white bezel as standard
- Integral driver with push-fit loop-in, loop-out terminals for ease and speed of installation
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 60,000 hours

Dimming - for best compatibility the following products are recommended :-

Ansell **AORBLED/DIMMER**
Zano **ZGRID500**
Varilight **V-PRO**



LED Information

Total (Watts)	7W
Lumens Delivered	
Cool White	715lm
Warm White	712lm
Lm/W Cool White	102lm
Lm/W Warm White	102lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 25°C

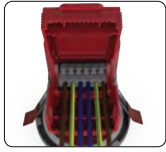
Code	Lamp	Description
APRILED/CW	LED	7W - Cool White
APRILED/WW	LED	7W - Warm White

Trim Bezels	APRILEDDBZ/CH	Chrome Trim Bezel
	APRILEDDBZ/SC	Satin Chrome Trim Bezel

	AORBLED/DIMMER	2 Way Push/Push
--	-----------------------	-----------------



Fast push-fit loop-in, loop-out termination for 2x1.5mm twin and earth cable



Ergonomic moulded terminal housing

Steel body housing

Intumescent fire barrier

Unique heat sink design for optimum heat dissipation

Sturdy spring clips with protective covers

Optimum contact between heatsink and LED for maximum thermal performance

High efficiency LED light engine

Precision engineered reflector for enhanced light distribution

IP65 silicon seal
Part C and E compliant

Acoustic cushion

Aluminium die-cast secure screw on bezel with matt white paint finish or plated finishes

Product Certification



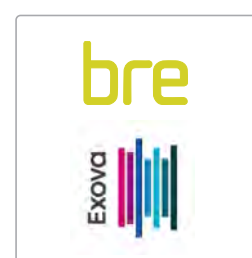
Part B
Test Nos.
30 Minutes - Exova WF408531
60 Minutes - Exova WF408527
90 Minutes - Exova WF408530



Part C
P108657-1000



Part E
P17011-1000



Prism LED Fire Rated Downlight CCT Pack

Supplied c/w Integral Driver and Bezel Accessories



Easy wiring access



Colour temperature select switch



Matt White Bezel fitted as standard



Chrome Trim Bezel supplied as standard

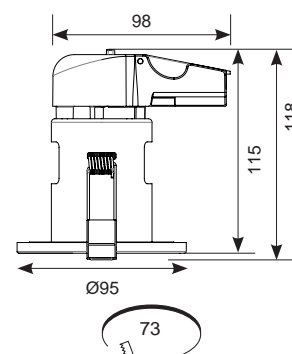


Satin Chrome Trim Bezel supplied as standard

- LED dimmable fire-rated downlight for domestic applications
- Supplied with 3 bezels as standard:- matt white, chrome and satin chrome bezels
- Integrated switch allows installer the choice of 3000K, 4000K or 6000K colour temperature options
- Integral driver with push-fit loop-in, loop-out terminals for ease and speed of installation
- Fully tested for 30, 60 and 90 minute ceiling types to meet Part B of Building Regulations
- Fully tested to meet Part C (moisture) and Part E (acoustic) of Building Regulations
- Wide 60° beam angle for increased light distribution
- LED lifespan L70 40,000 hours

Dimming - for best compatibility the following products are recommended :-

Ansell AORBLED/DIMMER
Zano ZGRID500
Varilight V-PRO



LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	567lm
Warm White	625lm
Daylight	675lm
Lm/W Cool White	67lm
Lm/W Warm White	75lm
Lm/W Daylight	85lm
Beam Angle	60°
CRI	Ra 80
CCT	3000K
	4000K
	6000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 25°C

Code	Lamp	Description
APRILED/CCTPACK	LED	8W - Cool White/ Warm White/ Daylight





One Product.. **Nine Choices**

The Prism Fire Rated Downlight pack includes 3 bezel options (matt white, chrome and satin chrome), but also the integrated switch allows the installer to select options of 3000K, 4000K and 6000K colour temperatures

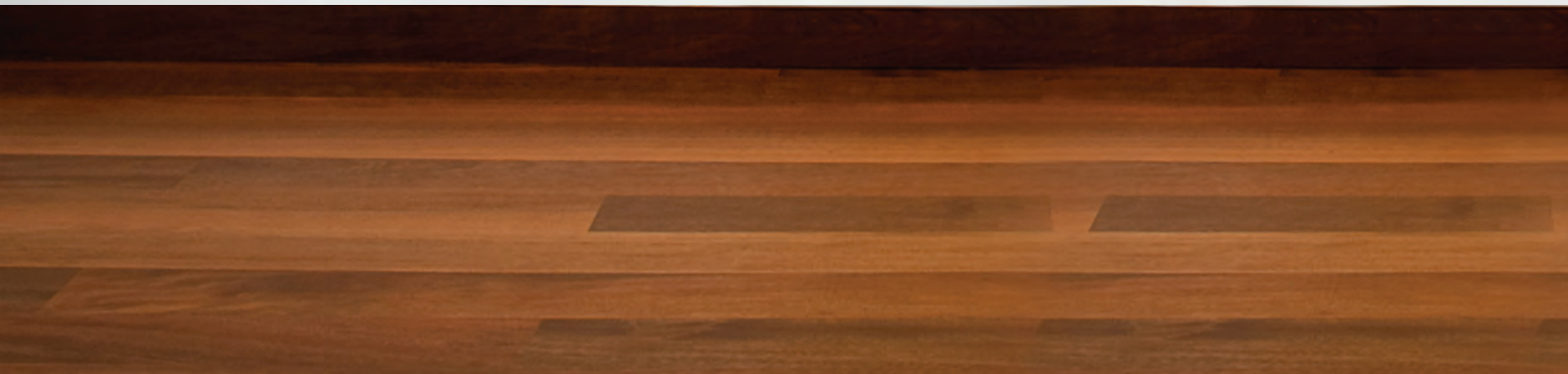
6000K



4000K



3000K



Unity GC Pro LED Adjustable Downlight

Supplied c/w Remote Driver

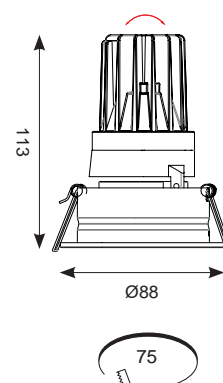


Powered by
HEP



30° tilt angle adjustability

- Compact high performance professional adjustable downlight
- Deep cut-off angle for glare control and comfort
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Comparable performance to 50W halogen
- 30° tilt angle
- Mirror finished anodized reflector for optimum light control
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Triac dimmable as standard



LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	365lm
Warm White	317lm
Lm/W Cool White	37lm
Lm/W Warm White	32lm
Beam Angle	33°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description
AULEDGCP/CW	LED	10W - Cool White
AULEDGCP/WW	LED	10W - Warm White

/OCTO OCTO Smart Control



Aluminium heatsink for optimum thermal management to ensure long lifetime cycle

High quality OSRAM LED Light engine

Mirror finished anodized reflector optimises light distribution providing an excellent and uniform output

Anti-glare diffuser provides visual comfort and optimum light distribution

Open housing construction allows constant air flow from heatsink providing optimal thermal performance and maximum LED lifetime

Sturdy spring clips provide tight and lasting position once installed

Protective spring clip covers for ceiling protection and ease of installation

Matt white bezel supplied provides sleek and modern appearance



Unity GC Pro LED Fixed Downlight

Supplied c/w Remote Driver



AULEDGCP1/CW

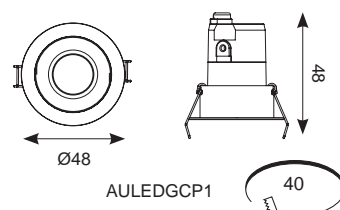


AULEDGCP2/CW

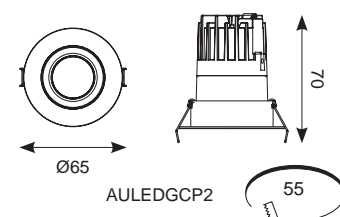


AULEDGCP3/CW

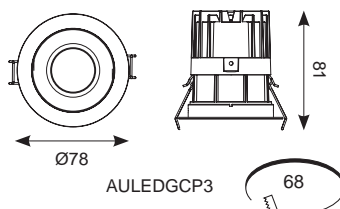
- Compact high performance professional downlight
- Deep cut-off angle for glare control and comfort
- Die-cast aluminium construction, powder coated
- 3W exceeds performance of 12W Halogen
- 8W comparable performance to 35W halogen
- 15W exceeds performance of 50W halogen
- Mirror finished anodized reflector for optimum light control
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Non-dimmable



AULEDGCP1



AULEDGCP2



AULEDGCP3

LED Information

Cool White Warm White

Total (Watts)	3W 8W 15W	
Lumens Delivered	121lm	113lm
	262lm	252lm
	629lm	586lm
Lm/W 3W	40lm	38lm
Lm/W 8W	33lm	32lm
Lm/W 15W	42lm	39lm
Beam Angle	36°	
CRI	Ra 90	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 25°C	

Code	Lamp	Description
AULEDGCP1/CW	LED	3W - Cool White
AULEDGCP1/WW	LED	3W - Warm White
AULEDGCP2/CW	LED	8W - Cool White
AULEDGCP2/WW	LED	8W - Warm White
AULEDGCP3/CW	LED	15W - Cool White
AULEDGCP3/WW	LED	15W - Warm White

/OCTO OCTO Smart Control



Sturdy spring clips provide tight and lasting position once installed

Aluminium heatsink for optimum thermal management to ensure long lifetime cycle

Protective spring clip covers for ceiling protection and ease of installation

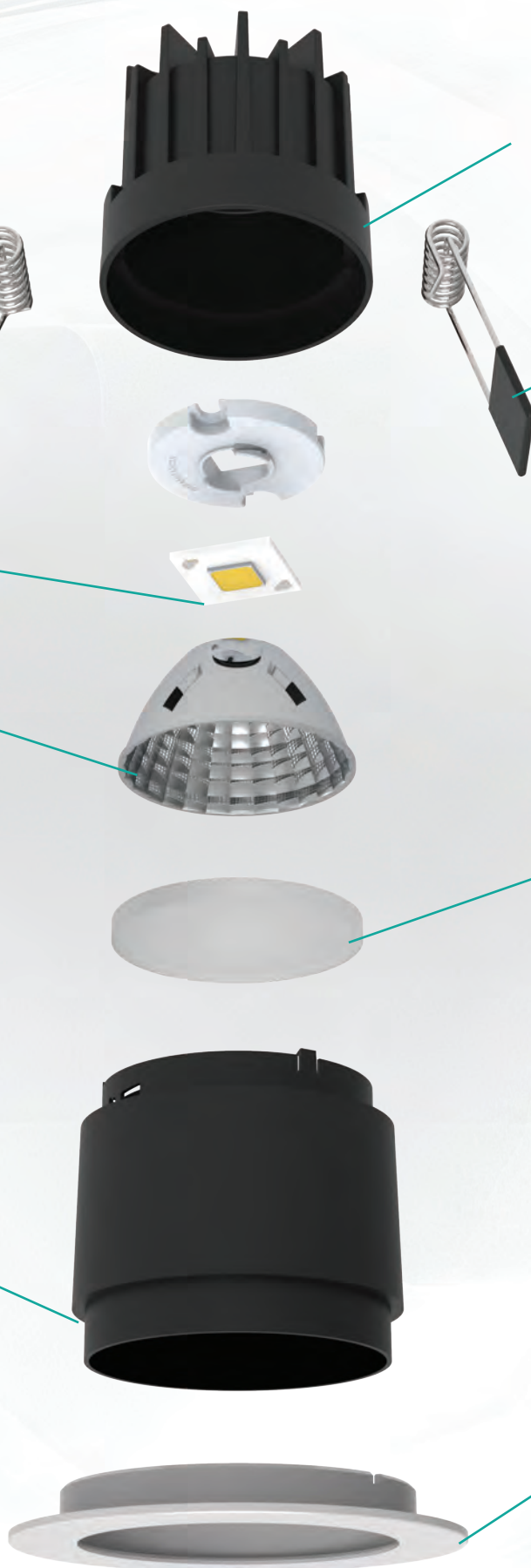
High quality LED light engine

Mirror finished anodized reflector optimises light distribution providing an excellent and uniform output

Anti-glare diffuser provides visual comfort and optimum light distribution

Specially designed baffle construction with recessed LED module and diffuser provide a steep cut-off angle ensuring maximum glare control and visual comfort

Slim profile matt white bezel provides sleek and modern appearance



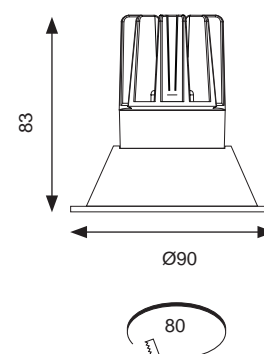
Unity 80 LED Downlight

Supplied c/w Remote Driver



Powered by
TRIDONIC
▼enlightening your ideas

- Compact high performance professional downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 2 x 18W PLC
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



Code	Lamp	Description
AULED80D	LED	15W - Cool White
AULED80D/WW	LED	15W - Warm White

/M3	Emergency
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD2/DD3/DD4)

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1056lm
Warm White	896lm
Lm/W Cool White	70lm
Lm/W Warm White	60lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C





Project - Private Residential
Abersoch, UK

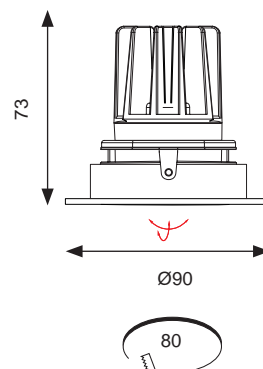
Unity 80 LED Gimbal

Supplied c/w Remote Driver



Powered by
TRIDONIC
▼ enlightening your ideas

- Compact high performance professional adjustable downlight
- 30° tilt angle
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 2x18W PLC
- Mirror finish anodized reflector
- Anti glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1056lm
Warm White	896lm
Lm/W Cool White	70lm
Lm/W Warm White	60lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AULED80GIM	LED	15W - Cool White
AULED80GIM/WW	LED	15W - Warm White

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)





Project - Volvo Garage
Kildare, Ireland



Project - Ocean BMW Garage
Falmouth, UK

Unity 125 LED Downlight

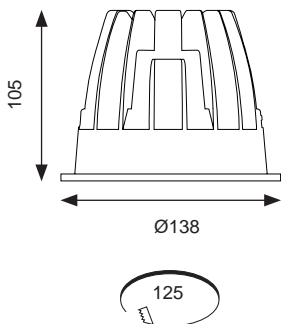
Supplied c/w Remote Driver

- Compact high performance professional downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 2x26W PLC
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



83

Powered by
TRIDONIC
▼ enlightening your ideas



LED Information

Total (Watts)	21W
Lumens Delivered	
Cool White	1521lm
Warm White	1386lm
Lm/W Cool White	72lm
Lm/W Warm White	66lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AULED125D	LED	21W - Cool White
AULED125D/WW	LED	21W - Warm White

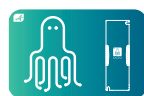
Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



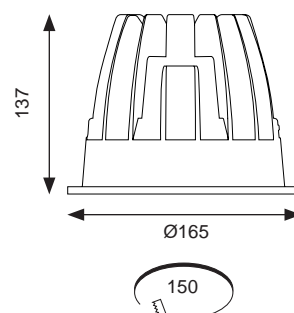
Unity 150 LED Downlight

Supplied c/w Remote Driver



Powered by
TRIDONIC
▼ enlightening your ideas

- Compact high performance professional downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 2x42W PLC / 70W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



LED Information

Total (Watts)	37W
Lumens Delivered	
Cool White	3254lm
Warm White	2870lm
Lm/W Cool White	88lm
Lm/W Warm White	78lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AULED150D	LED	37W - Cool White
AULED150D/WW	LED	37W - Warm White

Options		
/M3		Emergency
/OCTO		OCTO Smart Control
/DD		Digital Dimming (DD1/DD2/DD3/DD4)

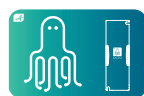




Project - Ocean BMW Garage
Falmouth, UK

Unity 150 DHP LED Downlight

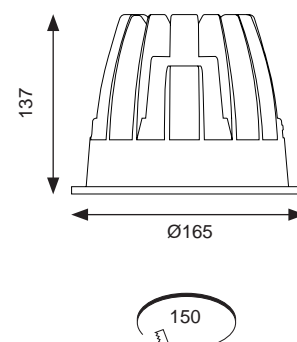
Supplied c/w Remote Driver



Powered by
TRIDONIC
▼ enlightening your ideas



- Compact high performance professional downlight
- IP44 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 100W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



LED Information

Total (Watts)	41W
Lumens Delivered	3900lm
Lm/W	95lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AULED150DHP	LED	41W - Cool White

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)





Project - Sixpad
London, UK

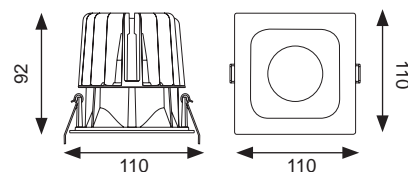
Unity 100 Square LED Downlight

Supplied c/w Remote Driver



Powered by
TRIDONIC
▼ enlightening your ideas

- Compact high performance professional downlight
- Circular hole cut-out for ease of installation and alignment
- IP54 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Exceeds performance of 2x18W PLC
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



Circular Cut-out



Circular cut-out for ease of installation

LED Information

Total (Watts)	14W
Lumens Delivered	1152lm
Lm/W	82lm
Beam Angle	57°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AUSQLED100D/CW	LED	14W - Cool White

Options		
/M3		Emergency
/OCTO		OCTO Smart Control
/DD		Digital Dimming (DD1/DD2/DD3/DD4)



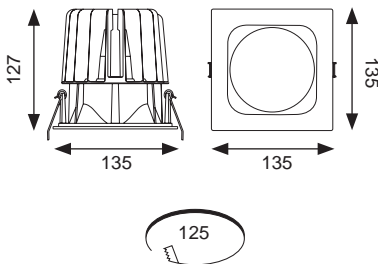
Unity 125 Square LED Downlight

Supplied c/w Remote Driver



89

- Compact high performance professional downlight
- Circular hole cut-out for ease of installation and alignment
- IP54 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 70W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



Powered by
TRIDONIC
▼ enlightening your ideas

Circular Cut-out



Circular cut-out for ease of installation

LED Information

Total (Watts)	29W
Lumens Delivered	2639lm
Lm/W	91lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AUSQLED125D/CW	LED	29W - Cool White

Options		
/M3		Emergency
/OCTO		OCTO Smart Control
/DD		Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Unity 150 Square LED Downlight

Supplied c/w Remote Driver



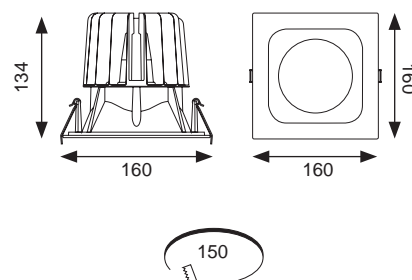
Powered by
TRIDONIC
▼ enlightening your ideas

Circular Cut-out



Circular cut-out for ease of installation

- Compact high performance professional downlight
- Circular hole cut-out for ease of installation and alignment
- IP54 rating as standard
- Die-cast aluminium construction, powder coated and 30° cut-off angle
- Performance comparable to 70W HQI
- Mirror finished anodized reflector
- Anti-glare design to create visual comfort
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours
- Dimmable and emergency options



LED Information

Total (Watts)	41W
Lumens Delivered	3775lm
Lm/W	92lm
Beam Angle	70°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AUSQLED150DHP/CW	LED	41W - Cool White

Options		
/M3		Emergency
/OCTO		OCTO Smart Control
/DD		Digital Dimming (DD1/DD2/DD3/DD4)



Project - Commercial Development
Golborne, UK

Unity 100 LED Wallwash

Supplied c/w Remote Driver



reddot award
winner lighting design

Powered by
TRIDONIC
▼enlightening your ideas



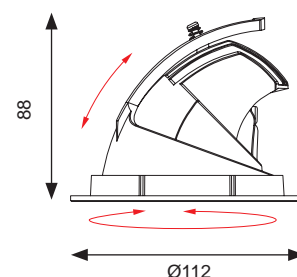
Angle Variant Options



Code	Lamp	Description
AULED100WW	LED	15W - Cool White
AULED100WW/WW	LED	15W - Warm White

Options		
/OCTO		OCTO Smart Control
/DD		Digital Dimming (DD1/DD2/DD3/DD4)

- Recessed adjustable wallwash with 355° rotation
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Exceeds performance of 100W halogen
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1041lm
Warm White	896lm
Lm/W Cool White	74lm
Lm/W Warm White	60lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



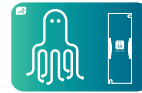




Project - Paper Assist
Dublin, Ireland

Unity 150 LED Wallwash

Supplied c/w Remote Driver



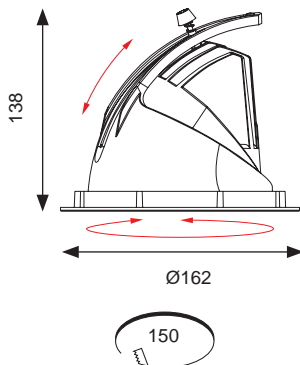
95

- Recessed adjustable wallwash with 355° rotation
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Comparable performance to 70W HQI
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours



reddot award
winner lighting design

Powered by
TRIDONIC
▼ enlightening your ideas



Angle Variant Options



LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	2699lm
Warm White	2497lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AULED150WW	LED	28W - Cool White
AULED150WW/WW	LED	28W - Warm White

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Unity 175 LED Wallwash

Supplied c/w Remote Driver

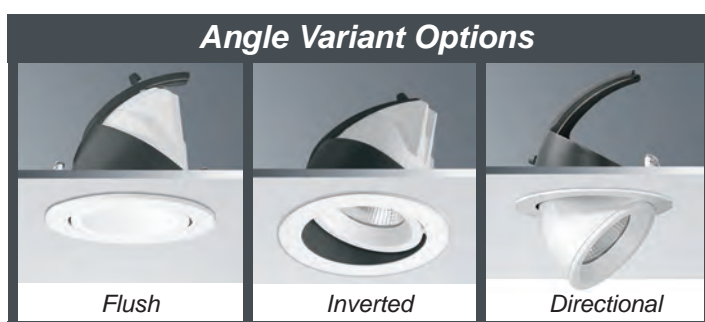
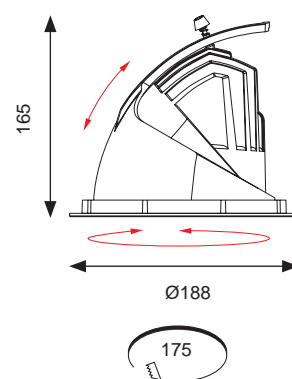


reddot award
winner lighting design

Powered by
TRIDONIC
▼ enlightening your ideas



- Recessed adjustable wallwash with 355° rotation
- Adjustable tilt angle from -15° to 45°
- 30° cut-off angle in the horizontal position
- Comparable performance to 100W HQI
- Die-cast aluminium body and heatsink for good thermal management
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	35W
Lumens Delivered	
Cool White	3239lm
Warm White	2887lm
Lm/W Cool White	88lm
Lm/W Warm White	78lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AULED175WW	LED	35W - Cool White
AULED175WW/WW	LED	35W - Warm White

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)



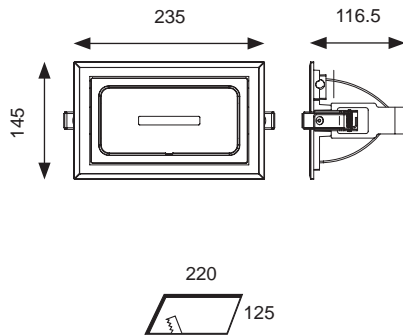
Unity Rectangular LED Wallwash

Supplied c/w Remote Driver



97

- Adjustable rectangular recessed downlight with 65° tilt angle
- Die-cast aluminium body and heatsink for efficient thermal management
- Exceeds performance of 70W HQI
- Energy saving retrofit replacement for existing HQI fittings
- Remote driver with plug and play connection
- LED lifespan L70 50,000 hours



Powered by
TRIDONIC
▼ enlightening your ideas



LED Information

Total (Watts)	35W
Lumens Delivered	3065lm
Lm/W	85lm
Beam Angle	110°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code Lamp Description

AULEDRECWW LED 35W - Cool White

Options /OCTO OCTO Smart Control

/DD Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Commercial Development
Golborne, UK

Unity S and R Retractable LED Downlights

Supplied c/w Remote Driver

- Recessed adjustable downlight
- Retractable head design allows for a range of installation applications
- Full 360° head rotation and 90° tilting capability
- Exceeds performance of 50W AR111 lamp
- Black trim provides excellent glare control
- Steel housing with die-cast aluminium body for excellent thermal management
- Remote driver with plug and play connection
- LED lifespan
L70 50,000 hours

Powered by
TRIDONIC
▼ enlightening your ideas



99



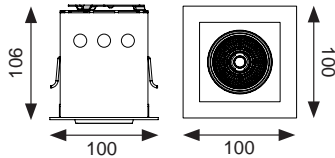
AULED1/SMP



Fully retractable head with 360° rotation and 90° tilting capability

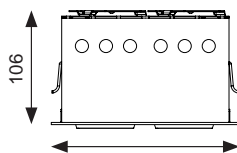
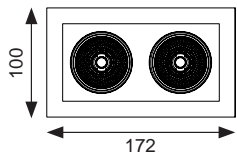


AULED2/RMP



AULED1/SMP

90



AULED2/RMP

158



LED Information

Total (Watts)	
Square	15W
Rectangular	2 x 15W
Lumens Delivered	
Square	736lm
Rectangular	2 x 736lm
Lm/W	49lm
Beam Angle	45°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50Hz/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AULED1/SMP	LED	15W - Cool White
AULED2/RMP	LED	2 x 15W - Cool White

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

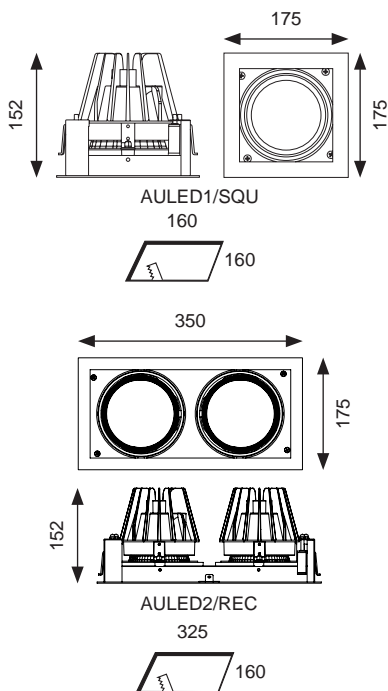




Unity S and R LED Downlights

Supplied c/w Remote Driver

- Recessed adjustable downlight
- Fully adjustable tilt angle 30° on two axis
- Comparable performance to 50W HQI
- Black trim provides excellent glare control
- Steel housing with die-cast aluminium body for good thermal management
- Remote driver with plug and play connection
- LED lifespan L80 50,000 hours



LED Information

Total (Watts)	
Square	37W
Rectangular	2 x 37W
Lumens Delivered	
Square	3239lm
Rectangular	2 x 3239lm
Lm/W	88lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

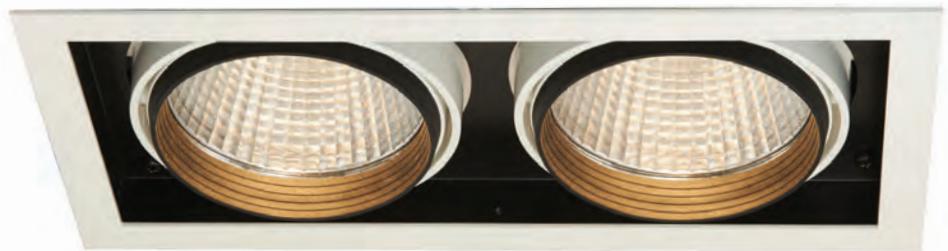


101



AULED1/SQU

Powered by
TRIDONIC
▼ enlightening your ideas



AULED2/REC

Code	Lamp	Description
AULED1/SQU	LED	37W - Cool White
AULED2/REC	LED	2 x 37W - Cool White

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Galaxy CCT LED Downlight

Supplied c/w Remote Driver

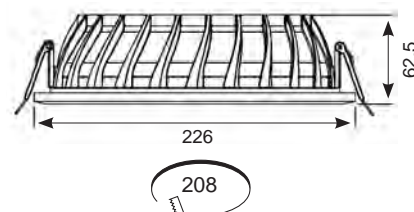


AGALED/1/CCT



AGALED/1/CCT
with drop glass attachment installed

- Compact IP65 LED Downlight which outperforms twin 18W and 26W PLC lamp variants
- One product provides both 3000K and 4000K colour temperature options
- Cut-out dimensions suitable to replace most PLC downlights
- Fitting and driver pre-wired with ST18 connectors
- Faceted reflector and optical fresnel lens provides outstanding performance, uniformity and glare control
- Removable twist on, twist off bezel provides option of utilising alternative bezel and drop glass accessories
- Dimmable and Emergency options
- LED lifespan L70 50,000 hours



Remote Emergency Box Dimensions
Length 415mm, Width 145mm,
Depth 70mm

Code	Lamp	Description
AGALED/1/CCT	LED	15W - Cool White / Warm White
AGALED/2/CCT	LED	20W - Cool White / Warm White

Options		
/M3		Emergency
/OCTO		OCTO Smart Control
/DD		Digital Dimming (DD1/DD2/DD3/DD4)

Drop Glass 1	Clear outer ring with frosted centre disc
AGPL/DG1/W	c/w Trim Bezel - White

Drop Glass 3	Frosted glass halo with open centre
AGPL/DG3/W	c/w Trim Bezel - White

LED Information

Total (Watts)	15W	20W
Lumens Delivered		
Cool White	1557lm	2250lm
Warm White	1484lm	2230lm
Lm/W Cool White	103lm	112lm
Lm/W Warm White	98lm	112lm
CRI	Ra 80	
CCT	3000K/4000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-20°C to 40°C	





Project - Sixpad
London, UK

Comfort LED Tunable White Downlight

Supplied c/w Remote Driver



- Economic high performance IP44 downlight
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- One product provides complete control of colour temperature selection, ranging between 2700K and 6500K. Colour selection achieved via the Casambi App
- Downlight design allows installation into existing hole cut-outs from 200mm to 220mm
- Emergency options available
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan L70 50,000 hours

LED Information

Total (Watts)	15W
	22W 30W
Lumens Delivered	2700K ↔ 6500K
15W	1219lm ↔ 1752lm
22W	1610lm ↔ 2356lm
30W	1992lm ↔ 3014lm
Lm/W	2700K ↔ 6500K
15W	81lm ↔ 117lm
22W	73lm ↔ 107lm
30W	66lm ↔ 100lm
Beam Angle	60°
CRI	Ra 80
CCT	Tunable White
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ACOLED2/TW/OCTO	LED	15W - Tunable White
ACOLED3/TW/OCTO	LED	22W - Tunable White
ACOLED4/TW/OCTO	LED	30W - Tunable White

/M3	Emergency
/SM3	Self-Test emergency
/DM3	DALI emergency

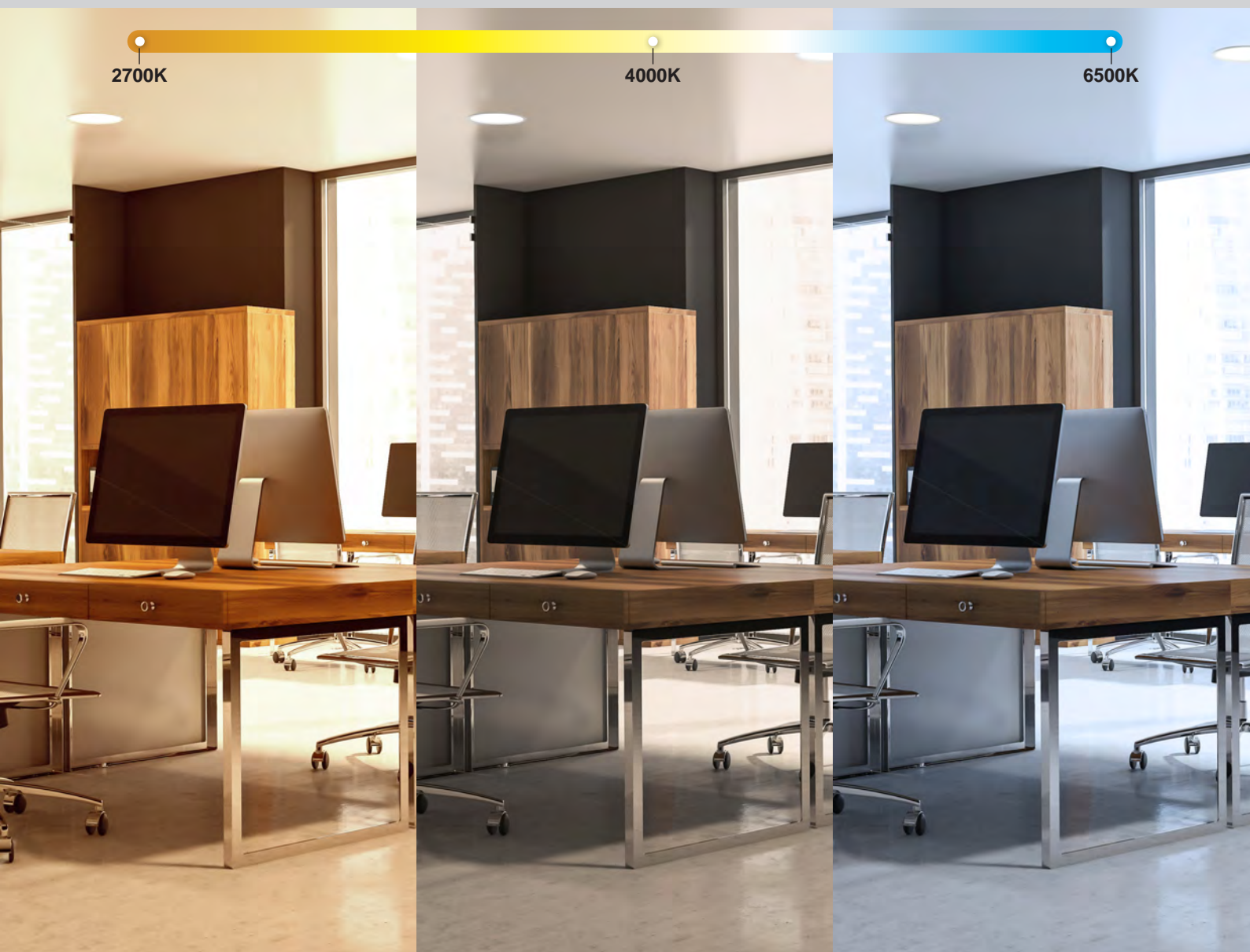


Complete... CCT Control

The Comfort LED Tunable White Downlight can achieve any specific colour temperature between 2700K and 6500K, ensuring suitability for a host of different application requirements. Full tunability of colour temperature controlled via the Casambi app.



105





Project - Paper Assist
Dublin, Ireland

Comfort LED CCT Downlight

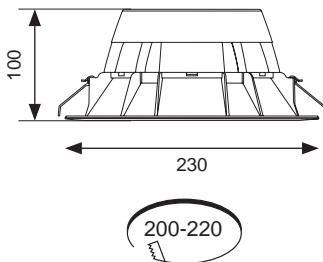
Supplied c/w Remote Driver



107



- Economic high performance IP44 downlight
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- One product provides both 3000K and 4000K colour temperature options
- Downlight design allows installation into existing hole cut-outs from 200mm to 220mm
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan L70 50,000 hours
- Dimmable and Emergency options



Integral CCT switch allows the installer choice of either 3000K or 4000K colour temperature options

LED Information

Total (Watts)	15W	22W
Lumens Delivered		
Cool White	1684lm	2241lm
Warm White	1509lm	2017lm
Lm/W Cool White	112lm	102lm
Lm/W Warm White	101lm	92lm
Beam Angle	60°	
CRI	Ra 80	
CCT	4000K	3000K
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 25°C	

Code	Lamp	Description
ACOLED1/CCT	LED	15W - Cool White / Warm White
ACOLED2/CCT	LED	22W - Cool White / Warm White

Options	/M3	Emergency
	/DM3	DALI Emergency
	/SM3	Self-test Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



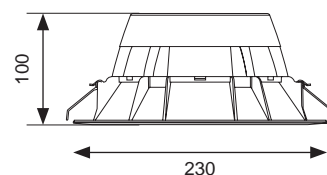
Comfort LED CCT HP Downlight

Supplied c/w Remote Driver



Integral CCT switch allows the installer choice of either 3000K or 4000K colour temperature options

- Economic high performance IP44 downlight
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- One product provides both 3000K and 4000K colour temperature options
- Downlight design allows installation into existing hole cut-outs from 200mm to 220mm
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan L70 50,000 hours
- Dimmable and Emergency options



LED Information

Total (Watts)	30W
Lumens Delivered	
Cool White	2789lm
Warm White	2514lm
Lm/W Cool White	93lm
Lm/W Warm White	84lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ACOLED3/CCT	LED	30W - Cool White / Warm White

Options		
/M3		Emergency
/DM3		DALI Emergency
/SM3		Self-test Emergency
/OCTO		OCTO Smart Control
/DD		Digital Dimming (DD1/DD2/DD3/DD4)



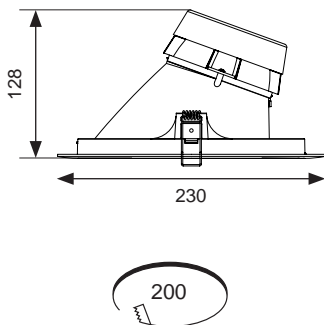
Comfort LED Wallwash

Supplied c/w Remote Driver



109

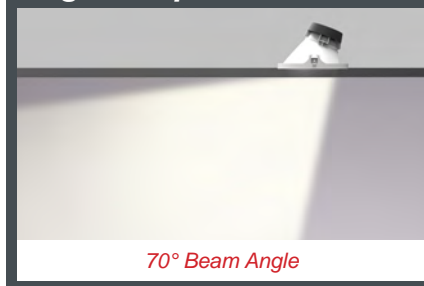
- Economic high performance IP44 wallwash
- Deep cut-off angle for glare control and comfort
- Osram LED technology and enhanced diffuser design for outstanding uniformity
- Design allows installation into existing hole-cut outs of 200mm
- Polycarbonate housing with unique thermal management for durability and optimum lifespan
- LED lifespan
L70 50,000 hours



Powered by
TRIDONIC
▼enlightening your ideas



Light Output Distribution



70° Beam Angle

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1187lm
Warm White	1113lm
Lm/W Cool White	70lm
Lm/W Warm White	66lm
Beam Angle	70°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
ACOLEDDWW/CW	LED	17W - Cool White
ACOLEDDWW/WW	LED	17W - Warm White

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - School Campus
Dudley, UK

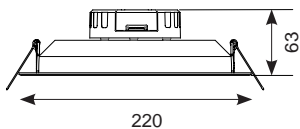
Vega LED Downlight

Supplied c/w Integral Driver



111

- Economic LED replacement for higher output PLC downlights
- Low profile design with integral driver for speed of installation
- 17W LED comparable to 2x18W PLC
- 23W LED comparable to 2x26W PLC
- LED lifespan L70 60,000 hours
- Non-dimmable



AVEGLED/1/WW



Low Profile Design



AVEGLED/1/CW

LED Information

Total (Watts)	17W	23W
Lumens Delivered		
Cool White	1435lm	1946lm
Warm White	1389lm	1860lm
Lm/W Cool White	84lm	84lm
Lm/W Warm White	82lm	83lm
Beam Angle	107°	
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-5°C to 45°C	

Code	Lamp	Description
AVEGLED/1/CW	LED	17W - Cool White
AVEGLED/2/CW	LED	23W - Cool White
AVEGLED/1/WW	LED	17W - Warm White
AVEGLED/2/WW	LED	23W - Warm White

Option	/M3	Emergency
--------	-----	-----------



Freska LED Downlight

Supplied c/w Remote Driver



AFRLED230/CW



AFRLED170/CW



AFRLED125/CW



Self-Test Emergency Pack

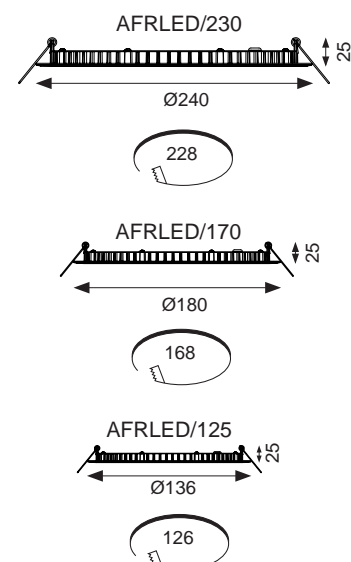
Ultra-Slim 25mm Profile Depth

Code	Lamp	Description
AFRLED125/CW	LED	10W - Cool White
AFRLED170/CW	LED	13W - Cool White
AFRLED230/CW	LED	19W - Cool White
AFRLED125/WW	LED	10W - Warm White
AFRLED170/WW	LED	13W - Warm White
AFRLED230/WW	LED	19W - Warm White

Option	AFRLED/M3/ST	Self-Test Emergency Pack
--------	--------------	--------------------------

Accessory	ASBP/12	7.2V 3000mAh Ni-cd Replacement Battery
-----------	---------	--

- Economic ultra-slim circular LED downlight
- Ideal for use in areas with shallow ceiling void
- Remote driver with plug and play connection
- Edge lit providing excellent uniform illumination
- 10W comparable performance to 13W PLC
- 13W comparable performance to 18W PLC
- 19W comparable performance to 26W PLC
- LED lifespan L70 30,000 hours
- Non-dimmable
- Optional plug-in self-test emergency pack suitable for all three models



LED Information

Total (Watts)	10W	
	13W	
	19W	
Lumens Delivered		
10W	618lm	534lm
13W	916lm	795lm
19W	1208lm	1152lm
Lm/W 10W	62lm	59lm
Lm/W 13W	70lm	61lm
Lm/W 19W	64lm	61lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 25°C	





Project - Radford Mill
Nottingham, UK

Lodi LED Slim Downlight

Supplied c/w Integral Driver



ALODLED/75/CW



ALODLED/95/WW

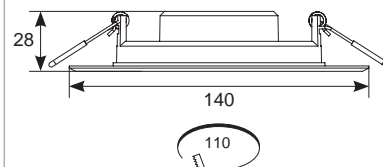
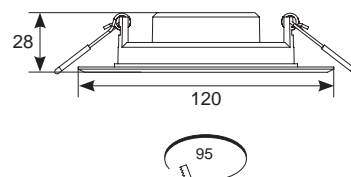
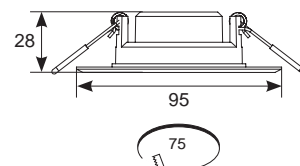


ALODLED/110/CW

Ultra-Slim 28mm Profile Depth

Code	Lamp	Description
ALODLED/75/CW	LED	4W - Cool White
ALODLED/95/CW	LED	8W - Cool White
ALODLED/110/CW	LED	11W - Cool White
ALODLED/75/WW	LED	4W - Warm White
ALODLED/95/WW	LED	8W - Warm White
ALODLED/110/WW	LED	11W - Warm White
Accessory ASLED/3NM	LED	1.5W Non-Maintained

- Economic polycarbonate circular LED downlight
- Low profile design with integral driver
- Ideal for use in areas with shallow ceiling voids
- 4W exceeds performance of 12W halogen
- 8W exceeds performance of 20W halogen
- 11W exceeds performance of 20W halogen
- Supplied pre-wired with 300mm of cable
- LED lifespan L70 25,000 hours



LED Information

Total (Watts)	4W	8W	11W
Lumens Delivered	Cool White	Warm White	
4W	307lm	286lm	
8W	620lm	589lm	
11W	740lm	683lm	
Lm/W 4W	77lm	71lm	
Lm/W 8W	79lm	76lm	
Lm/W 11W	68lm	62lm	
Beam Angle	100°		
CRI	Ra 80		
CCT	4000K		
	3000K		
Input	220V - 240V		
Hertz	50Hz		
Operating Temp	-15°C to 25°C		

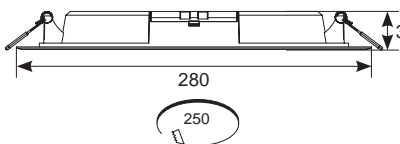
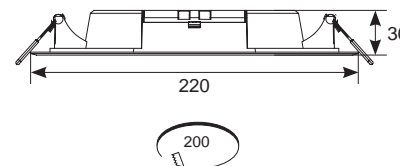
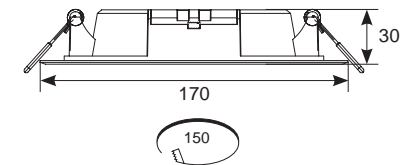
Lodi LED Slim Downlight

Supplied c/w Integral Driver

- Economic polycarbonate circular LED downlight
- Low profile design with integral driver
- Ideal for use in areas with shallow ceiling voids
- 16W exceeds performance of 1x18W PL-C
- 22W exceeds performance of 1x26W PL-C
- 25W comparable to 1x32W PL-T
- Supplied pre-wired with 300mm of cable
- LED lifespan L70 25,000 hours



115



LED Information

Total (Watts)	16W	
	22W	
	25W	
Lumens Delivered	Cool White	Warm White
16W	1089lm	1070lm
22W	1604lm	1527lm
25W	2035lm	1953lm
Lm/W 16W	72lm	66lm
Lm/W 22W	77lm	73lm
Lm/W 25W	85lm	80lm
Beam Angle	100°	
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220V - 240V	
Hertz	50Hz	
Operating Temp	-15°C to 25°C	



ALODLED/150/CW



ALODLED/200/WW



ALODLED/250/CW

Ultra-Slim 30mm Profile Depth

Code	Lamp	Description
ALODLED/150/CW	LED	16W - Cool White
ALODLED/200/CW	LED	22W - Cool White
ALODLED/250/CW	LED	25W - Cool White
ALODLED/150/WW	LED	16W - Warm White
ALODLED/200/WW	LED	22W - Warm White
ALODLED/250/WW	LED	25W - Warm White
Accessory	ASLED/3NM	LED 1.5W Non-Maintained

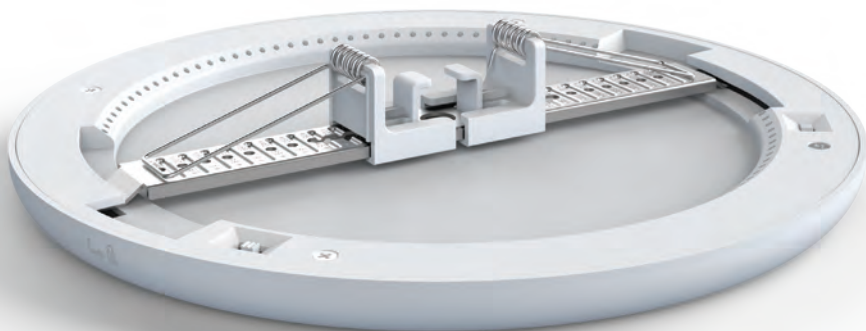


Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

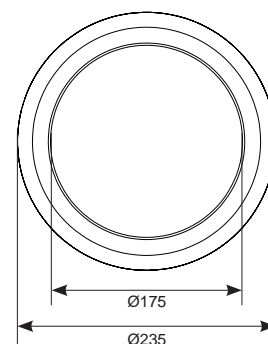
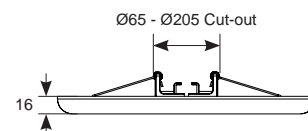


Anzo MultiLED CCT Adjustable Downlight

Supplied c/w Integral Driver



- Ultra-slim adjustable LED downlight
- Integral switches for multiple wattages and selectable CCT
- Innovative bracket / spring design for variable cut-outs from 65-205mm
- Pre-wired with 300mm cable
- LED lifespan L70 54,000 hours
- Non-dimmable

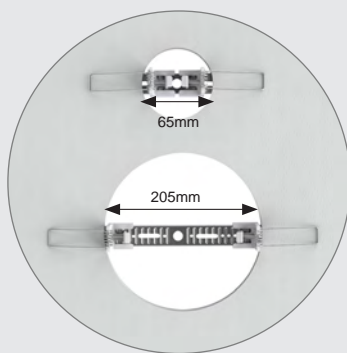


LED Information

Total (Watts)	10W/13W/16W		
Lumens Delivered	3000K	4000K	6000K
10W	1027lm	1077lm	1045lm
13W	1309lm	1409lm	1351lm
16W	1492lm	1636lm	1555lm
Lm/W 10W	103lm	108lm	105lm
Lm/W 13W	101lm	108lm	104lm
Lm/W 16W	93lm	102lm	97lm
CRI	Ra 80		
CCT	3000K		
	4000K		
	6000K		
Input	230V		
Hertz	50Hz		
Operating Temp	-20°C to 45°C		

Code	Lamp	Description
ANZOLED/CCT	LED	10W/13W/16W - Warm White/Cool White/Daylight





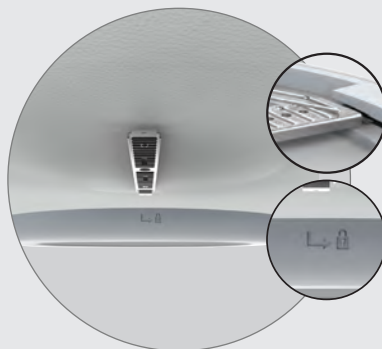
Adjustable Bracket Design

Innovative bracket design allows installation into variable cut-out sizes between 65mm-205mm, allowing for a varied range of installation options



Surface Mounting Option

Integral bracket also works as a surface mounting option. Simply disconnect from product housing and screw to the ceiling using the pre-drilled hole template guide, then using the easy twist and lock system twist the product into place



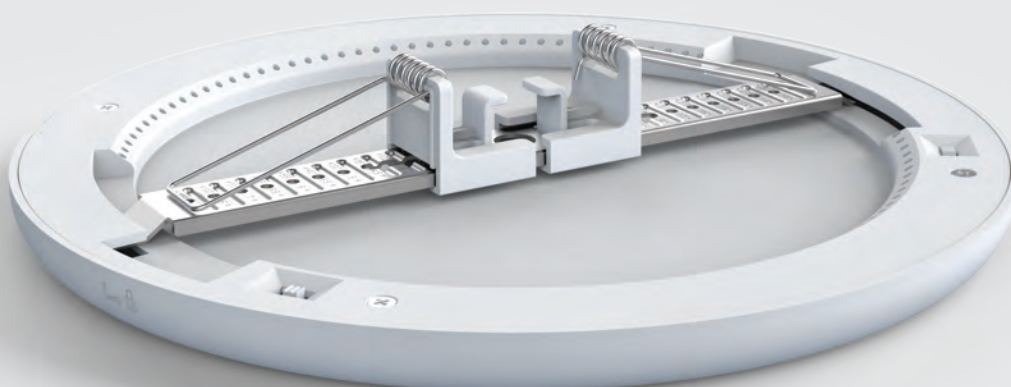
Easy Twist and Lock System

Once the mounting bracket is fixed to the ceiling connect the AC mains cable and twist the product into place over the bracket using the twist and lock icon as a guide



Integral Wattage and CCT Selectable Switches

Two integral switches located on the rear housing allow selection of 10W, 13W and 16W power output options. This coupled with the additional option of 3000K, 4000K and 6000K colour temperature options ensures suitability for a multitude of applications



Argo LED IP65 Downlight

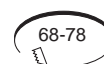
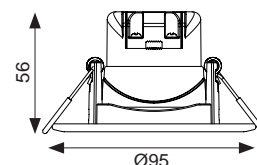
Supplied c/w Integral Driver



AARGD/CW



AARGD/WW



Chrome Trim Bezel Accessory



Satin Chrome Trim Bezel Accessory



Black Trim Bezel Accessory

Code	Lamp	Description
AARGD/CW	LED	5W - Cool White
AARGD/WW	LED	5W - Warm White

Accessories	AARGD/IP65BEZ/CH	Chrome Trim Bezel
	AARGD/IP65BEZ/SC	Satin Chrome Trim Bezel
	AARGD/IP65BEZ/BL	Black Trim Bezel

- Compact polycarbonate LED downlight
- IP65 rating as standard allows for a range of installation applications
- Low profile design with integral driver with loop-in, loop-out terminals for ease and speed of installation
- Option of chrome, satin chrome and black bezel accessories
- Exceeds performance of 35W halogen
- LED lifespan L70 25,000 hours
- Non-dimmable

LED Information

Total (Watts)	5W
Lumens Delivered	
Cool White	438lm
Warm White	427lm
Lm/W Cool White	87lm
Lm/W Warm White	85lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
	3000K
Input	220V - 240V
Hertz	50/60Hz
Operating Temp -	15°C to 40°C



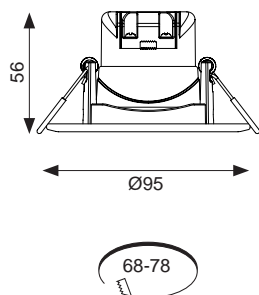
Argo LED Gimbal

Supplied c/w Integral Driver



119

- Recessed polycarbonate adjustable downlight with 25° tilt angle
- Multiple uses, including general downlighting, retail, cabinets and furniture applications
- Low profile design with integral driver with loop-in, loop-out terminals for ease and speed of installation
- Exceeds performance of 35W halogen
- LED lifespan L70 25,000 hours
- Non-dimmable



AARG/GIM/CW/W

LED Information

Total (Watts)	5W
Lumens Delivered	
Cool White	460lm
Warm White	400lm
Lm/W Cool White	92lm
Lm/W Warm White	80lm
Beam Angle	36°
CRI	Ra 80
CCT	4000K 3000K
Input	220V - 240V
Hertz	50/60Hz
Operating Temp	-15°C to 40°C



Code	Lamp	Description
AARG/GIM/CW/W	LED	5W - Cool White - White
AARG/GIM/WW/W	LED	5W - Warm White - White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

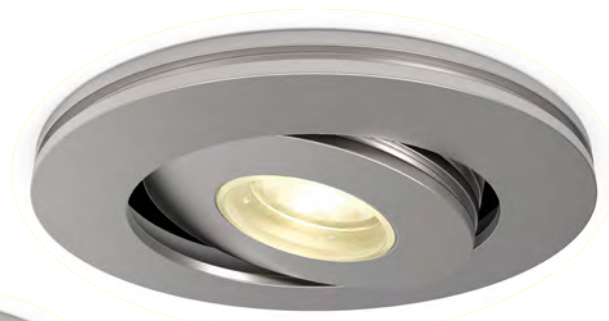
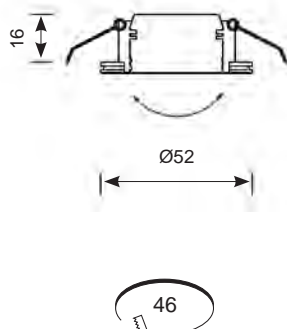




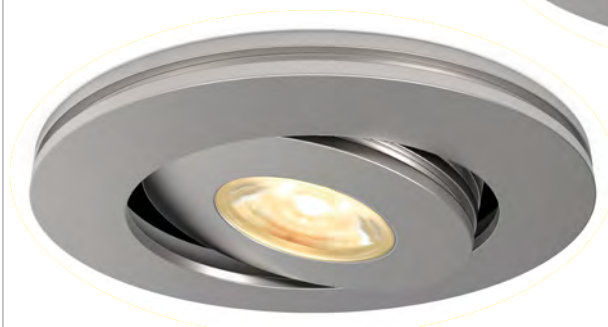


- Micro recessed adjustable downlight with 40° tilt angle.
- Multiple uses, including general illumination, retail, cabinets and furniture applications
- LED lifespan
L70 50,000 hours

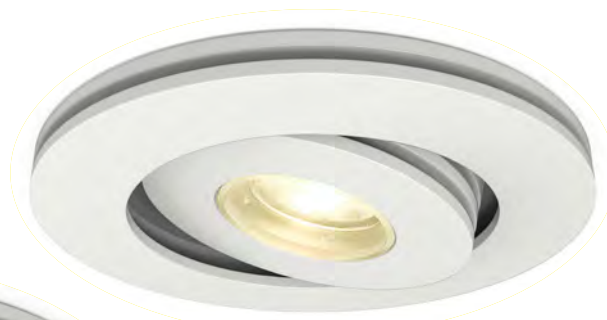
Note: Provision should be made for fitting of driver due to minimal cut-out diameter



AIGLED/CW



AIGLED/WW



AIGLED/CW/W



AIGLED/WW/W

LED Information

Total (Watts)	3W
Lumens Delivered	
Cool White	172lm
Warm White	141lm
Lm/W Cool White	31lm
Lm/W Warm White	28lm
Beam Angle	19°
CRI	Ra 80
CCT	4000K
	3000K
Input	700mA
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

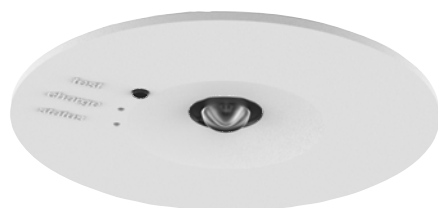
Code	Lamp	Description
AIGLED/CW	LED	3W - Cool White - Brushed Chrome
AIGLED/WW	LED	3W - Warm White - Brushed Chrome
AIGLED/CW/W	LED	3W - Cool White - White
AIGLED/WW/W	LED	3W - Warm White - White

Accessories	AD3W/700	3W 700mA LED Driver
	ADK12W/700	12W 700mA LED Driver
	ADK20W/700	20W 700mA LED Driver
	AMCD25W	25W 700mA Dimmable LED Driver
	AMCD50W	50W 700mA Dimmable LED Driver



Signal Pro LED Lithium Emergency Downlight

Supplied c/w Remote Driver and Battery Pack



ASPRLED/LI/3M/DA
Open Area Lens

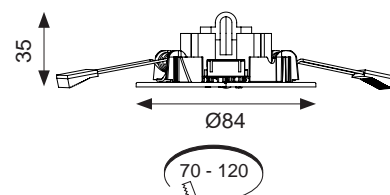


ASPRLED/LI/3M/DA
Escape Route Lens



ASPRLED/LI/3M/DA
Fitted with included Converter Plate Accessory

- Compact LED Non-Maintained fixed downlight
- LiFePO4 Lithium battery provides enhanced product lifetime
- 70mm to 120mm cut-out
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- DALI emergency as standard
- If not connected to DALI network Self-test mode operates automatically



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

	Escape route 2 metres wide (1 Lux minimum) *				

Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5		-	-	6	14
4		-	-	5.5	16
6		-	-	-	-

	Open (Anti-Panic) area (0.5 Lux Minimum)**				

Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5		4	8	4	8
4		4.7	9	4.7	9
6		4.9	9.5	4.9	9.5

LED Information

Total (Watts)	2.5W
Lumens Delivered Emergency Mode	
Open Area	209lm
Escape Route	201lm
Beam Angle	
Open Area	144°
Escape Route	143° x 120°
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5°C to 40°C

Code	Lamp	Description
ASPRLED/LI/3M/DA	LED	2.5W Non-Maintained

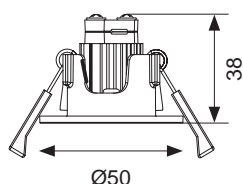
Accessory ASBP/19 6.4V 1500mAh LiFePO4 Lithium Replacement Battery



Signal LED Emergency Downlight

Supplied c/w Remote Driver and Battery Pack

- Economic and compact LED Non-Maintained fixed downlight
- Integral selector switch provides option of high/medium/low brightness of green charging indicator
- White and black powder coat paint finish
- LED combines power and green charge indicator
- Dimmable switch included for green charge indicator
- 3 hour emergency output



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

LED Information

Total (Watts)	1.5W
Lumens Delivered Emergency Mode	
ASLED/3NM	100lm
ASLED/3NM/B	107lm
Beam Angle	
ASLED/3NM	128°
ASLED/3NM/B	115°
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C



123



ASLED/3NM



ASLED/3NM/B

		Escape route 2 metres wide (1 Lux minimum) *				
		***	□ ↔ ▨	□ ↔ □	□ ↔ ▨	□ ↔ □
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	ASLED/3NM	3	8.5	3	8.5	
4	ASLED/3NM	3	9	3	9	
2.5	ASLED/3NM/B	2.7	7	2.7	7	
4	ASLED/3NM/B	2.6	7.5	2.6	7.5	

		Open (Anti-Panic) area (0.5 Lux Minimum)**				
		***	□ ↔ ▨	□ ↔ □	□ ↔ ▨	□ ↔ □
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	ASLED/3NM	3.6	7.5	3.6	7.5	
4	ASLED/3NM	3.6	10.5	3.6	10.5	
6	ASLED/3NM	3.6	11	3.6	11	
2.5	ASLED/3NM/B	3	6.3	3	6.3	
4	ASLED/3NM/B	3	9	3	9	
6	ASLED/3NM/B	3	10.5	3	10.5	

Code	Lamp	Description
ASLED/3NM	LED	1.5W Non-Maintained
ASLED/3NM/B	LED	1.5W Non-Maintained

Accessory ASBP/8 3.6V 2Ah Ni-Cd Replacement Battery



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

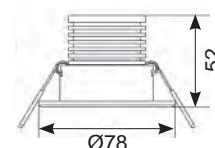


Beacon LED Emergency Adjustable Downlight

Supplied c/w Remote Driver and Battery Pack



- LED Non-Maintained adjustable die-cast aluminium downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- 22° beam angle



Escape route 2 metres wide (1 Lux minimum) *					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2	5.25	2	5.25
	4	2.5	6.5	2.5	6.5
	6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2.25	5.7	2.25	5.7
	4	2.5	7.1	2.5	7.1
	6	3	8.25	3	8.25

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

LED Information

Total (Watts) 5W

Lumens Delivered

Emergency Mode 248lm

Beam Angle 22°

CCT 6500K

Input 230V

Hertz 50/60Hz

Operating Temp 0°C to 40°C

Code	Lamp	Description
ABLED/3NM	LED	5W Non-Maintained

Accessory	ASBP/9	3.6V 4.5Ah Ni-Cd Replacement Battery
-----------	--------	--------------------------------------



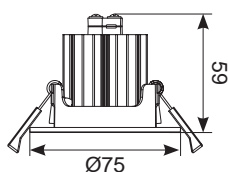
Beacon LED Fixed Emergency Downlight

Supplied c/w Remote Driver and Battery Pack



125

- LED Non-Maintained fixed polycarbonate downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- 123° beam angle



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

LED Information

Total (Watts) 5W

Lumens Delivered

Emergency Mode 316lm

Beam Angle 123°

CCT 6500K

Input 230V

Hertz 50Hz

Operating Temp 0°C to 40°C

Escape route 2 metres wide (1 Lux minimum) *					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	-	-	3	9.5
	4	-	-	3.3	11.5
	6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	3.5	8.9	3.5	8.9
	4	4	11.4	4	11.4
	6	4.5	12.9	4.5	12.9

Code	Lamp	Description
ABFLED/3NM	LED	5W Non-Maintained

Accessory	ASBP/9	3.6V 4.5Ah Ni-Cd Replacement Battery
-----------	--------	--------------------------------------



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Raven LED Lithium Emergency Downlight

Supplied c/w Integral Driver and Battery Pack



Emergency downlight with integral inverter and battery pack

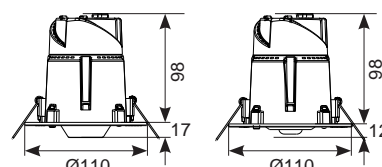


Escape Route



Open Area

- Recessed Self-test emergency downlight with self-contained inverter and battery pack
- LiFePO4 Lithium battery provides enhanced product lifetime
- Integral components for fast-fit installation
- Option of escape route or open area models
- High performance optic design
- Pre-wired with 150mm rubber insulated cable for ease of installation
- Up to 15 metres spacing between luminaires



Open Area

Escape Route



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

Escape route 2 metres wide (1 Lux minimum) *					

Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	-	-	4	10	
4	-	-	3	11	
6	**	**	**	**	

Open (Anti-Panic) area (0.5 Lux Minimum) **					

Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	2.5	4.88	2.5	4.88	
4	2.8	6.69	2.8	6.69	
6	2	8.5	2	8.5	

Code	Lamp	Description
Self-Test ARALED/ER/3NM/ST	LED	3W Non-Maintained - Escape Route
ARALED/OA/3NM/ST	LED	3W Non-Maintained - Open Area

Accessory ASBP/14	3.2V 2600mA Li-FePO4 Lithium Replacement Battery
--------------------------	--

LED Information

Total (Watts)	3W
Lumens Delivered	
Emergency Mode	
Open Area	114lm
Escape Route	90lm
Beam Angle	
Open Area	43.3°
Escape Route	142° x 49°
CCT	6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

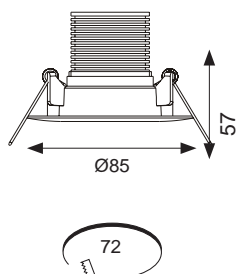
Merlin LED Emergency Downlight

Supplied c/w Remote Driver and Battery Pack

- Ultra-low profile recessed self-test emergency downlight
- Self-test as standard
- Option of escape route or open area models
- High specification optic design and performance allows increased spacing providing reduced cost
- Up to 19.6 metres spacing between luminaires



127



AMELED/OA/3NM/ST

AMELED/ER/3NM/ST/B

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

		Escape route 2 metres wide (1 Lux minimum) *			
		***	***	***	***
		Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall
AMELED/ER/3NM/ST	2.5	-	-	5.5	14
	4	-	-	7.5	19.6
AMELED/ER/3NM/ST/B	2.5	-	-	5	14
	4	-	-	7	19.5

		Open (Anti-Panic) area (0.5 Lux Minimum)**			
		***	***	***	***
		Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall
AMELED/OA/3NM/ST	2.5	3	6.5	3	6.5
	4	4	9.5	4	9.5
	6	5	11.5	5	11.5
AMELED/OA/3NM/ST/B	2.5	3	6	3	6
	4	4	9	4	9
	6	4.5	10	4.5	10

LED Information

Total (Watts)	5W	
Lumens Delivered		
Emergency Mode	/B	
Open Area	259lm	191lm
Escape Route	247lm	229lm
Beam Angle		
Open Area	110°	108°
Escape Route	140° x 53°	140 x 53°
CCT	6500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	0°C to 40°C	

	Code	Lamp	Description
Self-Test	AMELED/ER/3NM/ST	LED	5W Non-Maintained - Escape Route
	AMELED/OA/3NM/ST	LED	5W Non-Maintained - Open Area
	AMELED/ER/3NM/ST/B	LED	5W Non-Maintained - Escape Route
	AMELED/OA/3NM/ST/B	LED	5W Non-Maintained - Open Area

Accessory	ASBP/9	3.6V 4.5Ah Ni-Cd Replacement Battery	
-----------	--------	--------------------------------------	--

IP65 Falcon LED Surface Emergency Downlight

Supplied c/w Integral Driver and Battery Pack



AFALED/3NM/ST/IP65



AFALED/3NM/ST/IP65/B



Open Area Lens



Escape Route Lens

		Escape route 2 metres wide (1 Lux minimum) *				

Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	AFALED/ER/3NM/ST	-	-	4.2	10	
4		-	-	4.25	12	
2.5	AFALED/ER/3NM/ST/B	-	-	4	9.5	
4		-	-	3.6	11	

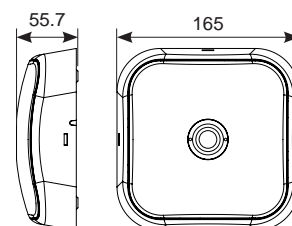
		Open (Anti-Panic) area (0.5 Lux Minimum)**				

Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	AFALED/OA/3NM/ST	2.5	5	2.5	5	
4		3.5	7.1	3.5	7.1	
6		4	9.8	4	9.8	
2.5	AFALED/OA/3NM/ST/B	2.5	4.8	2.5	4.8	
4		3.5	6.8	3.5	6.8	
6		4	9.8	4	9.8	

	Code	Lamp	Description
Self-Test	AFALED/3NM/ST/IP65	LED	3W Non-Maintained
	AFALED/3NM/ST/IP65/B	LED	3W Non-Maintained - Black

Accessory	ASBP/10	3.6V 3Ah Ni-Cd Replacement Battery
-----------	---------	------------------------------------

- Compact surface ultra-low profile self-test emergency downlight
- Self-test as standard
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- Up to 12 metres spacing between luminaires
- BESA mounting option



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

LED Information

Total (Watts)	3W	
Lumens Delivered		
Emergency Mode	White	Black
Open Area	152lm	142lm
Escape Route	138lm	116lm
Beam Angle		
Open Area	96°	96°
Escape Route	133° x 15°	135° x 17°
CCT	6500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	0°C to 40°C	



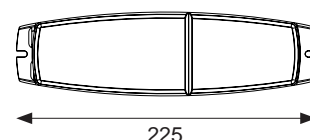
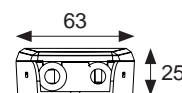


Project - Synecco
Galway , Ireland

Hawk Universal Lithium Emergency Kit



- Ultra-slim universal Self-test emergency convertor pack for LED luminaires
- Supplied c/w recessed LED indicator housing
- Ideal for most LED panels, Downlights and Linear products
- Compatible for LED luminaires with separate LED driver (Maximum 60V Forward Voltage)
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime



Forward Voltage	18V	23V	28V	33V	38V	43V
Output Current	59mA	60mA	60mA	62mA	62mA	62mA
Output Wattage	1.06W	1.38W	1.68W	2.05W	2.36W	2.67W

Forward Voltage	48V	53V	54V	55V	56V	60V
Output Current	62mA	62mA	62mA	62mA	62mA	62mA
Output Wattage	2.98W	3.29W	3.35W	3.41W	3.47W	3.70W

Code

Description

AHUEMKIT/LI

Maintained/Non-maintained - Universal Emergency Pack

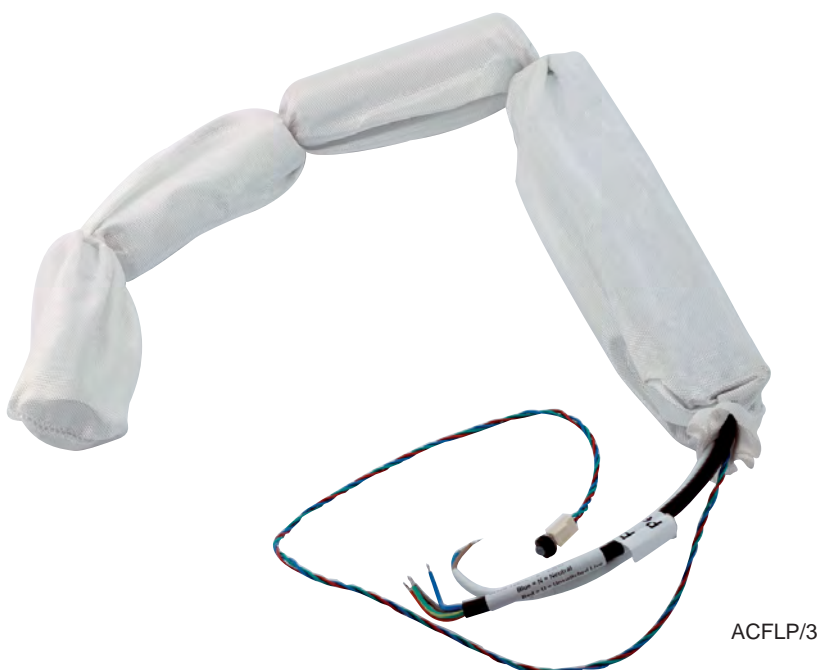
- Emergency lighting pack for use with LED and Mains GU10 CFL Lamps as follows:-

GU10 LED Lamps

Minimum: 3W

Maximum: 8W

- 55mm cut-out aperture
- Will provide 3 hour duration



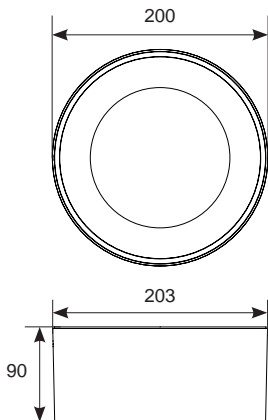
Code	Description
ACFLP/3	Maintained / Non-Maintained - LED



Comfort CCT LED Surface Downlight

Supplied c/w Integral Driver

- Shallow surface mounted circular back-lit LED downlight
- One product provides both 3000K and 4000K colour temperature options
- Push fit terminals for ease and speed of installation
- Discreet rear bracket mounting method
- Deep cut off angle for glare control and comfort
- 21W exceeds performance 1x32W PL
- 26W exceeds performance 2x26W PL
- 2 CCT options selectable
- LED lifespan
L70 50,000 hours

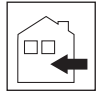


LED Information

Total (Watts)	21W	26W
Lumens Delivered		
Cool White	1931lm	2430lm
Warm White	1796lm	2352lm
Lm/W Cool White	92lm	94lm
Lm/W Warm White	85lm	91lm
Beam Angle	94°	
CRI	Ra 80	
CCT	3000K 4000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-20°C to 50°C	



Powered by
TRIDONIC
enlightening your ideas



133

Code	Lamp	Description
ASCOLED/1/CCT	LED	21W - Cool White/Warm White
ASCOLED/2/CCT	LED	26W - Cool White/Warm White

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

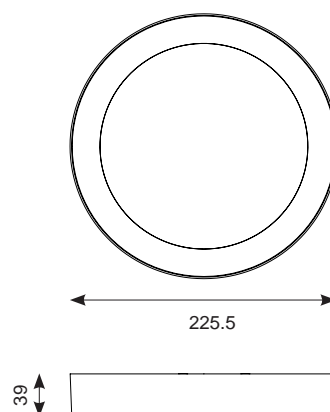


Freska Surface LED Downlight

Supplied c/w Integral Driver



- Shallow surface mounted circular edge-lit LED panel
- Simple twist and lock invisible fixing method enables ease and speed of installation
- Comparable performance to 26W PLC
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	18W
Lumens Delivered	
Cool White	1368lm
Warm White	1273lm
Lm/W Cool White	76lm
Lm/W Warm White	70lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
ASFRLED230/CW	LED	18W - Cool White
ASFRLED230/WW	LED	18W - Warm White



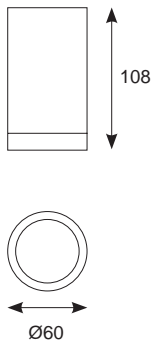
Rieti Surface LED Downlight

Supplied c/w Integral Driver



135

- Modern slim surface mounted LED downlight
- Die-cast aluminium construction with a matt white paint finish
- Suitable for domestic and commercial applications
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	659lm
Warm White	607lm
Lm/W Cool White	82lm
Lm/W Warm White	76lm
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
ARIELED/CW	LED	8W - Cool White
ARIELED/WW	LED	8W - Warm White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



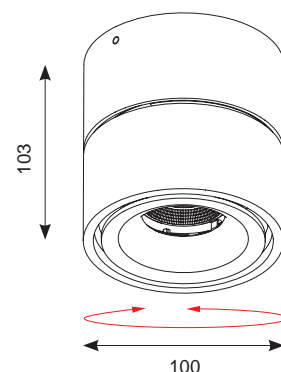
Uni LED

Supplied c/w Integral Driver



Fully adjustable to 90°

- Multi-functional adjustable surface mounting LED fixture
- Exceeds performance of 50W MR16 halogen
- 350° rotation and adjustable to 90°
- Suitable for use as ceiling mounting downlight or wall mounting in an upward or downward orientation
- Die-cast aluminium construction with a matt white paint finish
- LED lifespan L70 60,000 hours
- Triac dimmable as standard



LED Information

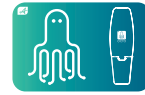
Total (Watts)	9W
Lumens Delivered	645lm
Lm/W	72lm
Beam Angle	31°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description
AUNIVLED	LED	9W - Warm White



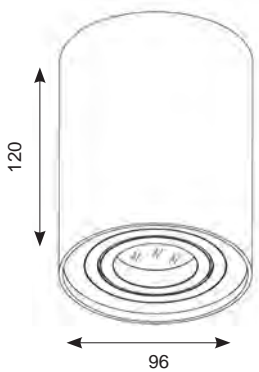
Novara Surface GU10

Supplied Less Lamp



137

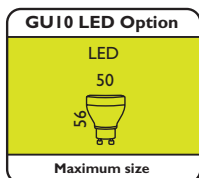
- Surface mounted GU10 downlight with tilt adjustment
- Suitable for GU10 LED, GU10 halogen and GU10 CFL lamps
- Aluminium construction
- 36° tilt angle and 355° rotation



ANSGU10/SC



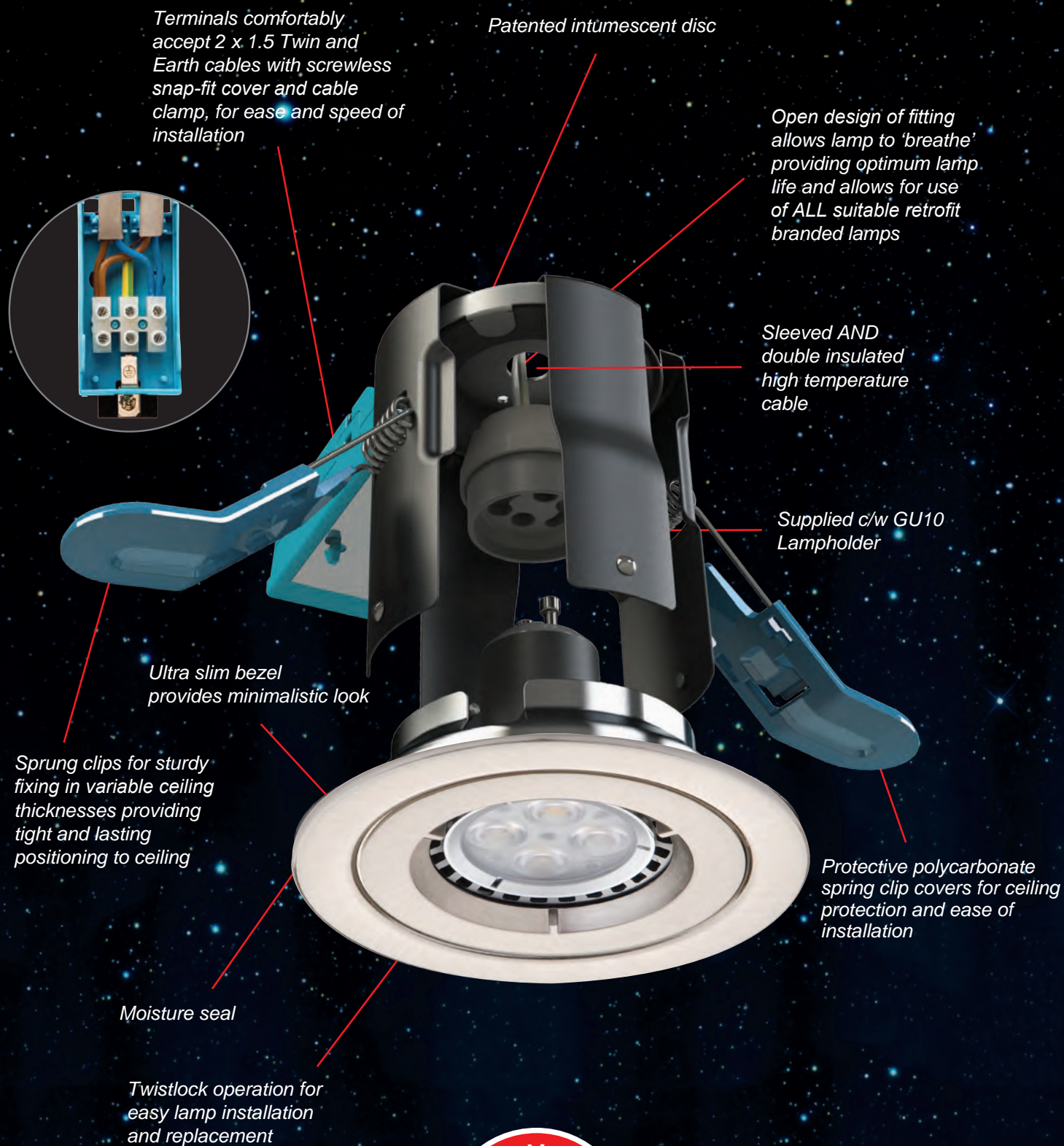
ANSGU10/W



Code	Lamp	Description
ANSGU10/W	GU10	White
ANSGU10/SC	GU10	Satin Chrome

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750







INNOVATIVE INTUMESCENT ACTION

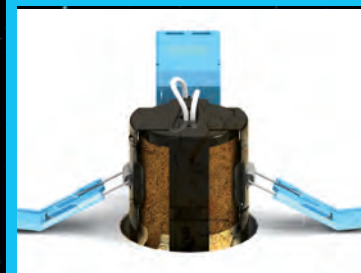
This patented and registered design, incorporates a unique intumescent reaction allowing a totally new concept as a cage constructed luminaire.

In comparison to existing fire rated enclosed can designs, iCage Mini and its components operate in a cooler environment and are not reliant on forward heat lamp to provide lower operating temperatures.

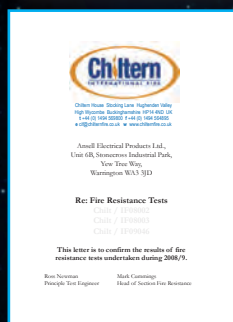
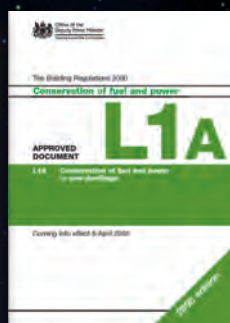
iCage Mini offers the installer and specifier comprehensive lamp options, including Part L Compliant LED as well as traditional halogen.



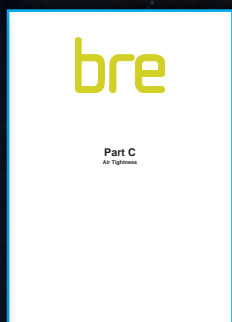
Normal Operation



Activated Intumescent



Part B
Test Nos.
30 Minutes Chilt/A/12229
60 Minutes Chilt/A/12230
90 Minutes Chilt/A/12231



Part C
Test Nos.
P100567



Part E
Test No.
BRE/254782

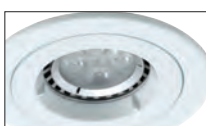


BEZEL OPTIONS

Fully tested in 30, 60 and 90 minute ceilings



White



Matt White



Brass



Chrome



Satin
Chrome



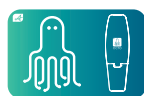
Antique
Brass



Black
Chrome

iCage Mini 50W GU10 Die-Cast Downlight

Supplied Less Lamp



AMICD/W



AMICD/MW



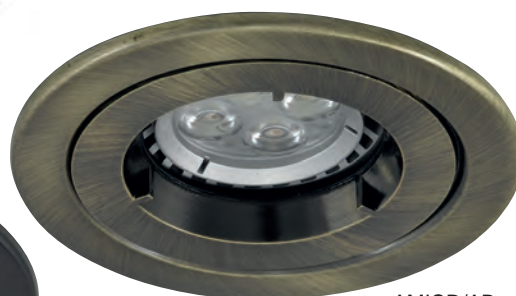
AMICD/BR



AMICD/CH



AMICD/SC



AMICD/AB



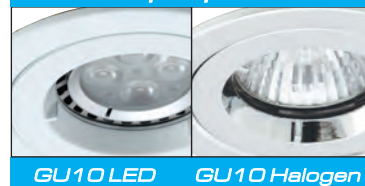
AMICD/BLC

Code	Lamp	Description
AMICD/W	GU10	50W - White
AMICD/MW	GU10	50W - Matt White
AMICD/BR	GU10	50W - Brass
AMICD/CH	GU10	50W - Chrome
AMICD/SC	GU10	50W - Satin Chrome
AMICD/AB	GU10	50W - Antique Brass
AMICD/BLC	GU10	50W - Black Chrome



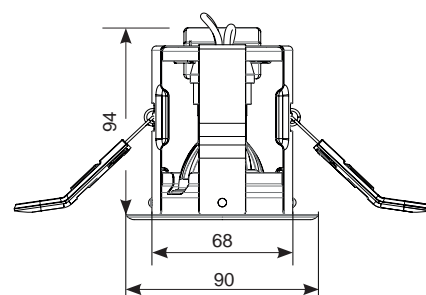
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Compact Fire Rated downlight for shallow ceiling voids

Lamp Options



GU10 LED

GU10 Halogen

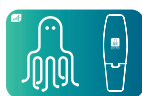




Project - The Liquor Store
Manchester, UK

iCage Mini 50W GU10 Die-Cast Gimbal

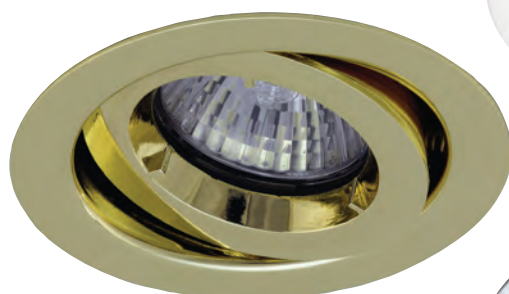
Supplied Less Lamp



AMICG/W



AMICG/MW



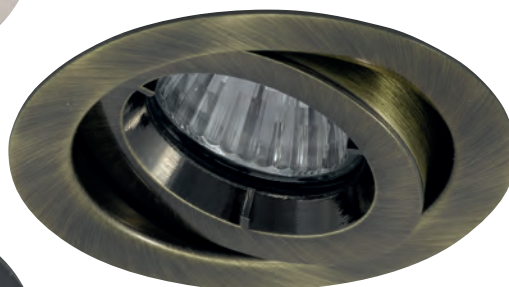
AMICG/BR



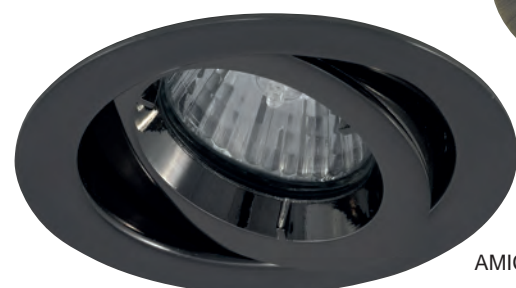
AMICG/CH



AMICG/SC



AMICG/AB



AMICG/BLC



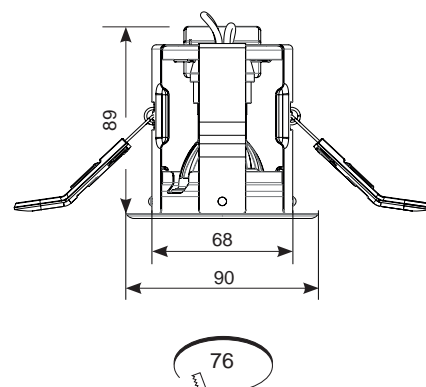
- Compact Fire Rated downlight for shallow ceiling voids
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile

Lamp Options



GU10 LED

GU10 Halogen



Code	Lamp	Description
AMICG/W	GU10	50W - White
AMICG/MW	GU10	50W - Matt White
AMICG/BR	GU10	50W - Brass
AMICG/CH	GU10	50W - Chrome
AMICG/SC	GU10	50W - Satin Chrome
AMICG/AB	GU10	50W - Antique Brass
AMICG/BLC	GU10	50W - Black Chrome



iCage Mini IP65 50W GU10 Die-Cast Downlight

Supplied Less Lamp



143

- Compact Fire Rated downlight for shallow ceiling voids
- Suitable for standard GU10 LED or halogen lamps retrofit
- Protective polycarbonate spring clip covers for ceiling protection and ease of installation
- Dedicated forward heat lamps NOT required
- Extra large terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile



AMICD/IP65/W



AMICD/IP65/MW



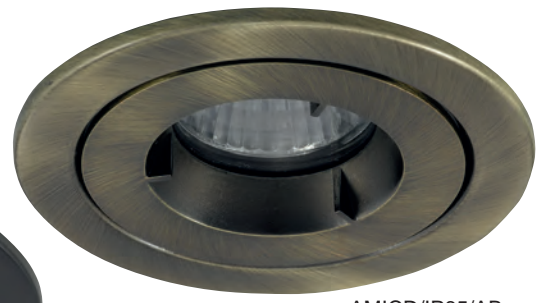
AMICD/IP65/BR



AMICD/IP65/CH



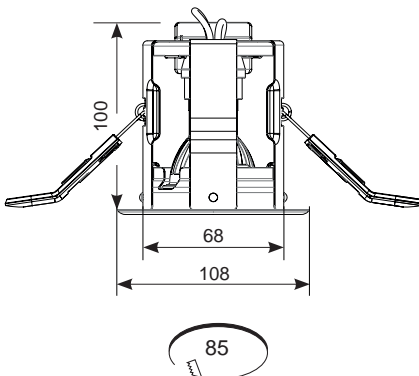
AMICD/IP65/SC



AMICD/IP65/AB



AMICD/IP65/BLC



Code	Lamp	Description
AMICD/IP65/W	GU10	50W - White
AMICD/IP65/MW	GU10	50W - Matt White
AMICD/IP65/BR	GU10	50W - Brass
AMICD/IP65/CH	GU10	50W - Chrome
AMICD/IP65/SC	GU10	50W - Satin Chrome
AMICD/IP65/AB	GU10	50W - Antique Brass
AMICD/IP65/BLC	GU10	50W - Black Chrome

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



EDGE™

GU10 / FRD

Optional insulation support allows the placing of continuous loft insulation to comply to Part L of Building Regulations

Terminals comfortably accept 2 x 1.5 Twin and Earth cables with screwless snap-fit cover and cable clamp, for ease and speed of installation

Sleeved and double insulated high temperature cable

Supplied c/w GU10 lampholder

Open design of fitting allows lamp to 'breathe' providing optimum lamp life and allows for use of ALL suitable retrofit branded lamps

Protective sheathing spring clips for ceiling protection and ease of installation

Intumescent disc

Acoustic cushion

Moisture seal

Available in matt white and plated finishes

Spring clips for sturdy fixing in variable ceiling thicknesses providing tight and lasting positioning to ceiling

Twistlock operation for easy lamp installation and replacement

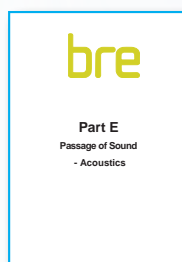
Product Certification



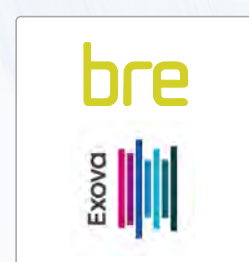
Part B
Test Nos.
30 Minutes - Exova WF383637
60 Minutes - Exova WF383638
90 Minutes - Exova WF383639



Part C
Test Nos.
BRE P107853-1001



Part E
Test No.
BRE P107853-1000



Edge GU10 Fire Rated Downlight

Supplied Less Lamp



145

- Suitable for standard GU10 halogen or LED lamps
- Protective sheathing spring clips for ease of installation and ceiling protection
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile
- Compact Fire Rated downlight for shallow ceiling voids



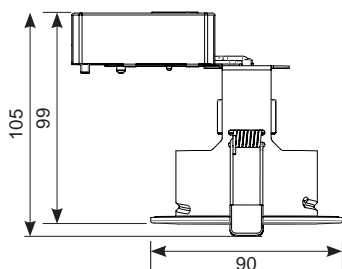
AEFRD/MW



AEFRD/CH



AEFRD/SC



Code	Lamp	Description
AEFRD/MW	GU10	50W - Matt White
AEFRD/CH	GU10	50W - Chrome
AEFRD/SC	GU10	50W - Satin Chrome

Accessories AEFRISD

Downlight Insulation Support

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Edge GU10 Fire Rated Gimbal

Supplied Less Lamp



EDGETM
GU10 / FRD



AEFRG/MW



AEFRG/CH



AEFRG/SC

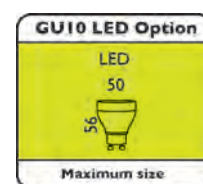
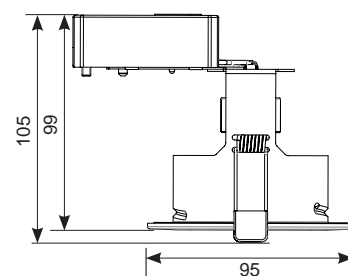
- Compact Fire Rated gimbal for shallow ceiling voids
- Suitable for standard GU10 halogen or LED lamps
- Protective sheathing spring clips for ceiling protection and ease of installation
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile

Lamp Options



GU10 LED

GU10 Halogen



Code	Lamp	Description
AEFRG/MW	GU10	50W - Matt White
AEFRG/CH	GU10	50W - Chrome
AEFRG/SC	GU10	50W - Satin Chrome

Accessories AEFRISG Gimbal Insulation Support



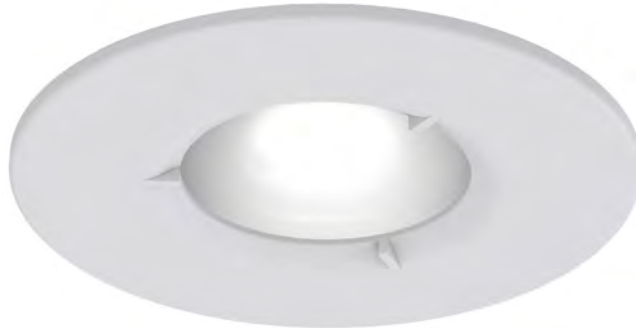
Edge GU10 IP65 Fire Rated Downlight

Supplied Less Lamp



147

- Compact Fire Rated IP65 downlight for shallow ceiling voids
- Suitable for standard GU10 halogen or LED lamps
- IP65 ingress protection allows a range of installation options
- Protective sheathing spring clips for ceiling protection and ease of installation
- Push fit terminals for fast loop-in, loop-out wiring
- Twistlock lamp retaining ring for ease of lamp replacement
- Ultra-slim bezel profile



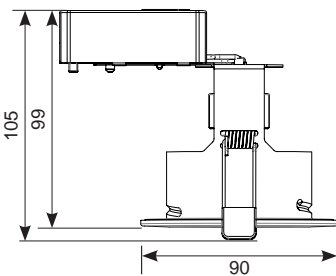
AEFRD/IP65/MW



AEFRD/IP65/CH



AEFRD/IP65/SC



Code	Lamp	Description
AEFRD/IP65/MW	GU10	50W - Matt White
AEFRD/IP65/CH	GU10	50W - Chrome
AEFRD/IP65/SC	GU10	50W - Satin Chrome

Accessories AEFRISD

Downlight Insulation Support

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Lyric GU10

Supplied Less Lamp



ALGU10/1



ALGU10/1/MW



ALGU10/2/MW



ALGU10/2

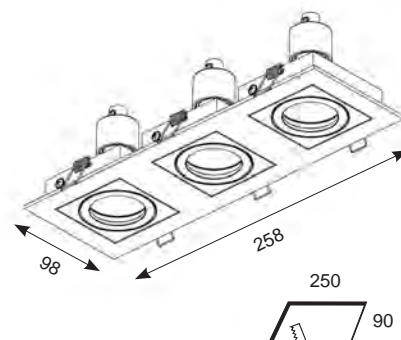
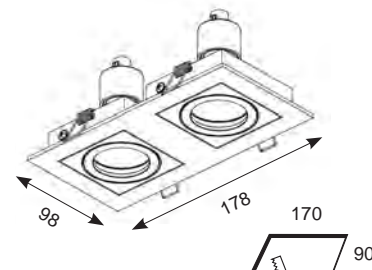
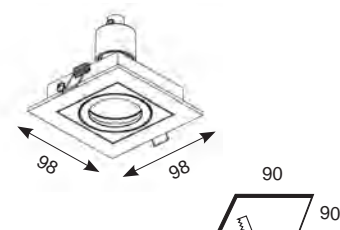


ALGU10/3



ALGU10/3/MW

- Recessed display downlights adjustable on two axes
- Suitable for GU10 LED, GU10 halogen and GU10 CFL lamps
- Die-cast aluminium construction with brushed satin finish



Depth less stirrup bracket: 24
Depth with stirrup fitted: 125



Code	Lamp	Description
ALGU10/1	GU10	1 x 50W - Brushed Satin
ALGU10/2	GU10	2 x 50W - Brushed Satin
ALGU10/3	GU10	3 x 50W - Brushed Satin

ALGU10/1/MW	GU10	1 x 50W - Matt White
ALGU10/2/MW	GU10	2 x 50W - Matt White
ALGU10/3/MW	GU10	3 x 50W - Matt White



Twistlock GU10 50W Die-Cast Downlight

Supplied Less Lamp

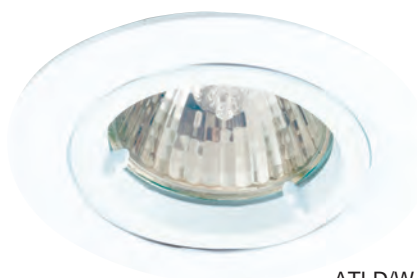
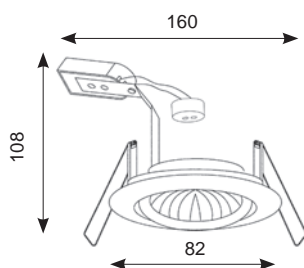


149

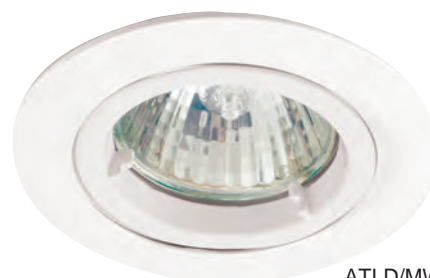
- Manufactured from high grade die-cast aluminium
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing for ease of wiring



ATL/BA fitted into Twistlock
Low glare baffle adaptor



ATLD/W



ATLD/MW



ATLD/BR



ATLD/CH



ATLD/SC



ATLD/AB



ATLD/BLC

Code	Lamp	Description
ATLD/W	GU10	50W - White
ATLD/MW	GU10	50W - Matt White
ATLD/BR	GU10	50W - Brass
ATLD/CH	GU10	50W - Chrome
ATLD/SC	GU10	50W - Satin Chrome
ATLD/AB	GU10	50W - Antique Brass
ATLD/BLC	GU10	50W - Black Chrome

Accessories ATL/BA

Low Glare Baffle Adaptor

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



1986	R. COLEMAN	2005	A. HAGUE
1987	B. E. SMITH	2006	T. J. MAXIM
1988	R. ALLSOP	2007	M. STACEY
1989	K. LEWIS	2008	J. BEAUMONT
1990	P. H. SMITH	2009	P. T. ORTON
1991	E. DUDLEY	2010	R. A. EYLEY
1992	C. E. RAWLINSON	2011	T. KING
1993	J. C. KIRKPATRICK	2012	F. C. MARRIOTT
1994	E. BALL	2013	S. P. WOODWARD
1995	J. W. TYLER	2014	A. CHAMBERS
1996	O. KING	2015	A. S. TYLER
1997	J. B. WALTERS	2016	L. S. MUSSON
1998	R. HORTON	2017	T. J. RYAN
1999	G. D. BURGESS	2018	G. P. PATMAN
2000	A. D. CRAFTS		
2001	R. H. MARSH		
2002	S. D. MATTHEWS		
2003	A. HILL		
2004	G. L. STENT		



Project - Coxmoor Golf Club
Sutton-in-Ashfield, UK

Twistlock GU10 50W Die-Cast Gimbal

Supplied Less Lamp

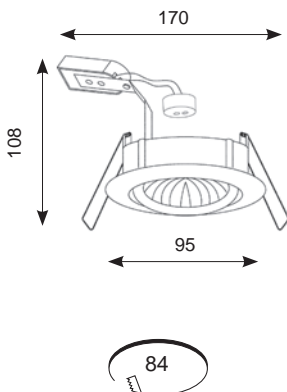


151

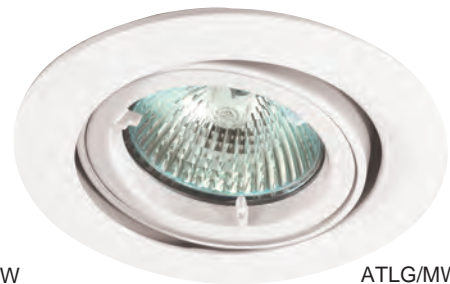
- Manufactured from high grade die-cast aluminium
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing for ease of wiring
- 30 degree tilt angle



ATL/BA fitted into Twistlock
Low glare baffle adaptor



ATLG/W



ATLG/MW



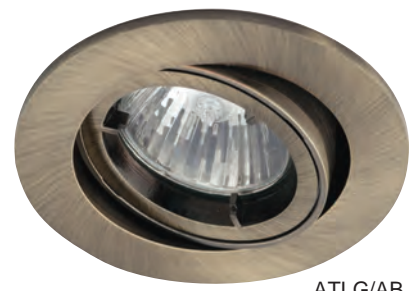
ATLG/BR



ATLG/CH



ATLG/SC



ATLG/AB



ATLG/BLC

Code	Lamp	Description
ATLG/W	GU10	50W - White
ATLG/MW	GU10	50W - Matt White
ATLG/BR	GU10	50W - Brass
ATLG/CH	GU10	50W - Chrome
ATLG/SC	GU10	50W - Satin Chrome
ATLG/AB	GU10	50W - Antique Brass
ATLG/BLC	GU10	50W - Black Chrome

Accessories ATL/BA

Low Glare Baffle Adaptor

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Twistlock GU10 50W Die-Cast Square Gimbal

Supplied Less Lamp



ATLSQG/W

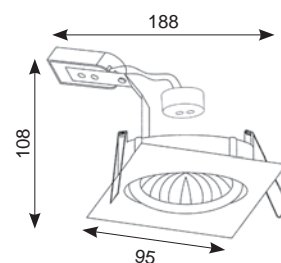


ATLSQG/CH

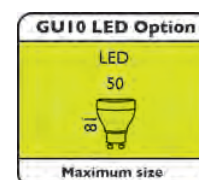


ATLSQG/SC

- Permanent earth on stirrup bracket for GU10 mains earthing
- 30 degree tilt angle



ATL/BA fitted into Twistlock Low glare baffle adaptor



Code	Lamp	Description
ATLSQG/W	GU10	50W - White
ATLSQG/CH	GU10	50W - Chrome
ATLSQG/SC	GU10	50W - Satin Chrome

Accessories ATL/BA Low Glare Baffle Adaptor







Project - The Curve
Nottingham, UK

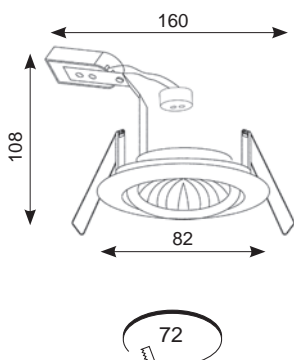
Twistlock GU10 35W IP44 Die-Cast Downlight

Supplied Less Lamp



155

- IP44 downlight suitable for bathrooms



ATL/BA fitted into Twistlock
Low glare baffle adaptor



ATLVD/IP44/W



ATLVD/IP44/CH



ATLVD/IP44/SC

Code	Lamp	Description
ATLVD/IP44/W	GU10	35W - White
ATLVD/IP44/CH	GU10	35W - Chrome
ATLVD/IP44/SC	GU10	35W - Satin Chrome

Accessory **ATL/BA** Low Glare Baffle Adaptor

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Twistlock GU10 IP65 Downlight

Supplied Less Lamp



IP65 ATLD/IP65/W



IP65 ATLD/IP65/MW



IP65 ATLD/IP65/CH



IP65 ATLD/IP65/SC

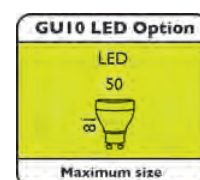
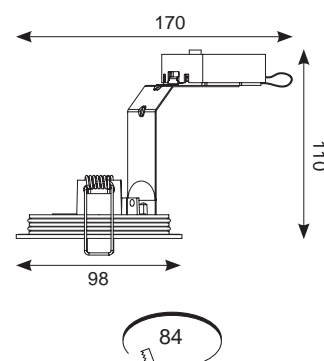
Code	Lamp	Description
ATLD/IP65/W	GU10	50W - White
ATLD/IP65/MW	GU10	50W - Matt White
ATLD/IP65/CH	GU10	50W - Chrome
ATLD/IP65/SC	GU10	50W - Satin Chrome

ATL/BA Low Glare Baffle Adaptor

- IP65 downlight suitable for bathroom use
- Die-cast aluminium construction with clear glass
- Permanent earth on stirrup bracket for GU10 mains earthing
- Generous size of terminal housing for ease of wiring



ATL/BA fitted into Twistlock
Low glare baffle adaptor



CE **IP65**

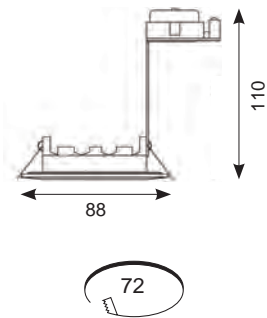
IP65 GU10/MR16 Die-Cast Bathroom Downlight

Supplied Less Lamp



157

- IP65 solid die-cast aluminium construction
- Supplied with MR16 and GU10 lampholders
- Clear glass



ABD/W



ABD/CH



ABD/SC

Code	Lamp	Description
ABD/W	GU10/MR16	50W - White
ABD/CH	GU10/MR16	50W - Chrome
ABD/SC	GU10/MR16	50W - Satin Chrome





Project - Private Residential
Warrington, UK

Twistlock GU10 / 35W IP44 Outdoor Die-Cast Gimbal

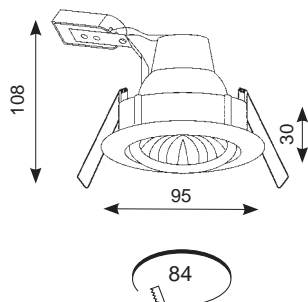
Supplied Less Lamp



159

- IP44 rated for exterior applications
- DuPont paint finish with 20 year guarantee

Suitable for GU10 LED only



ATLVOG/IP44/W



ATLVOG/IP44/SG

Suitable for external
soffit applications



ATLVOG/IP44/B



Code	Lamp	Description
ATLVOG/IP44/W	GU10*	35W - White
ATLVOG/IP44/B	GU10*	35W - Black
ATLVOG/IP44/SG	GU10*	35W - Silver Grey

*GU10 LED Only

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Converter Kit Low Voltage and GU10

Supplied Less Lamp

160



ACP/W



ACP/CH

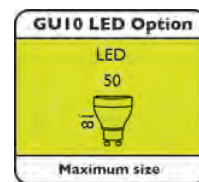
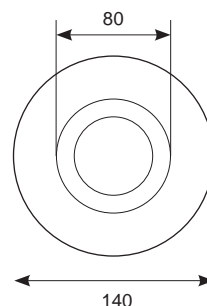


ACP/SC

- Retrofit converter kit to replace mains reflector downlights (R50, R64, R80) and eyeballs (R50, R64)
- Supplied with converter plate, downlight and a choice of low voltage and GU10 lampholders for MR16, GU10, CFL or LED lamp sources



Variable 70-98mm



Code	Lamp	Description
ACP/W	GU10 / MR16	50W - White
ACP/CH	GU10 / MR16	50W - Chrome
ACP/SC	GU10 / MR16	50W - Satin Chrome



MR16 GU10

- Fully tested for 60 minute fire protection
- Quick and easy installation from below or above the ceiling
- Ventilated to avoid over heating of light fittings

When selecting the size of firehood required, please allow the following minimum clearances around the downlight:
Horizontal: 40mm
Vertical: 15mm

Fire Hoods



Fire Hood

Hoods	Code	Cover Size (mm)	
	Standard Cover	Dia.	Height
	ADLC/0	150 x 120	
	ADLC/1	130 x 70	
	ADLC/2	130 x 100	
	ADLC/4	180 x 130	
	ADLC/6	260 x 120	
	ADLC/7	260 x 230	
	ADLC/8	300 x 170	
	ADLC/9	350 x 230	

Spare Lampholders

- Replacement lampholders



ASGU10L

Code	Description
ASGU10L	GU10 Stirrup Lampholder with earth

24V Circuit

Track System with Push-fit and Lock Connection

24V Track

163



24V Accessories

164



Unity Mini 24V Trackspot

165



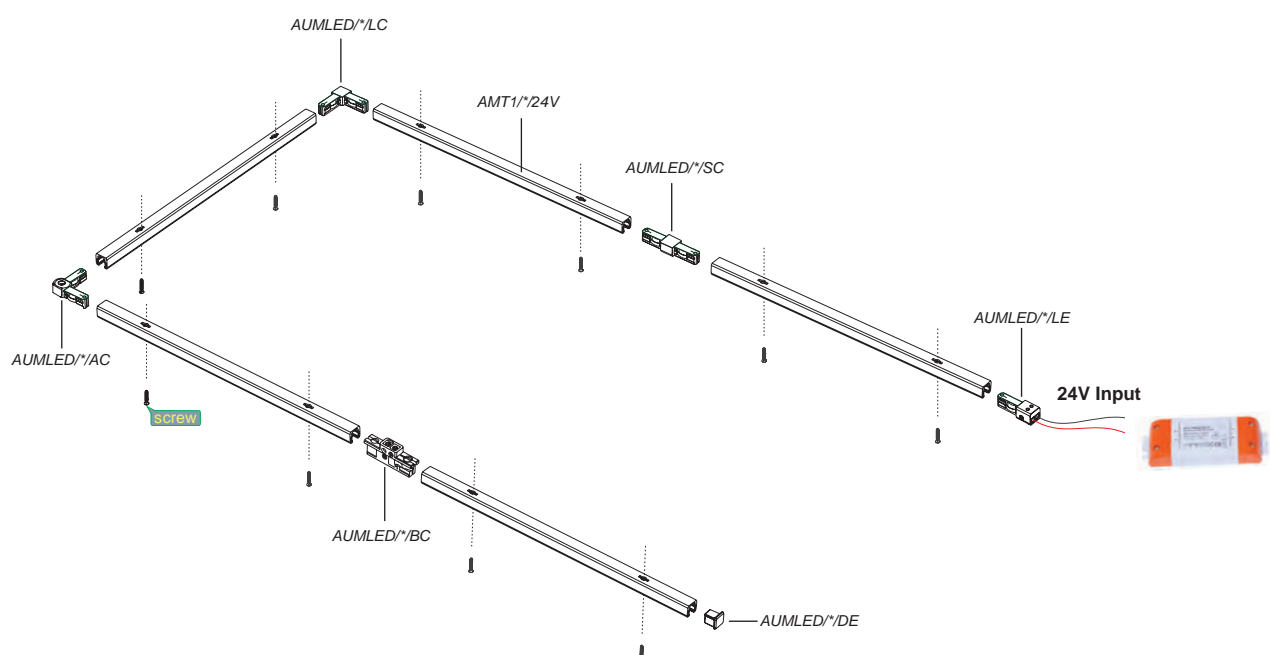
24V Circuit Track Planning System



Live End

Straight
ConnectorAdjustable
ConnectorButt
ConnectorL Shape
Connector

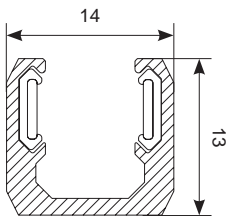
Dead End



Mini 24V Single Circuit Track

Supplied c/w Live and End Cap

- Mini 24VDC track system ideal for discrete display applications
- Track supplied c/w live and (Earth left) and dead end
- Range of accessories offered providing flexibility p164



Code	Description			
AMT1/W/24V	1 Metre - White			
AMT1/B/24V	1 Metre - Black			
ADK15W/24V	15W	123	45	19
ADK60W/24V	60W	180	52	36
ADK120W/24V	120W	300	40	30
ADK200W/24V	200W	207	37	68.5

Unity Mini 24V Adjustable Trackspot Accessories



- Extensive range of accessories for Mini 24V adjustable trackspot



Live End Connector

Code	Description
------	-------------

AUMLED/W/LE	White
AUMLED/B/LE	Black



Straight Connector

AUMLED/W/SC	White
AUMLED/B/SC	Black



Adjustable Connector

AUMLED/W/AC	White
AUMLED/B/AC	Black



Butt Connector

AUMLED/W/BC	White
AUMLED/B/BC	Black



L Shape Connector

AUMLED/W/LC	White
AUMLED/B/LC	Black



Dead End

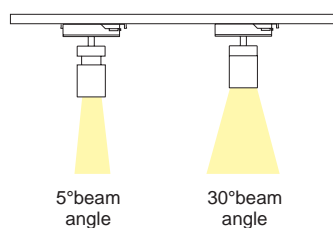
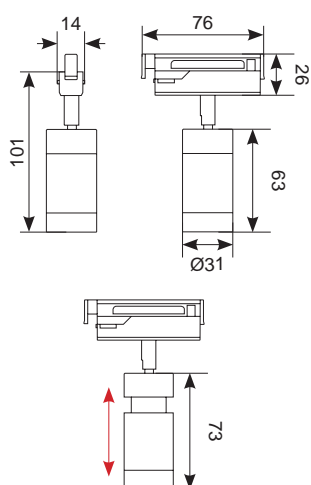
AUMLED/W/DE	White
AUMLED/B/DE	Black

Unity Mini 24V Adjustable Trackspot

Supplied c/w Integral Driver

165

- Compact mini 24VDC track spot
- Adjustable beam angle from 5° to 30° for highly efficient and uniform light output
- Dimmable as standard, using integrated dial from 5% to 100%
- 355° rotation with 0-180° tilt on the bracket
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	7W	
Lumens Delivered	30°	5°
Cool White	267lm	146lm
Warm White	225lm	144lm
Lm/W Cool White	38lm	21lm
Lm/W Warm White	36lm	21lm
CRI	Ra 90	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 25°C	



Spot head extends narrowing the light output to a 5° beam creating a highly efficient and uniform light output



Slim and ultra-compact design provides modern and discrete appearance

Code	Lamp	Description
AUMLED/W/CW	LED	7W - Cool White - White
AUMLED/B/CW	LED	7W - Cool White - Black
AUMLED/W/WW	LED	7W - Warm White - White
AUMLED/B/WW	LED	7W - Warm White - Black



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Single Circuit

Track and Surface System with Push-fit and Lock Connection



167

GU10 Mains Voltage
Track Pack



168

Como 50W GU10
Mains



169

Dara 50W GU10 Mains



170

Zita 50W GU10 Mains



171

Lanzia 50W GU10
Mains



173

Mains Track and
Accessories



177

Unity 1 Low Profile
Mains



178

Unity 2 Low Profile
Mains



179

Unity 0 LED Mains



180

Unity 1 LED Mains



182

Unity 2 LED Mains



184

Unity 3 LED Mains



185

Unity 4 LED Mains

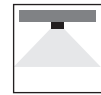


186

Unity Wallwash Mains

Single Circuit GU10 Mains Voltage Track Pack

Supplied Less Lamp



167

- 1 Metre track
- Track supplied with live and dead ends
- Optional trim ring included
- Full range of accessories available to join track packs



AMTP1/W

AMTP1/SS
Fitted Trim Ring



Code	Lamp	Description
AMTP1/W	GU10	3 x 50W - White
AMTP1/SS	GU10	3 x 50W - Satin Silver



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Single Circuit Como 50W GU10 Mains

Supplied Less Lamp



ACOGU10S/SS

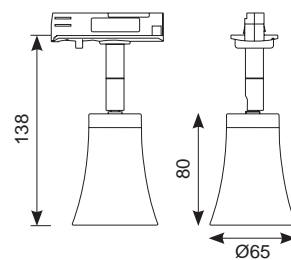


ACOGU10S/W



ACOGU10S/B

- Modern track spot
- Design of housing accommodates varied lamp lengths up to 56mm
- 355° rotation, spot head tilt angle to 90°



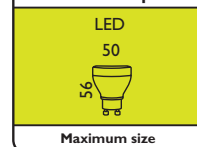
Mains Voltage
Track Mounted



Mains Surface
Monopoint



GU10 LED Option



Code	Lamp	Description
ACOGU10S/W	GU10	White
ACOGU10S/B	GU10	Black
ACOGU10S/SS	GU10	Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver



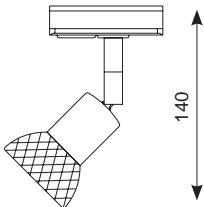
Single Circuit Dara 50W GU10 Mains

Supplied Less Lamp

- 355° rotation, spot head tilt angle to 90°



169



Mains Voltage
Track Mounted



Mains Surface
Monopoint



ADGU10S/SS



ADGU10S/W



ADGU10S/B

Code	Lamp	Description
ADGU10S/W	GU10	White
ADGU10S/B	GU10	Black
ADGU10S/SS	GU10	Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Single Circuit Zita 50W GU10 Mains

Supplied Less Lamp

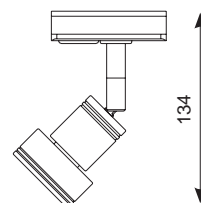


AZGU10S/W



AZGU10S/SS
Fitted Trim Ring

- Modern sleek spotlight with option of trim ring to encapsulate lamp
- 355° rotation, spot head tilt angle to 90°



Mains Voltage
Track Mounted



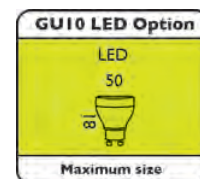
Mains Surface
Monopoint



Code	Lamp	Description
AZGU10S/W	GU10	White
AZGU10S/SS	GU10	Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/SS	Surface Monopoint - Satin Silver

AZTR/W	Trim Ring - White
AZTR/SS	Trim Ring - Satin Silver



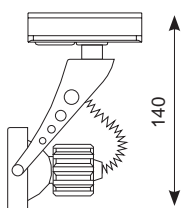
Single Circuit Lanzia 50W GU10 Mains

Supplied Less Lamp

- 355 degree rotation, spot head tilt angle to 90°



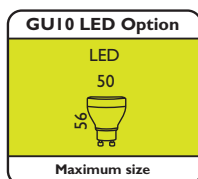
171



Mains Voltage
Track Mounted



Mains Surface
Monopoint



ALGU10S/B



ALGU10S/SS



ALGU10S/W

Code	Lamp	Description
ALGU10S/W	GU10	White
ALGU10S/B	GU10	Black
ALGU10S/SS	GU10	Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Paper Assist
Dublin, Ireland

Mains Voltage 16A Single Circuit Track

Supplied c/w Live and Dead End

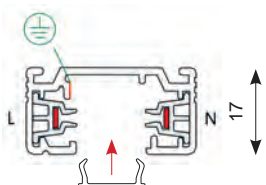


173

- 240V 16A mains track system for low voltage and mains fittings
- Option of surface mounting or suspended
- Track supplied c/w live end (Earth left) and dead end
- Maximum mechanical loading of 50N
- Track inserts can be cut to desirable lengths



Generous Terminal Capacity



Track Cross Section



Single Circuit Track Insert



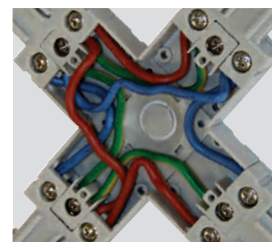
	Code	Description
1 Metre	AMT1/W	1 Metre - White
	AMT1/B	1 Metre - Black
	AMT1/SS	1 Metre - Satin Silver
2 Metre	AMT2/W	2 Metre - White
	AMT2/B	2 Metre - Black
	AMT2/SS	2 Metre - Satin Silver
Accessories	AMTINS/W	2 Metre - White Track Insert
	AMTINS/B	2 Metre - Black Track Insert
	AMTINS/SS	2 Metre - Satin Silver Track Insert



Mains Voltage 16A Single Circuit Track Accessories



- Extensive range of accessories for track and track packs
- Option of left and right feed for Live end, L and T connectors



Flexible incoming wiring access

Code Description



Live End -
Earth Left

AMTLE/PL/W	White
AMTLE/PL/B	Black
AMTLE/PL/SS	Satin Silver



Live End -
Earth Right

AMTLE/PR/W	White
AMTLE/PR/B	Black
AMTLE/PR/SS	Satin Silver



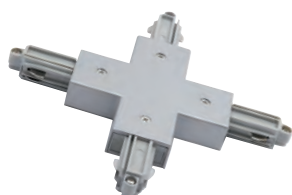
Butt
Connector

AMTBC/W	White
AMTBC/B	Black
AMTBC/SS	Satin Silver



Straight
Connector

AMTSC/W	White
AMTSC/B	Black
AMTSC/SS	Satin Silver



X-Connector

AMTXC/W	White
AMTXC/B	Black
AMTXC/SS	Satin Silver



Dead End

AMTDE/W	White
AMTDE/B	Black
AMTDE/SS	Satin Silver



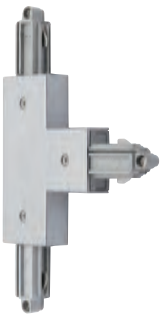
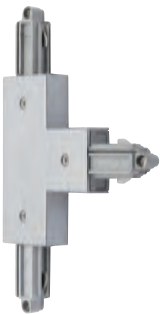
Surface Monopoint with
Unity 2 LED Mains fitting

Mains Voltage 16A Single Circuit Track Accessories

- Extensive range of accessories for track and track packs
- Option of left and right feed for Live end, L and T connectors



175

	Code	Description
	AMTLC/PI/W	White
	AMTLC/PI/B	Black
	AMTLC/PI/SS	Satin Silver
	AMTLC/PO/W	White
	AMTLC/PO/B	Black
	AMTLC/PO/SS	Satin Silver
	AMTTC/PI/W	White
	AMTTC/PI/B	Black
	AMTTC/PI/SS	Satin Silver
	AMTTC/PO/W	White
	AMTTC/PO/B	Black
	AMTTC/PO/SS	Satin Silver
	AMTA/W	White
	AMTA/B	Black
	AMTA/SS	Satin Silver
	AMTFC/W	White
	AMTFC/B	Black
	AMTFC/SS	Satin Silver
	AMTSK	c/w 3metre Steel Chord
	AMON/GU10/W	White
	AMON/GU10/B	Black
	AMON/GU10/SS	Satin Silver

(Diameter 120mm x Depth 25mm)

Single Circuit Track Planning System

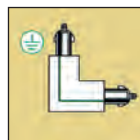
- Choice of left or right earth connection for complex installations
- Adjacent diagram provides an illustration of correct accessory selection



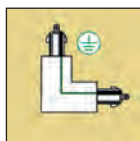
Live End
Earth Left



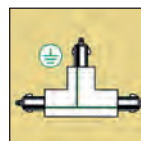
Live End
Earth Right



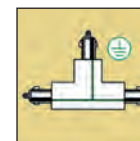
L Connector
Earth Outside



L Connector
Earth Inside

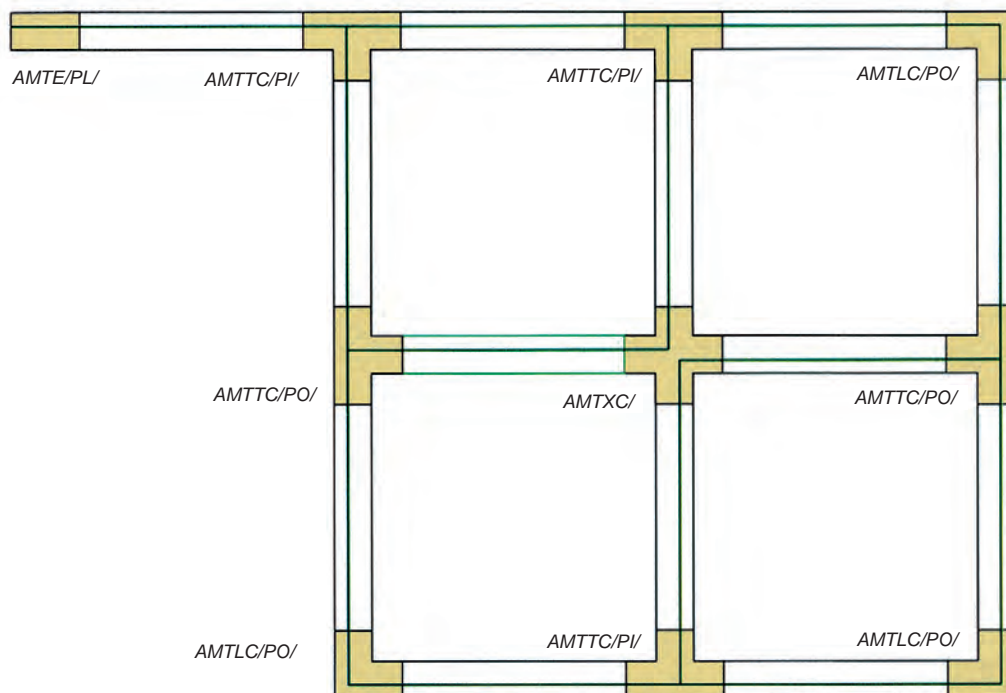


T Connector
Earth Left



T Connector
Earth Right

Example of correct accessory selection



Single Circuit Low Profile Unity 1 LED Track

Supplied c/w Integral Driver

177

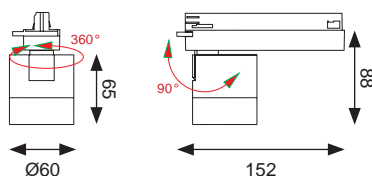
- Low profile LED trackspot with integral driver
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector for optimum efficiency
- Microprism diffuser for visual comfort and uniformity
- LED lifespan L80 68,000 hours
- Non-dimmable



AULEDLP1/W



AULEDLP1/B



LED Information

Total (Watts)	12W
Lumens Delivered	
Cool White	632lm
Warm White	623lm
Lm/W Cool White	53lm
Lm/W Warm White	52lm
Beam Angle	27°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AULEDLP1/W	LED	12W - Cool White - White
AULEDLP1/B	LED	12W - Cool White - Black
AULEDLP1/WW/W	LED	12W - Warm White - White
AULEDLP1/WW/B	LED	12W - Warm White - Black
AMON/GU10/W	Surface Monopoint	White
AMON/GU10/B	Surface Monopoint	Black
AMON/GU10/SS	Surface Monopoint	Satin Silver



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Single Circuit Low Profile Unity 2 LED Track

Supplied c/w Integral driver

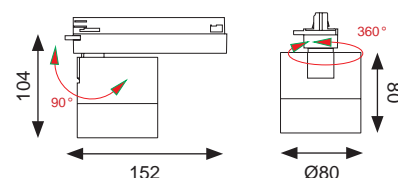


AULEDLP2/W



AULEDLP2/B

- Low profile LED trackspot with integral driver
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector for optimum efficiency
- Microprism diffuser for visual comfort and uniformity
- LED lifespan L70 50,000 hours
- Non-dimmable



Code	Lamp	Description
AULEDLP2/W	LED	22W - Cool White - White
AULEDLP2/B	LED	22W - Cool White - Black
AULEDLP2/WW/W	LED	22W - Warm White - White
AULEDLP2/WW/B	LED	22W - Warm White - Black

AMON/GU10/W	Surface Monopoint - White
AMON/GU10/B	Surface Monopoint - Black
AMON/GU10/SS	Surface Monopoint - Satin Silver

LED Information

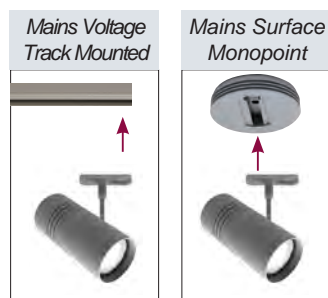
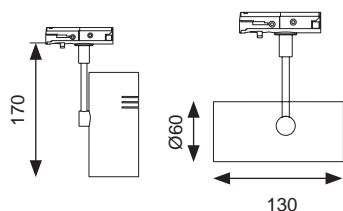
Total (Watts)	22W
Lumens Delivered	
Cool White	1564lm
Warm White	1426lm
Lm/W Cool White	71lm
Lm/W Warm White	65lm
Beam Angle	26°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C



Single Circuit Unity 0 LED Mains

Supplied c/w Integral Driver

- Compact LED trackspot with integral driver
- True 50W halogen replacement
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design for visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	691lm
Warm White	629lm
Lm/W Cool White	69lm
Lm/W Warm White	63lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C



AULEDS0/CW/W



AULEDS0/CW/B



AULEDS0/CW/SS

Code	Lamp	Description
AULEDS0/CW/W	LED	10W - Cool White - White
AULEDS0/CW/B	LED	10W - Cool White - Black
AULEDS0/CW/SS	LED	10W - Cool White - Satin Silver

AULEDS0/WW/W	LED	10W - Warm White - White
AULEDS0/WW/B	LED	10W - Warm White - Black
AULEDS0/WW/SS	LED	10W - Warm White - Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/50/40	50mm 40° Reflector Accessory



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Single Circuit Unity 1 LED Mains

Supplied c/w Integral Driver



AULEDS1/W

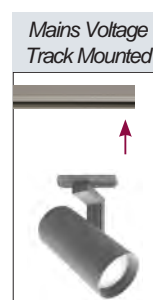
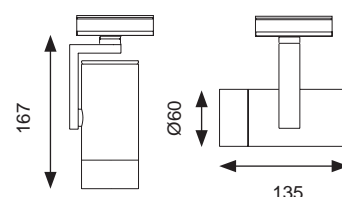


AULEDS1/SS



AULEDS1/B

- Compact LED trackspot with integral driver
- Comparable performance to 100W halogen
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



Code	Lamp	Description
AULEDS1/W	LED	15W - Cool White - White
AULEDS1/B	LED	15W - Cool White - Black
AULEDS1/SS	LED	15W - Cool White - Satin Silver

AULEDS1/WW/W	LED	15W - Warm White - White
AULEDS1/WW/B	LED	15W - Warm White - Black
AULEDS1/WW/SS	LED	15W - Warm White - Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/50/40	50mm 40° Reflector Accessory

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	941lm
Warm White	938lm
Lm/W Cool White	63lm
Lm/W Warm White	63lm
Beam Angle	19°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C





Single Circuit Unity 2 LED Mains

Supplied c/w Integral Driver



AULEDS2/W

Powered by
TRIDONIC
enlightening your ideas

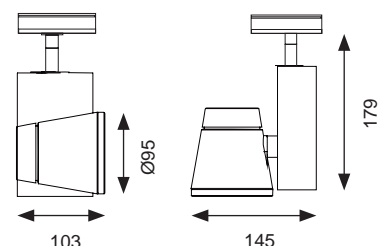


AULEDS2/B

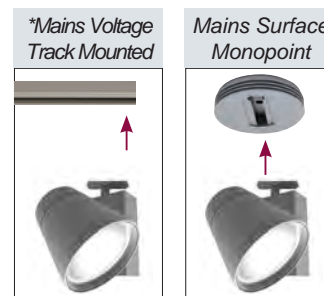


AULEDS2/SS

- LED trackspot with integral driver
- Comparable performance to 70W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



*Suitable for suspension in a closed continuous installation e.g square/rectangular



Code	Lamp	Description
AULEDS2/W	LED	29W - Cool White - White
AULEDS2/B	LED	29W - Cool White - Black
AULEDS2/SS	LED	29W - Cool White - Satin Silver

AULEDS2/WW/W	LED	29W - Warm White - White
AULEDS2/WW/B	LED	29W - Warm White - Black
AULEDS2/WW/SS	LED	29W - Warm White - Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/80/20	80mm 20° Reflector Accessory
	AUTRA/80/70	80mm 70° Reflector Accessory

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	2699lm
Warm White	2497lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C





Project - Simple Gym
Cwmbran, UK

Single Circuit Unity 3 LED Mains

Supplied c/w Integral Driver



Powered by
TRIDONIC
enlightening your ideas



AULED3/W

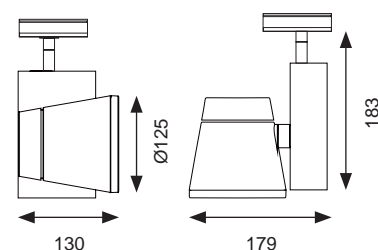


AULED3/B

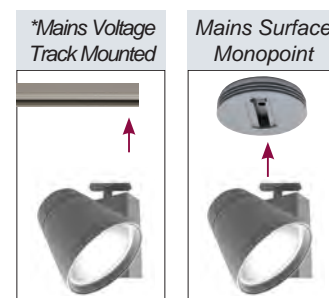


AULED3/SS

- LED trackspot with integral driver
- Comparable performance to 100W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



*Suitable for suspension in a closed continuous installation e.g square/rectangular



Code	Lamp	Description
AULED3/W	LED	37W - Cool White - White
AULED3/B	LED	37W - Cool White - Black
AULED3/SS	LED	37W - Cool White - Satin Silver

AULED3/WW/W	LED	37W - Warm White - White
AULED3/WW/B	LED	37W - Warm White - Black
AULED3/WW/SS	LED	37W - Warm White - Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/110/20	110mm 20° Reflector Accessory
	AUTRA/110/60	110mm 60° Reflector Accessory

LED Information

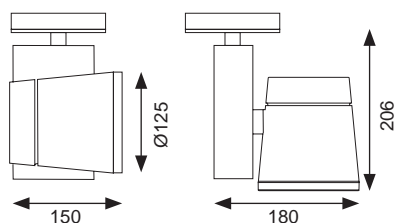
Total (Watts)	37W
Lumens Delivered	
Cool White	3239lm
Warm White	2887lm
Cool White Lm/W	88lm
Warm White Lm/W	78lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



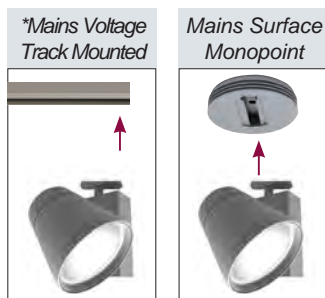
Single Circuit Unity 4 LED Mains

Supplied c/w Integral Driver

- LED trackspot with integral driver
- Comparable performance to 150W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



*Suitable for suspension in a closed continuous installation e.g square/rectangular



AULEDS4/W



AULEDS4/B



AULEDS4/SS

LED Information

Total (Watts)	42W
Lumens Delivered	
Cool White	3922lm
Warm White	3709lm
Cool White Lm/W	93lm
Warm White Lm/W	88lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AULEDS4/W	LED	42W - Cool White - White
AULEDS4/B	LED	42W - Cool White - Black
AULEDS4/SS	LED	42W - Cool White - Satin Silver

AULEDS4/WW/W	LED	42W - Warm White - White
AULEDS4/WW/B	LED	42W - Warm White - Black
AULEDS4/WW/SS	LED	42W - Warm White - Satin Silver

Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black
	AMON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/110/20	110mm 20° Reflector Accessory
	AUTRA/110/60	110mm 60° Reflector Accessory



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Single Circuit Unity Wallwash LED Mains

Supplied c/w Integral Driver

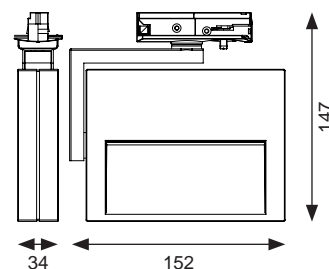


AULEDSW/CW/W



AULEDSW/WW/B

- Ultra-modern LED wallwash trackspot with integral driver
- Comparable performance to 35W halogen
- 355° rotation with 0-180° tilt on the bracket
- Unique reflector design enhances distribution for maximum efficiency and light output
- LED lifespan L70 50,000 hours
- Triac dimmable



LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	529lm
Warm White	487lm
Lm/W Cool White	31lm
Lm/W Warm White	28lm
Beam Angle	76°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AULEDSW/CW/W	LED	17W - Cool White - White
AULEDSW/CW/B	LED	17W - Cool White - Black
AULEDSW/WW/W	LED	17W - Warm White - White
AULEDSW/WW/B	LED	17W - Warm White - Black
Accessories	AMON/GU10/W	Surface Monopoint - White
	AMON/GU10/B	Surface Monopoint - Black





Project - The Yard
Manchester, UK

Three Circuit

Track and Surface System with Push-fit and Lock Connection



189

Mains Track
Accessories



193

Unity 0 LED Mains



194

Unity 1 LED Mains



197

Unity 2 LED Mains



198

Unity 3 LED Mains



199

Unity 4 LED Mains



200

Compass LED Adjustable
Projector Track

Mains Voltage 16A Three Circuit Track

Supplied c/w Live and Dead End

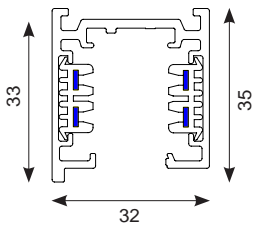


189

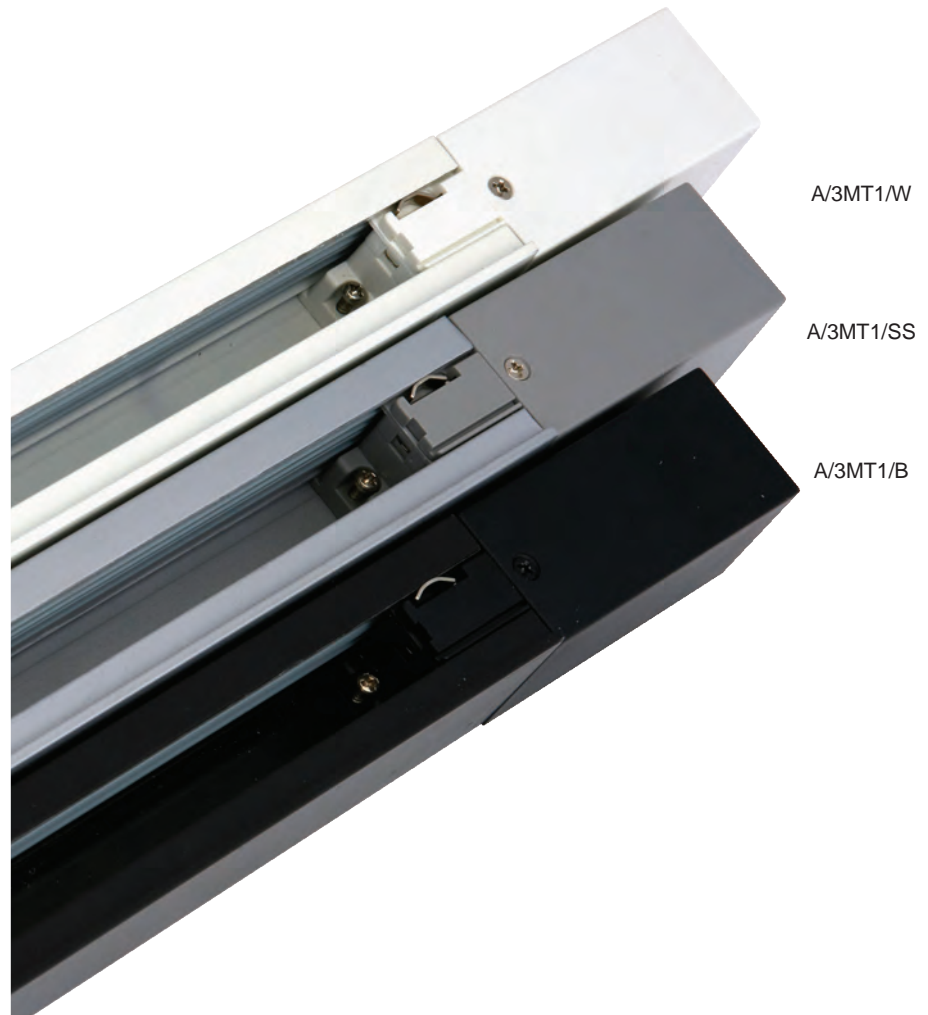
- 240V 16A mains track system
- Three circuit connectivity provides multiple group switching options
- Option of surface mounting or suspended
- Track supplied c/w live end (Earth left) and dead end
- Maximum mechanical loading of 50N



Generous Terminal Capacity



Track Cross Section



	Code	Description
1 Metre	A/3MT1/W	1 Metre - White
	A/3MT1/B	1 Metre - Black
	A/3MT1/SS	1 Metre - Satin Silver
2 Metre	A/3MT2/W	2 Metre - White
	A/3MT2/B	2 Metre - Black
	A/3MT2/SS	2 Metre - Satin Silver
Accessories	AMTINS/W	2 Metre - White Track Insert
	AMTINS/B	2 Metre - Black Track Insert
	AMTINS/SS	2 Metre - Satin Silver Track Insert



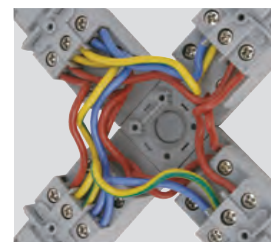
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Mains Voltage 16A Three Circuit Track Accessories



- Extensive range of accessories
- Option of left and right feed for Live end, L and T connectors



Flexible incoming wiring access

Code Description



Live End -
Earth Left

A/3MTLE/PL/W	White
A/3MTLE/PL/B	Black
A/3MTLE/PL/SS	Satin Silver



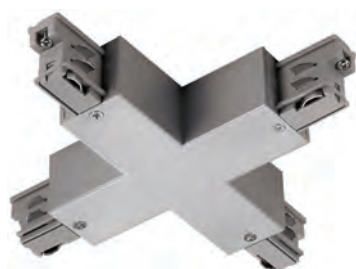
Live End -
Earth Right

A/3MTLE/PR/W	White
A/3MTLE/PR/B	Black
A/3MTLE/PR/SS	Satin Silver



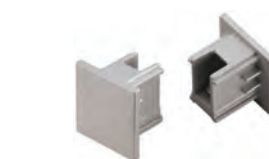
Butt
Connector

A/3MTBC/W	White
A/3MTBC/B	Black
A/3MTBC/SS	Satin Silver



Straight
Connector

A/3MTSC/W	White
A/3MTSC/B	Black
A/3MTSC/SS	Satin Silver



X-Connector

A/3MTXC/W	White
A/3MTXC/B	Black
A/3MTXC/SS	Satin Silver



Dead End

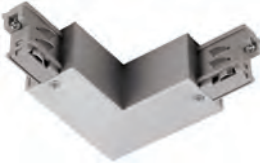





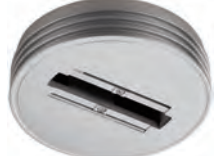
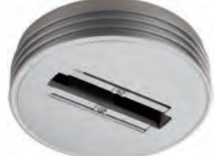
A/3MTDE/W	White
A/3MTDE/B	Black
A/3MTDE/SS	Satin Silver

Mains Voltage 16A Three Circuit Track Accessories

- Extensive range of accessories
- Option of left and right feed for Live end, L and T connectors



191

	Code	Description
	A/3MTLC/PI/W	White
	A/3MTLC/PI/B	Black
	A/3MTLC/PI/SS	Satin Silver
	A/3MTLC/PO/W	White
	A/3MTLC/PO/B	Black
	A/3MTLC/PO/SS	Satin Silver
	A/3MTTC/PI/W	White
	A/3MTTC/PI/B	Black
	A/3MTTC/PI/SS	Satin Silver
	A/3MTTC/PO/W	White
	A/3MTTC/PO/B	Black
	A/3MTTC/PO/SS	Satin Silver
	A/3MTA/W	White
	A/3MTA/B	Black
	A/3MTA/SS	Satin Silver
	A/3MTFC/W	White
	A/3MTFC/B	Black
	A/3MTFC/SS	Satin Silver
	A/3MTSK	c/w 3metre Steel Chord
	A/3MON/GU10/W	White
	A/3MON/GU10/B	Black
	A/3MON/GU10/SS	Satin Silver
	(Diameter 125mm x Depth 32mm)	

Three Circuit Track Planning System

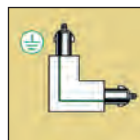
- Choice of left or right earth connection for complex installations
- Adjacent diagram provides an illustration of correct accessory selection



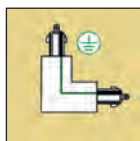
Live End
Earth Left



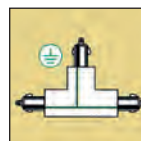
Live End
Earth Right



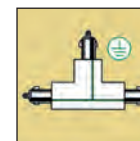
L Connector
Earth Outside



L Connector
Earth Inside

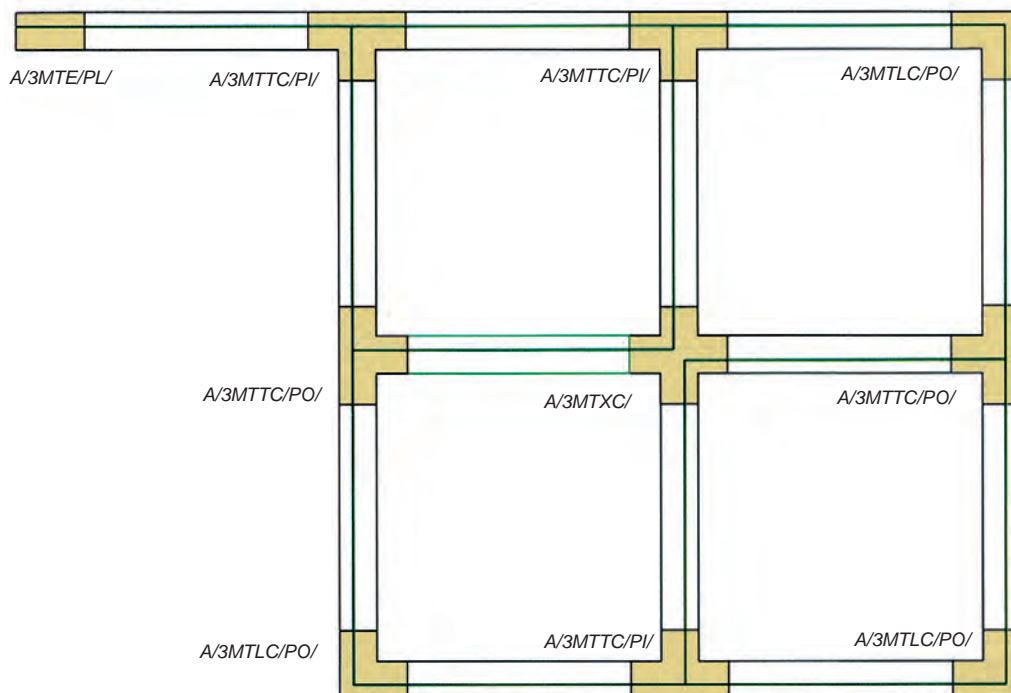


T Connector
Earth Left



T Connector
Earth Right

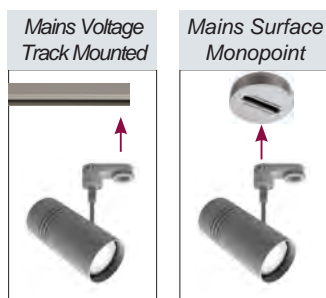
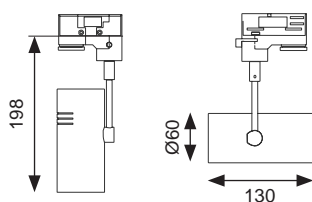
Example of correct accessory selection



Three Circuit Unity 0 LED Mains

Supplied c/w Integral Driver

- Compact LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- True 50W halogen replacement
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design for visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	691lm
Warm White	629lm
Lm/W Cool White	69lm
Lm/W Warm White	63lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C



A/3ULEDS0/CW/W



A/3ULEDS0/CW/B



A/3ULEDS0/CW/SS

Code	Lamp	Description
A/3ULEDS0/CW/W	LED	10W - Cool White - White
A/3ULEDS0/CW/B	LED	10W - Cool White - Black
A/3ULEDS0/CW/SS	LED	10W - Cool White - Satin Silver
A/3ULEDS0/WW/W	LED	10W - Warm White - White
A/3ULEDS0/WW/B	LED	10W - Warm White - Black
A/3ULEDS0/WW/SS	LED	10W - Warm White - Satin Silver
A/3MON/GU10/W	Surface Monopoint - White	
A/3MON/GU10/B	Surface Monopoint - Black	
A/3MON/GU10/SS	Surface Monopoint - Satin Silver	
AUTRA/50/40	50mm 40° Reflector Accessory	

Three Circuit Unity 1 LED Mains

Supplied c/w Integral Driver



A/3ULEDS1/W

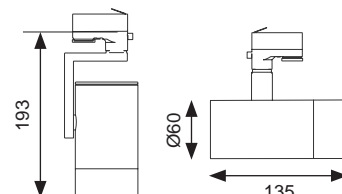


A/3ULEDS1/SS



A/3ULEDS1/B

- Compact LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 100W halogen
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



Mains Voltage
Track Mounted



Mains Surface
Monopoint



Code	Lamp	Description
A/3ULEDS1/W	LED	15W - Cool White - White
A/3ULEDS1/B	LED	15W - Cool White - Black
A/3ULEDS1/SS	LED	15W - Cool White - Satin Silver

A/3ULEDS1/WW/W	LED	15W - Warm White - White
A/3ULEDS1/WW/B	LED	15W - Warm White - Black
A/3ULEDS1/WW/SS	LED	15W - Warm White - Satin Silver

Accessories	A/3MON/GU10/W	Surface Monopoint - White
	A/3MON/GU10/B	Surface Monopoint - Black
	A/3MON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/50/40	50mm 40° Reflector Accessory

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	946lm
Warm White	938lm
Lm/W Cool White	63lm
Lm/W Warm White	63lm
Beam Angle	19°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C







Project - Paper Assist
Dublin, Ireland

Three Circuit Unity 2 LED Mains

Supplied c/w Integral Driver

- LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 70W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



197

Powered by
TRIDONIC
enlightening your ideas



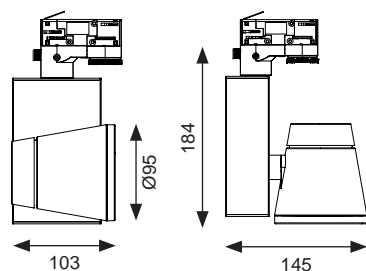
A/3ULEDS2/W



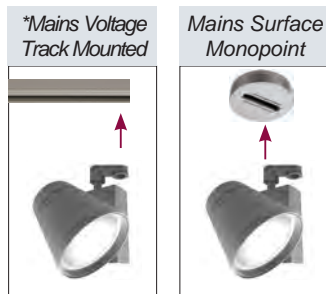
A/3ULEDS2/B



A/3ULEDS2/SS



*Suitable for suspension in a closed continuous installation e.g square/rectangular



LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	2699lm
Warm White	2497lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
A/3ULEDS2/W	LED	29W - Cool White - White
A/3ULEDS2/B	LED	29W - Cool White - Black
A/3ULEDS2/SS	LED	29W - Cool White - Satin Silver

A/3ULEDS2/WW/W	LED	29W - Warm White - White
A/3ULEDS2/WW/B	LED	29W - Warm White - Black
A/3ULEDS2/WW/SS	LED	29W - Warm White - Satin Silver

Accessories	A/3MON/GU10/W	Surface Monopoint - White
	A/3MON/GU10/B	Surface Monopoint - Black
	A/3MON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/80/20	80mm 20° Reflector Accessory
	AUTRA/80/70	80mm 70° Reflector Accessory



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Three Circuit Unity 3 LED Mains

Supplied c/w Integral Driver



Powered by
TRIDONIC
enlightening your ideas



A/3ULEDS3/W

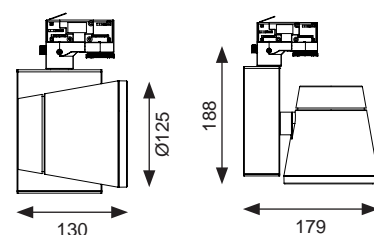


A/3ULEDS3/B

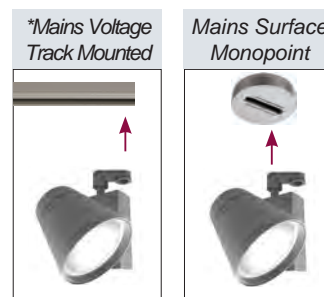


A/3ULEDS3/SS

- LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 100W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



*Suitable for suspension in a closed continuous installation e.g square/rectangular



Code	Lamp	Description
A/3ULEDS3/W	LED	37W - Cool White - White
A/3ULEDS3/B	LED	37W - Cool White - Black
A/3ULEDS3/SS	LED	37W - Cool White - Satin Silver

A/3ULEDS3/WW/W	LED	37W - Warm White - White
A/3ULEDS3/WW/B	LED	37W - Warm White - Black
A/3ULEDS3/WW/SS	LED	37W - Warm White - Satin Silver

Accessories	A/3MON/GU10/W	Surface Monopoint - White
	A/3MON/GU10/B	Surface Monopoint - Black
	A/3MON/GU10/SS	Surface Monopoint - Satin Silver
	AUTRA/110/20	110mm 20° Reflector Accessory
	AUTRA/110/60	110mm 60° Reflector Accessory

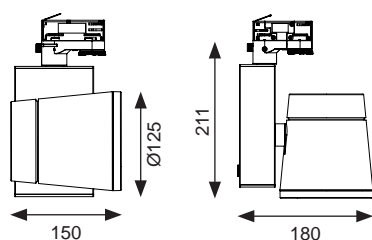
LED Information

Total (Watts)	37W
Lumens Delivered	
Cool White	3239lm
Warm White	2887lm
Cool White Lm/W	88lm
Warm White Lm/W	78lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

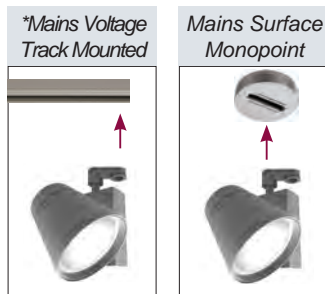
Three Circuit Unity 4 LED Mains

Supplied c/w Integral Driver

- LED trackspot with integral driver
- Three circuit functionality allows for installations with multi-circuit requirement
- Comparable performance to 150W HQI
- 355° rotation with 0-180° tilt on the bracket
- Mirror finish anodized reflector
- Powered by Osram
- Anti-glare design to create visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



*Suitable for suspension in a closed continuous installation e.g square/rectangular



LED Information

Total (Watts)	42W
Lumens Delivered	
Cool White	3922lm
Warm White	3709lm
Cool White Lm/W	93lm
Warm White Lm/W	88lm
Beam Angle	40°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



A/3ULEDS4/W



A/3ULEDS4/SS



A/3ULEDS4/B

Code	Lamp	Description
A/3ULEDS4/W	LED	42W - Cool White - White
A/3ULEDS4/B	LED	42W - Cool White - Black
A/3ULEDS4/SS	LED	42W - Cool White - Satin Silver
A/3ULEDS4/WW/W	LED	42W - Warm White - White
A/3ULEDS4/WW/B	LED	42W - Warm White - Black
A/3ULEDS4/WW/SS	LED	42W - Warm White - Satin Silver
Accessories		
A/3MON/GU10/W		Surface Monopoint - White
A/3MON/GU10/B		Surface Monopoint - Black
A/3MON/GU10/SS		Surface Monopoint - Satin Silver
AUTRA/110/20		110mm 20° Reflector Accessory
AUTRA/110/60		110mm 60° Reflector Accessory

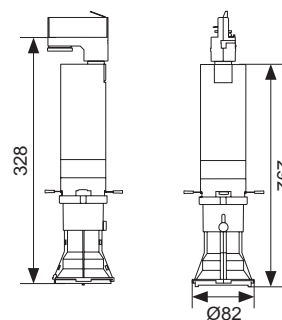


Three Circuit Compass LED Adjustable Projector Mains

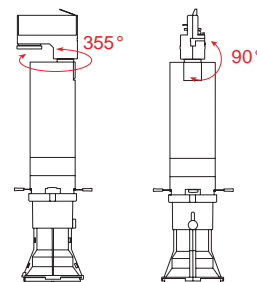
Supplied c/w Integral Driver



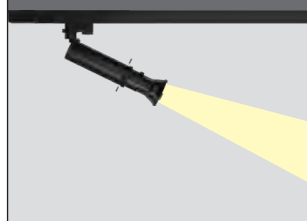
- Three circuit adjustable LED track projector
- Ideal for museums and art galleries
- Fully adjustable telescopic lens allows for exhibition framing
- Focus can be adjusted to allow for a softer frame or a sharp clear frame.
- Round, square, rectangular and triangular beam shapes customised via 4 individual controls
- 355° rotation with 0-90° tilt on the bracket
- LED lifespan L70 50,000 hours
- Non-dimmable



Rotate and Tilt



Luminaire Installation Guide



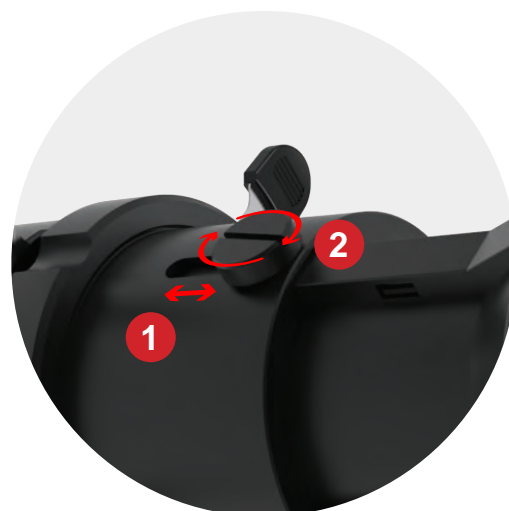
Distance	1M	2M	3M	4M
Shape				
	Max: Ø 50cm	Max: Ø 110cm	Max: Ø 165cm	Max: Ø 221cm
	Max: □ 35cmx35cm	Max: □ 75cmx75cm	Max: □ 120cmx120cm	Max: □ 156cmx156cm

* The above shapes and dimensions are measured and sampled while the axis of the Compass LED is precisely vertical to the projected facade

LED Information

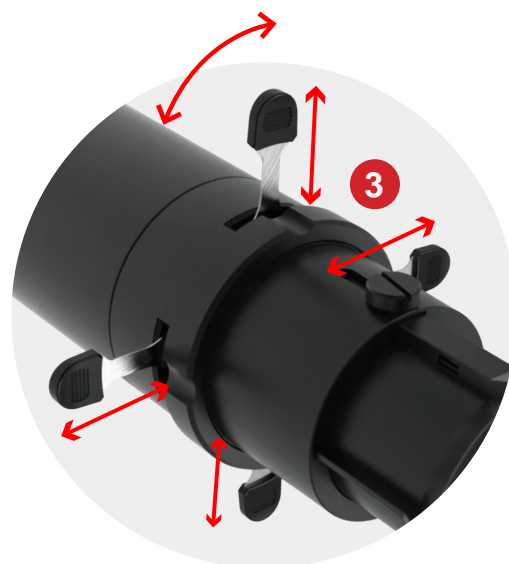
Total (Watts)	15W	19W
Lumens Delivered		
Cool White	356lm	479lm
Warm White	360lm	480lm
Lm/W Cool White	24lm	25lm
Lm/W Warm White	24lm	25lm
CRI	Ra 90	
CCT	3000K 4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 25°C	

Code	Lamp	Description
ACOMAPLED1	LED	15W - Cool White
ACOMAPLED2	LED	19W - Cool White - High Output



1 Adjustable 2 Focal Distance

Adjusting the focal distance will increase the sharpness of the light. The distance can be adjusted by moving the screw back and forth, and fixed by tightening the screw



3 Shaping the Light Output

The shape of the light can be manipulated to create round, square, rectangular and triangular light outputs. This is achieved by altering the 4 flap panels both in and out and left to right, as shown in the diagram above

Unity 0 Surface LED Mains

Supplied c/w Integral Driver



ASSULED0/CW/W

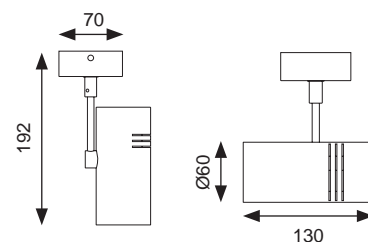


ASSULED0/CW/B



ASSULED0/CW/SS

- Compact Surface Mounting LED spotlight with integral driver
- True 50W halogen replacement
- 355° rotation with 0-180° tilt on bracket
- Mirror finish anodised reflector
- Anti-glare design for visual comfort
- LED lifespan L70 50,000 hours
- Non-dimmable



Code	Lamp	Description
ASSULED0/CW/W	LED	10W - Cool White - White
ASSULED0/CW/B	LED	10W - Cool White - Black
ASSULED0/CW/SS	LED	10W - Cool White - Satin Silver

Accessories AUTRA/50/40 50mm 40° Reflector Accessory

LED Information

Total (Watts)	10W
Lumens Delivered	691lm
Lm/W	69lm
Beam Angle	50°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

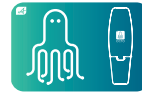






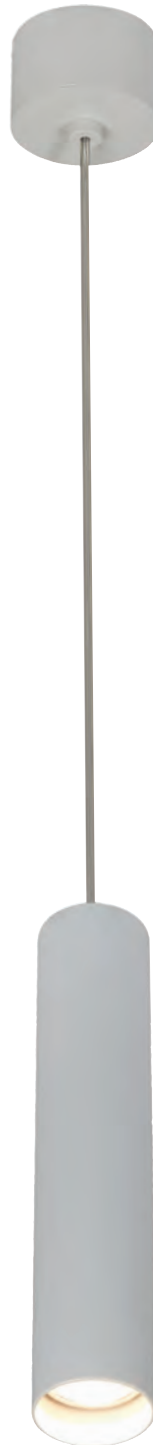
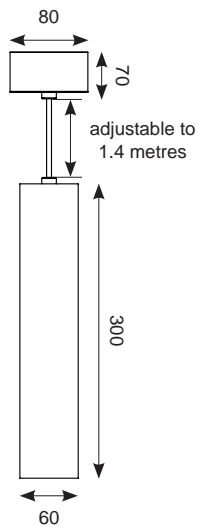
Ruby LED

Supplied c/w Integral Driver



205

- Slim and modern LED pendant with die-cast housing
- White and black paint finish options with white bottom cover
- Suitable for hotel, restaurant and commercial applications
- Exceeds performance of 42W PLC
- LED lifespan L70 50,000 hours
- Triac dimmable as standard



ARULEDP/WWW



ARULEDP/WW/B

LED Information

Total (Watts)	15W
Lumens Delivered	1029lm
Lm/W	64lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
ARULEDP/WW/W	LED	15W - Warm White - White
ARULEDP/WW/B	LED	15W - Warm White - Black

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Secco LED

Supplied c/w Amber Coated LED Filament Lamp

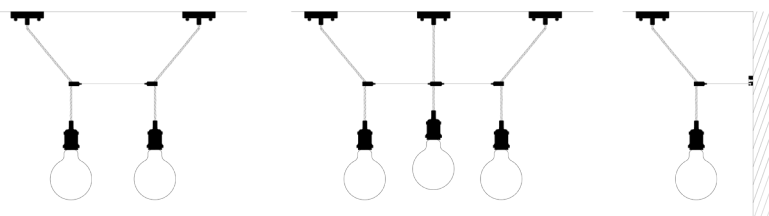


ASEC/G125/BLC

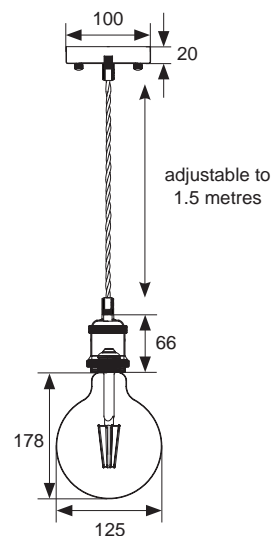


ASEC/G125/AB

Suspension options



- Die-cast vintage pendant design with soft amber coated glass
- Supplied c/w amber coated G125 LED filament lamp and suspension accessory
- Suitable for residential, hotel or restaurant applications
- Available in black chrome and antique brass finishes
- LED lifespan L70 20,000 hours
- Triac dimmable as standard



LED Information

Total (Watts)	7.5W
Lumens Delivered	779lm
CRI	Ra 80
CCT	2500K
Input	230V
Hertz	50Hz

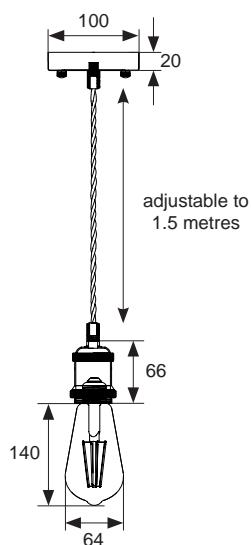
Code	Lamp	Description
ASEC/G125/BLC	LED	7.5W - Amber Coating - Black Chrome
ASEC/G125/AB	LED	7.5W - Amber Coating - Antique Brass

Accessories	ALED/6W/G125/2500K	LED Filament Replacement Lamp
-------------	--------------------	-------------------------------





- Die-cast vintage pendant design with soft amber coated glass
- Supplied c/w amber coated ST64 LED filament lamp and suspension accessory
- Suitable for residential, hotel or restaurant applications
- Available in black chrome and antique brass finishes
- LED lifespan L70 20,000 hours
- Triac dimmable as standard

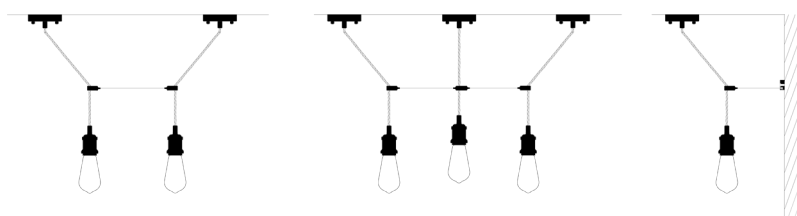


ASEC/ST64/AB



ASEC/ST64/BLC

Suspension options



LED Information

Total (Watts)	7.5W
Lumens Delivered	696lm
CRI	Ra 80
CCT	2500K
Input	230V
Hertz	50Hz

Code	Lamp	Description
ASEC/ST64/BLC	LED	7.5W - Amber Coating - Black Chrome
ASEC/ST64/AB	LED	7.5W - Amber Coating - Antique Brass
Accessories	ALED/6W/ST64/2500K	LED Filament Replacement Lamp





Project - Lakes College
Workington, UK

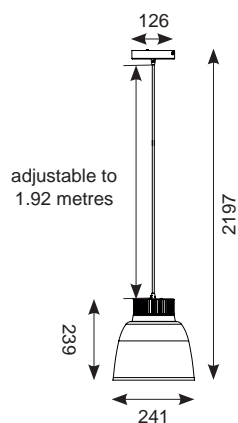
Decco LED

Supplied c/w Integral Driver



209

- Compact Decco pendant with die-cast housing and aluminium reflector
- Suitable for domestic, hotel, restaurant and commercial applications
- Matt white textured powder coat paint finish
- 21W exceeds performance of 35W HQI
- LED lifespan L70 54,000 hours
- Non-dimmable



LED Information

Total (Watts)	21W
Lumens Delivered	
21W	1784lm
Lm/W 21W	85lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 35°C



Code	Lamp	Description
ADEPLED	LED	21W - Warm White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Deco High Bay LED

Supplied c/w Integral Driver



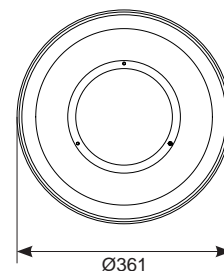
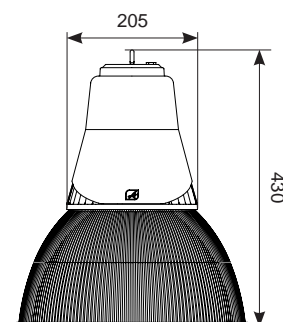
ADHBLED1/PC

Powered by
TRIDONIC
enlightening your ideas



ADHBLED2/ALU

- Decorative modern LED pendant c/w either polycarbonate refractor or aluminium reflector
- Suitable for industrial, commercial and retail applications
- 41W exceeds performance of 70W HQI
- 96W exceeds performance of 150W HQI
- Matt grey textured powder coated finish
- LED lifespan L70 54,000 hours



LED Information

Total (Watts)	41W	96W
Lumens Delivered		
/ALU	4760lm	10437lm
/PC	4678lm	10375lm
Lm/W		
/ALU	114lm	109lm
/PC	116lm	108lm
Beam Angle		
/PC		68°
/ALU		63°
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50/60Hz
Operating Temp		-20°C to 25°C

Code	Lamp	Description
ADHBLED1/PC	LED	41W - c/w PC Refractor
ADHBLED2/PC	LED	96W - c/w PC Refractor
ADHBLED1/ALU	LED	41W - c/w Aluminium Reflector
ADHBLED2/ALU	LED	96W - c/w Aluminium Reflector
Options	/DD	Digital dimming (DD1/DD2/DD3/DD4)
Accessories	ADHBLED/PC/BC	PC Bottom Cover (360mm)
	ADHBLED/SK	Suspension Kit



Hook Mounting installation

Aluminium Die-cast housing
providing an ultra modern
asthetic design

Steel sheet metal gear tray.

Intricate design allows heat
dispersion upwards through
dedicated ventilation holes

Lumileds LED array

Aluminium securing ring

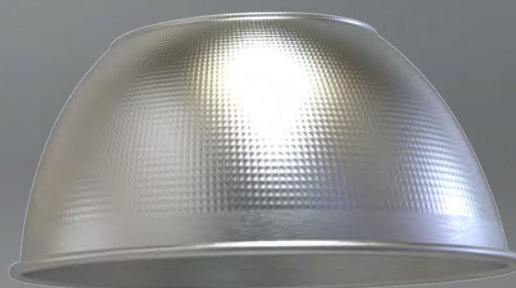
Powered by
TRIDONIC
▼ enlightening your ideas

Aluminium die-cast heat sink for
optimal thermal performance

Textured freznel lens to optimise
light output and light uniformity

Polycarbonate Refractor to achieve
overall light distribution

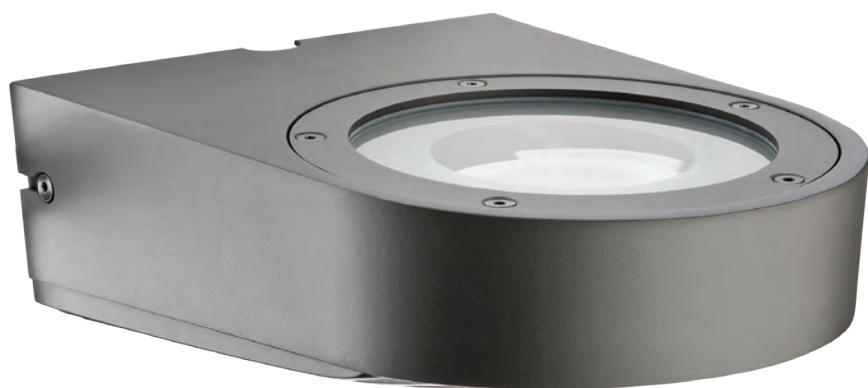
Aluminium Reflector for maximum
output efficiency



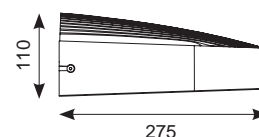
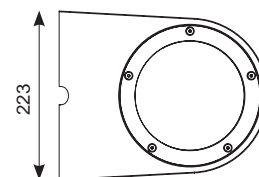
Bottom cover available for reduced glare and
additional light diffusion for food applications

Aero LED

Supplied c/w Integral Driver



- Dual purpose design allows installation in either an uplight or downlight orientation
- Comparable performance to 20W HQI
- Housing is manufactured from high purity marine grade aluminium and treated with a six stage chrome plating treatment and dry polyester powder coating
- Screws manufactured from marine grade stainless steel
- Tempered glass cover
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

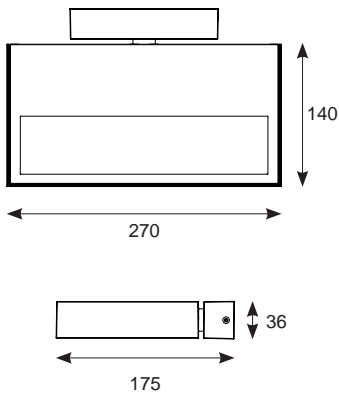
Total (Watts)	12W
Lumens Delivered	900lm
Lm/W	75lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description
AAROLED	LED	12W - Cool White





- Dual purpose design allows installation in either an uplight or downlight orientation
- Comparable to 2x24W PL-L
- Adjustable tiltable installation bracket
- LED lifespan L70 50,000 hours
- Triac dimmable as standard



Adjustable tiltable installation bracket

LED Information

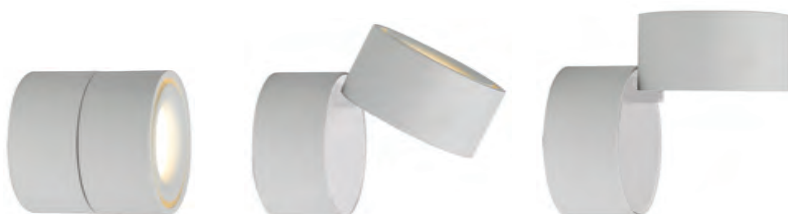
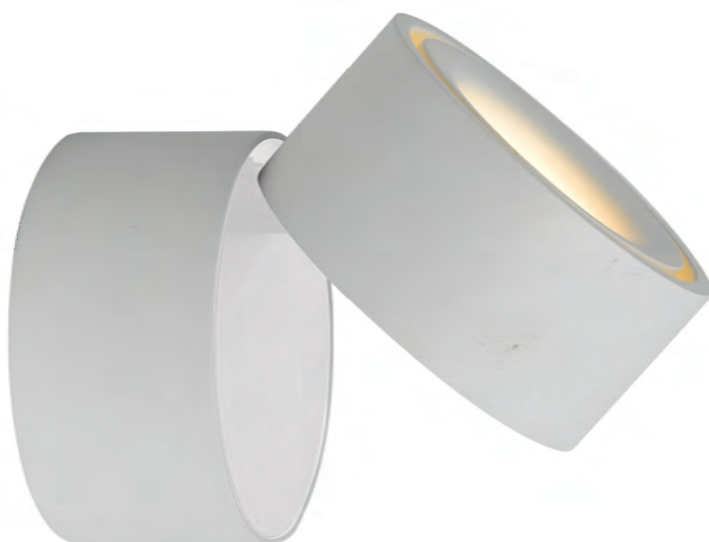
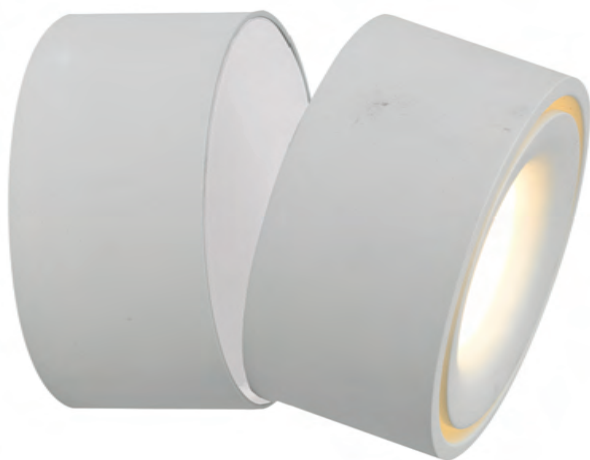
Total (Watts)	33W
Lumens Delivered	
Cool White	2549lm
Warm White	2122lm
Lm/W	
Cool White	77lm
Warm White	64lm
Beam Angle	75°
CRI	Ra 90
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AELLED/WL/CW	LED	33W - Cool White
AELLED/WL/WW	LED	33W - Warm White

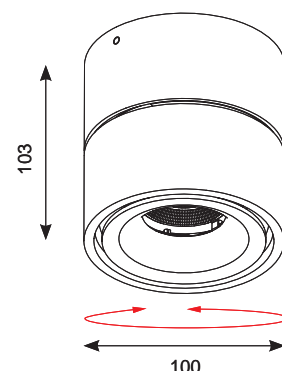
Uni LED

Supplied c/w Integral Driver



Fully adjustable to 90°

- Multi-functional adjustable surface mounting LED fixture
- Exceeds performance of 50W MR16 halogen
- 350° rotation and adjustable to 90°
- Suitable for use as ceiling mounting downlight or wall mounting in an upward or downward orientation
- Die-cast aluminium construction with a matt white paint finish
- LED lifespan L70 60,000 hours
- Triac dimmable as standard



LED Information

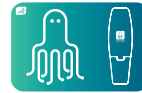
Total (Watts)	9W
Lumens Delivered	645lm
Lm/W	72lm
Beam Angle	45°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description
AUNIVLED	LED	9W - Warm White



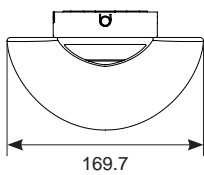
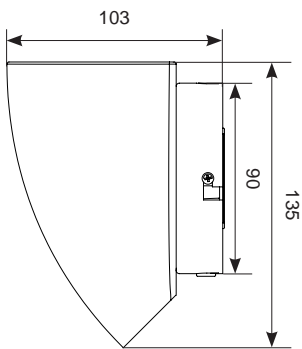
Duo LED

Supplied c/w Integral Driver



215

- Feature wall light with bi-directional light distribution
- Die-cast aluminium wall fixture
- Dupont polyester powder coating
- LED lifespan L70 50,000 hours
- Triac dimmable as standard



Light Distribution



LED Information

Total (Watts)	10W
Lumens Delivered	582lm
Lm/W	58lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 25°C



Code	Lamp	Description
ADULED/W	LED	10W - Warm White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

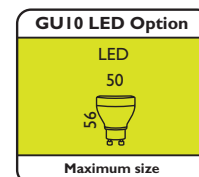
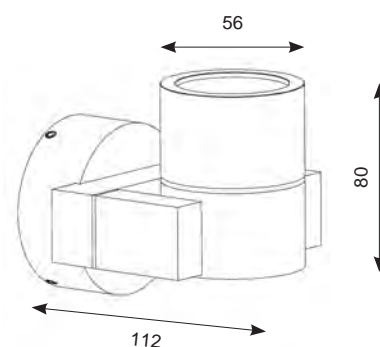


Riola

Supplied Less Lamp



- Modern wall light with adjustable 180° head in vertical plane
- For use in both internal and external applications
- Brushed aluminium finish
- Suitable for GU10 LED or GU10 Mains halogen

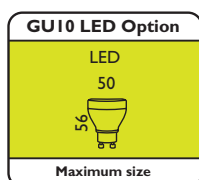
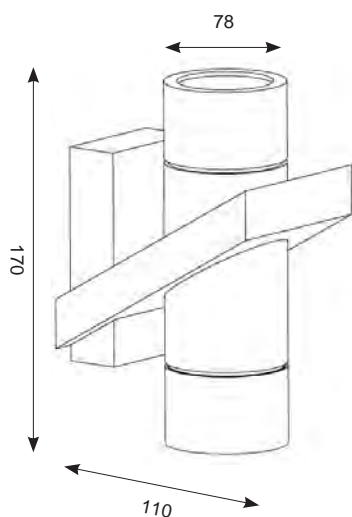


Code	Lamp	Description
ARGU10	GU10	35W





- Modern bi-directional wall light with brushed aluminium finish
- For use in both internal and external applications
- Suitable for GU10 LED or GU10 Mains halogen



Code	Lamp	Description
ACO2X35	GU10	2x35W

Mitre LED

Supplied c/w Integral Driver



White

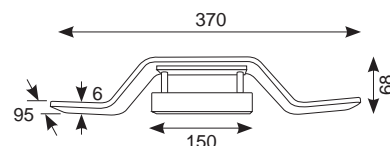


Oak



Walnut

- Modern LED wall light with choice of 3 cover finishes
- Unique design creates even distribution of upward and downward light
- White, oak and walnut cover finishes available
- LED lifespan L70 30,000 hours
- Triac dimmable as standard



LED Information

Total (Watts)	9W
Lumens Delivered	680lm
Lm/W	76lm
CRI	Ra 90
CCT	3000K
Input	220V-240V
Hertz	50/60Hz
Operating Temp	-10°C to 30°C

	Code	Lamp	Description
Base	AFAMIWL/BASE	LED	9W - Warm White
Covers	AMIFC/W		Front Cover - White
	AMIFC/OAK		Front Cover - Oak
	AMIFC/WAL		Front Cover - Walnut



Fascia LED

Supplied c/w Integral Driver

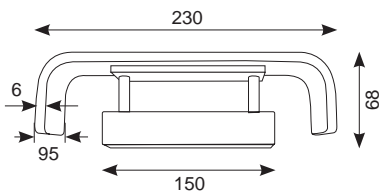


219

- Modern LED wall light with choice of 3 cover finishes
- Unique design creates even distribution of upward and downward light
- White, oak and walnut cover finishes available
- LED lifespan L70 30,000 hours
- Triac dimmable as standard



White



Oak



Walnut

LED Information

Total (Watts)	9W
Lumens Delivered	680lm
Lm/W	76lm
CRI	Ra 90
CCT	3000K
Input	220V-240V
Hertz	50/60Hz
Operating Temp	-10°C to 30°C



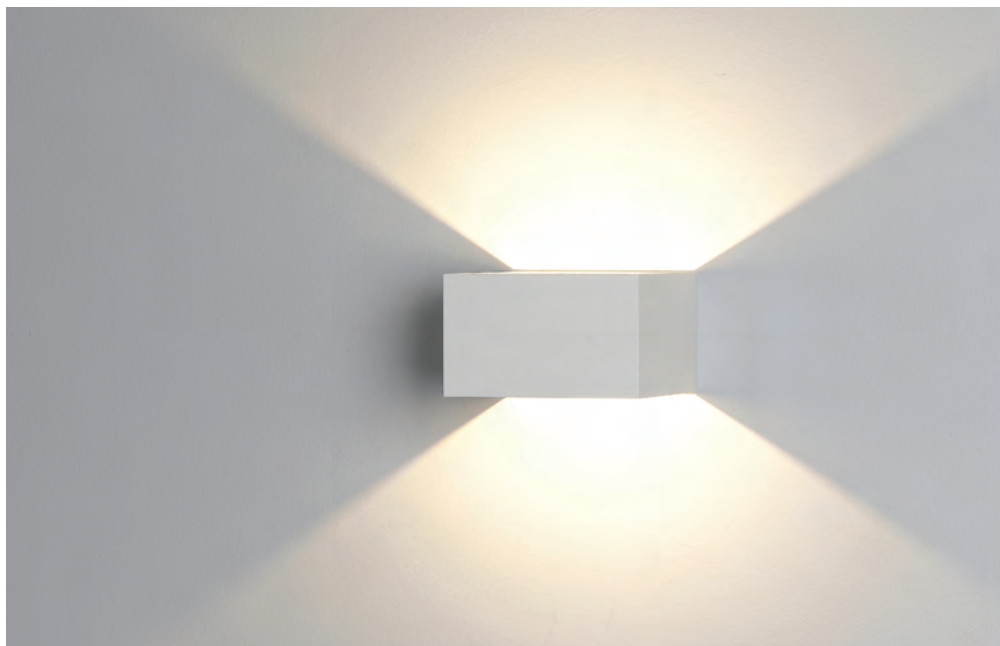
	Code	Lamp	Description
Base	AFAMIWL/BASE	LED	9W - Warm White
Covers	AFAFC/W		Front Cover - White
	AFAFC/OAK		Front Cover - Oak
	AFAFC/WAL		Front Cover - Walnut

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

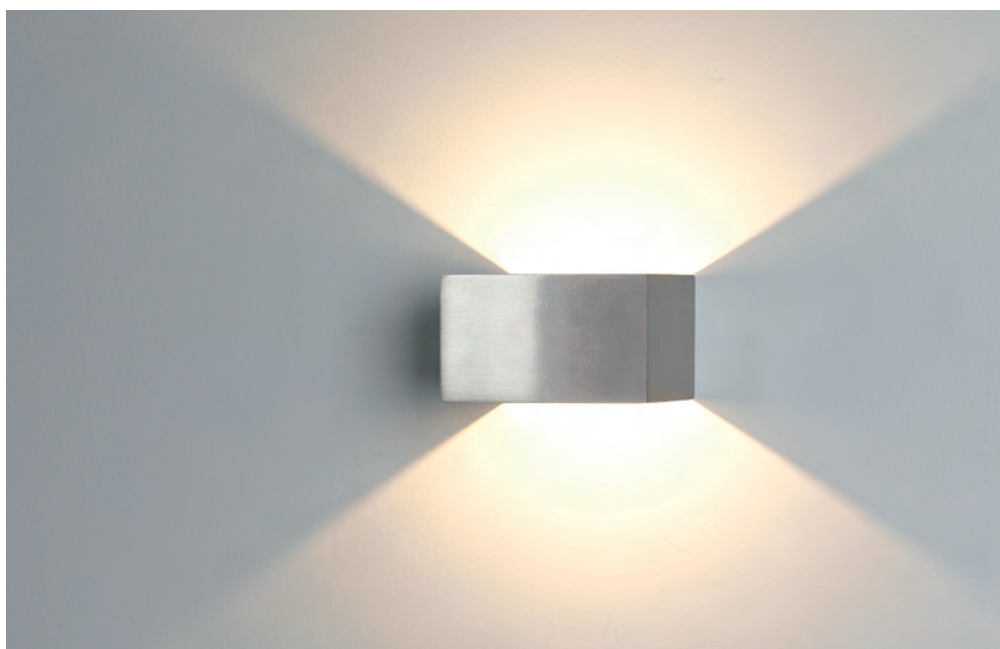


Facet LED

c/w Integral Driver

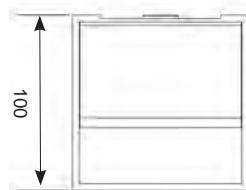
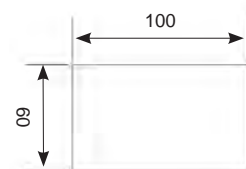


AFWLED/W



AFWLED/SC

- Surface bi-directional wall light providing vivid angled distribution
- Aluminium construction with an option of matt white or polished satin chrome finishes
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	6.5W
Lumens Delivered	183lm
Lm/W	46lm
CRI	Ra 93
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description
AFWLED/W	LED	6.5W Warm White - White
AFWLED/SC	LED	6.5W Warm White - Satin Chrome



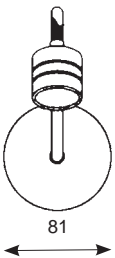
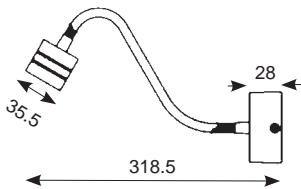
Spectrum LED Gooseneck Wall Light

Supplied c/w Integral Driver



221

- Gooseneck LED switched reading light
- Die-cast aluminium body with integral driver
- LED lifespan L70 60,000 hours
- Non-dimmable



LED Information

Total (Watts)	2W
Lumens Delivered	29lm
Lm/W	15lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 30°C



Code Lamp Description

ASPGN/1LED/WHI LED 2W Warm White - Satin Silver

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



LED Drivers

Constant Voltage Non-Dimmable



Constant Voltage 12V



AD30W/12V



AD75W/12V

Constant Voltage 24V / 48V



ADK15W/24V



ADK60W/24V



ADK120W/24V



ADK200W/24V



ADK320W/24V

- Constant voltage non-dimmable drivers for 12V and 24V LED applications
- Thermal, short circuit and overload protection

	Code	Description	A	B	C
12V	AD30W/12V	30W	166	24	52
	AD75W/12V	75W	180	30	52
24V	ADK15W/24V	15W	123	45	19
	ADK60W/24V	60W	180	52	36
	ADK120W/24V	120W	300	40	30
	ADK200W/24V	200W	207	37	68.5
	ADK320W/24V	320W	249	40	70

A = Length B = Height C = Width



ADK200W/24V
ADK320W/24V

LED Drivers

Constant Current Non-Dimmable



223

- Constant current non-dimmable drivers for 350mA and 700mA LED applications
- Thermal, short circuit and overload protection

Constant Current 350mA



AD3W/350



AD9W/350



ADK20W/350

Constant Current 700mA



AD3W/700



ADK12W/700



ADK20W/700

	Code	Description	A	B	C
350mA	AD3W/350	1-3W 350mA	56	20	39
	AD9W/350	1-9W 350mA	85	22	40
	ADK20W/350	6W-20W 350mA	123	45	19
700mA	AD3W/700	1-3W 700mA	56	20	39
	ADK12W/700	3W-12W 700mA	123	45	19
	ADK20W/700	6W-20W 700mA	123	45	19

A = Length B = Height C = Width



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



12V LED Triac Dimmable Drivers



ADDIM50W/12V



ADDIM100W/12V

Code	Description	A	B	C	D
ADDIM50W/12V	50W	166	24	52	174
ADDIM100W/12V	100W	210	34	67	220

A = Length B = Height C = Width D = Fixing Centres

- 12V triac dimmable driver
- 0-100% dimming range
- Suitable for dimming 12V LED Flexible Strip
- *Please note, not compatible for RGB use*



12V LED 1-10V and Switch Dim Dimmable Driver



ADDIM75W/12V

Code	Description	A	B	C	D
ADDIM75W/12V	75W	220	42	58	190

A = Length B = Height C = Width D = Fixing Centres

- 12V dimmable driver with minimum value dimming adjustment feature
- 0-100% dimming range
- Suitable for dimming 12V LED Flexible Strip
- Loop-in, loop-out terminals for ease of installation
- *Please note, not compatible for RGB use*

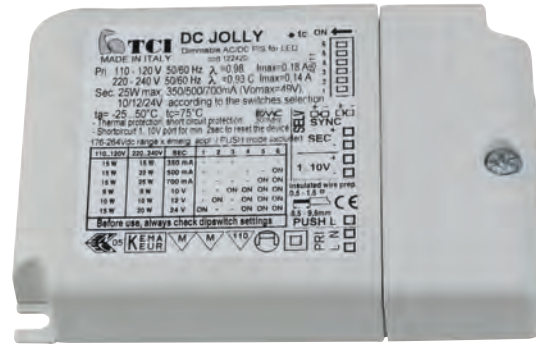


Terminals and dimming adjustment

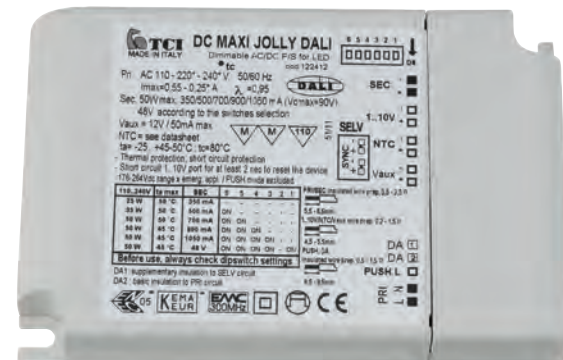




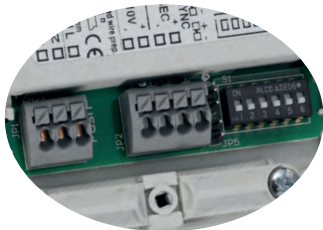
- Multicurrent and multivoltage dimmable LED drivers
- Integral dip-switch allows selection of the output required
- Dimming options
AMCD25W 1-10V,
Push to Dim
AMCD50W 1-10V,
Push to Dim, DALI
- Thermal, short circuit and overload protection



AMCD25W



AMCD50W



Terminals and dip-switch selection

Code	350mA	500mA	700mA	900mA	1050mA	10V	12V	24V	48V
AMCD25W	0-15W	0-22W	0-25W			0-9W	0-10W	0-20W	
AMCD50W	0-25W	0-35W	0-50W	0-50W	0-50W				0-50W

Code	Description	A	B	C	D
AMCD25W	25W	103	21	67	94
AMCD50W	50W	125	22	79	111

A = Length B = Height C = Width D = Fixing Centres



Aluminium Profiles for LED Strip

(Supplied Less LED Strip)



AALU/SP/CO

Clear Diffuser Fitted

Opal Diffuser Fitted

Each profile supplied with



2 x Flat End Cap

2 x Wire Entry End Cap

6 x Fixing Clip

AALU/AP/CO

Clear Diffuser Fitted

Opal Diffuser Fitted

Each profile supplied with



2 x Flat End Cap

2 x Wire Entry End Cap

6 x Fixing Clip

AALU/RP/CO

Clear Diffuser Fitted

Opal Diffuser Fitted

Each profile supplied with

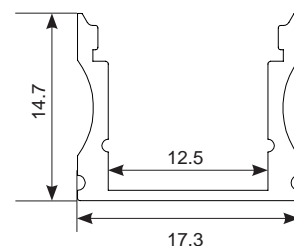


2 x Flat End Cap

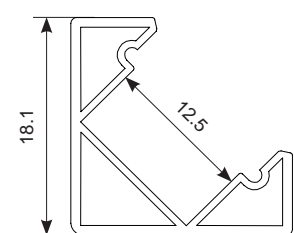
2 x Wire Entry End Cap

6 x Fixing Clip

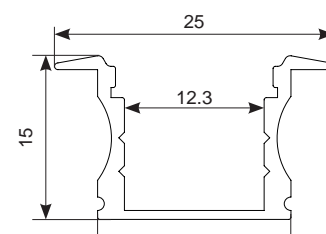
- High quality anodised aluminium profiles for installation with Boa, Krait, Adder, Cobra, Python, Viper and Mamba Ansell LED tapes
- Installation of profiles provide a professional finish to installation and enhances LED chip life through optimised heat dissipation
- Supplied with clear and opal diffusers
- Profiles and diffusers supplied in 2 metre lengths (easily cut to length by installer)
- Two end cap styles and fixing clips supplied with each profile length



Surface Extension



Angled Extension



Recessed Extension

	Code	Description
Surface	AALU/SP/CO	2 Metre Surface Extension
Angled	AALU/AP/CO	2 Metre Angled Extension
Recessed	AALU/RP/CO	2 Metre Recessed Extension

CE IP20



Project - Trimmers Salon
Liverpool, UK

LED Strip Made Easy...

228



Step 1:

Peel the adhesive back from the LED strip and place down on a clean and even surface, ensuring the entire length is firmly stuck down.



Step 2:

Utilising the plug and play connections, connect the end of the LED strip run to a mains lead (**sold separately**).



Step 3:

Connect the mains lead to your LED driver (the driver will depend on the length of LED strip being installed (**sold separately**) and ensure the LED driver is connected to the mains.



Step 4:

Switch on the power and enjoy your new LED strip lighting.



No Tools Required

All of our LED strip ranges are supplied with a self-adhesive back, meaning no adhesive or fixings are required to apply the strip to clean dry surfaces. Additionally all strip is fitted with plug-and-play connections, so no soldering or tools are needed, further aiding in a quick and easy installation.



Pre-Cut Lengths

Strip comes in various pre-cut lengths from 100mm to 5 metres, offering complete versatility and ensuring a quick and easy installation. This coupled with designated cutting points allows total flexibility for every installation.



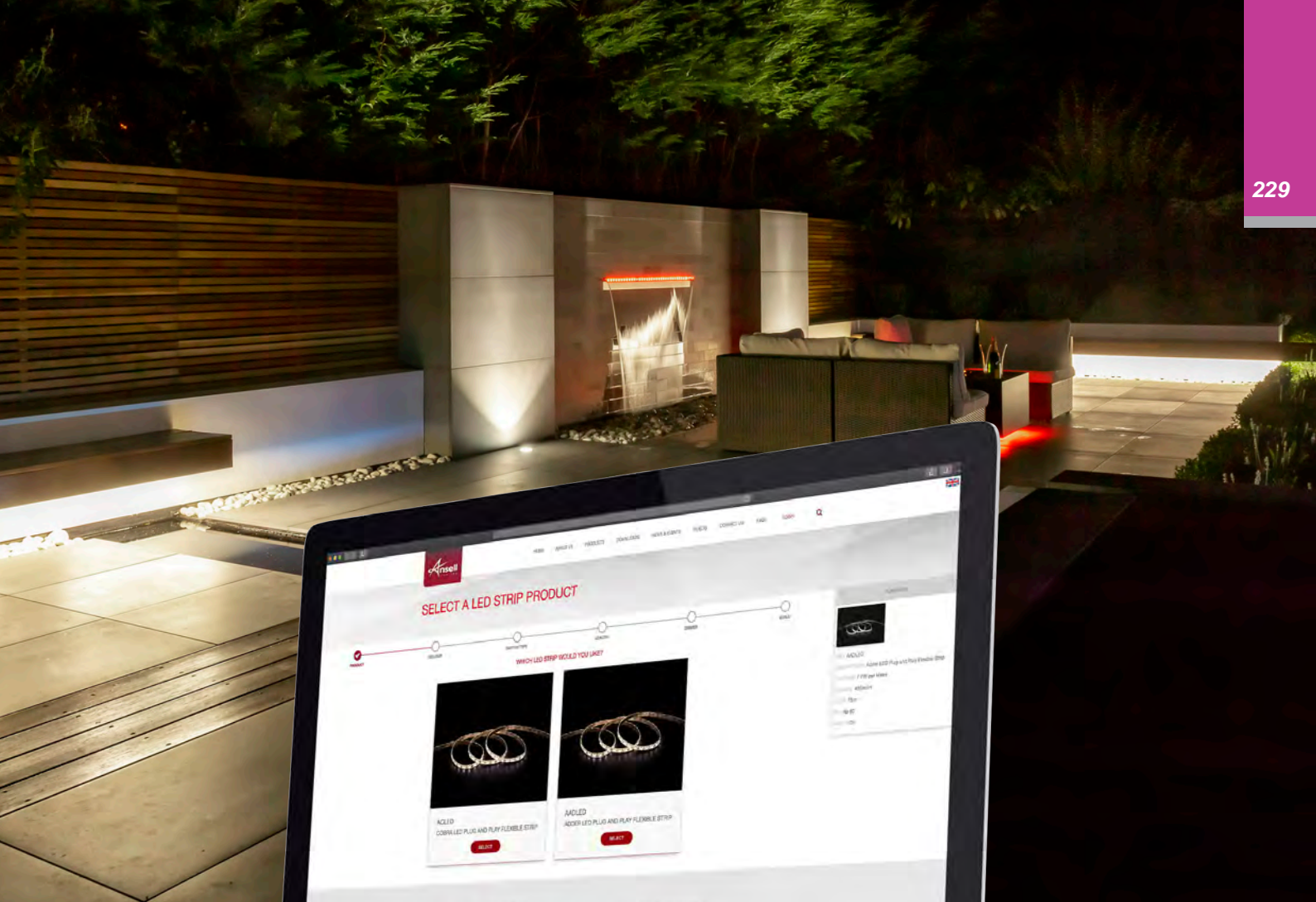
Complete Customisation

The vast range of different strip options are complimented by an equally impressive selection of accessories. Our comprehensive range of connector options allow an easy installation for even the most complex of configurations.



Connected

OCTO 12-24V bluetooth smart controller provides users with options for RGBW, RGB, tunable white and single colour. Settings are easily commissioned by a smart device via the OCTO app, this includes full control, dimming, scene setting and pre-set timers.



LED Strip Calculator

Our online LED strip calculator simplifies the process of choosing the correct strip and accessories for any job, no matter how big or small. The easy step-by-step process covers all aspects of selecting and ordering the correct products.

Simply run through your specification requirements and the calculator will work out all of the necessary parts you require. Add any accessories you will need and you are good to go. The calculator will produce a downloadable summary of everything you will need to order.

Visit **www.anselluk.com** to find out more...

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

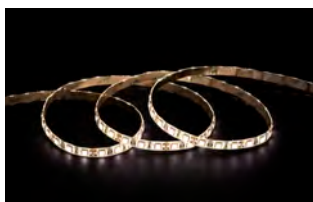


Krait 24V LED Plug and Play Flexible Strip **7.2W per Metre**

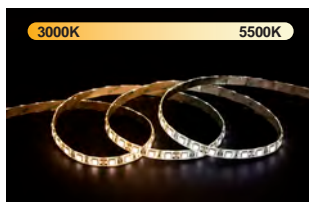
Supplied Less Driver



Cool White



Warm White



Tunable White

Code	Lamp	Description
AKRLED/100/CW	LED	100mm - Cool White
AKRLED/100/WW	LED	100mm - Warm White
AKRLED/100/RGB	LED	170mm - RGB
AKRLED/100/RGBW	LED	170mm - RGBW
AKRLED/100/TW	LED	170mm - Tunable White

AKRLED/300/CW	LED	300mm - Cool White
AKRLED/300/WW	LED	300mm - Warm White
AKRLED/300/RGB	LED	330mm - RGB
AKRLED/300/RGBW	LED	330mm - RGBW
AKRLED/300/TW	LED	330mm - Tunable White

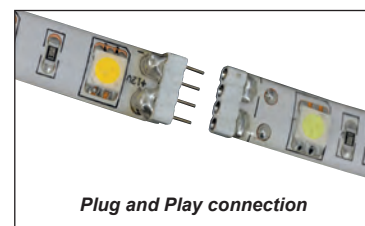
AKRLED/500/CW	LED	500mm - Cool White
AKRLED/500/WW	LED	500mm - Warm White
AKRLED/500/RGB	LED	500mm - RGB
AKRLED/500/RGBW	LED	500mm - RGBW
AKRLED/500/TW	LED	500mm - Tunable White

AKRLED/1000/CW	LED	1 Metre - Cool White
AKRLED/1000/WW	LED	1 Metre - Warm White
AKRLED/1000/RGB	LED	1 Metre - RGB
AKRLED/1000/RGBW	LED	1 Metre - RGBW
AKRLED/1000/TW	LED	1 Metre - Tunable White

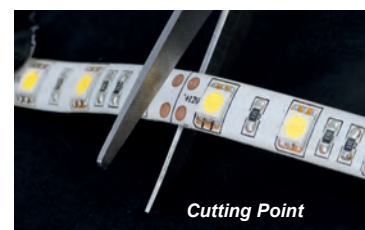
AKRLED/2000/CW	LED	2 Metre - Cool White
AKRLED/2000/WW	LED	2 Metre - Warm White
AKRLED/2000/RGB	LED	2 Metre - RGB
AKRLED/2000/RGBW	LED	2 Metre - RGBW
AKRLED/2000/TW	LED	2 Metre - Tunable White

AKRLED/5000/CW	LED	5 Metre - Cool White
AKRLED/5000/WW	LED	5 Metre - Warm White
AKRLED/5000/RGB	LED	5 Metre - RGB
AKRLED/5000/RGBW	LED	5 Metre - RGBW
AKRLED/5000/TW	LED	5 Metre - Tunable White

- 24V input offers greater efficiencies and option of longer LED strip sizes
- Single colour, RGB, RGBW and tunable white flexible LED strip with self adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points:
3000K, 4000K: 100mm
RGB, RGBW and Tunable: 167mm (only if required)
- Joint and connection accessories sold separately
- LED lifespan
L70 40,000 hours



Plug and Play connection



Cutting Point

LED Information

Total (Watts)	7.2W per metre
Lumens Delivered per metre	
Cool White	693lm
Warm White	619lm
Lm/W Cool White	99lm
Lm/W Warm White	88lm
CRI	Ra 90
CCT	4000K 3000K RGB
Input	24V



JOINTS

Easy fast-fit range of plug-in connections

ACLED/RC/TOUCH

Visible colour spectrum for easy finger touch control. Memory function for colour, mode, speed and brightness. RF up to a maximum of 20 metres

****Only Compatible with RGB LED strip Not compatible with Tuneable White or RGBW****

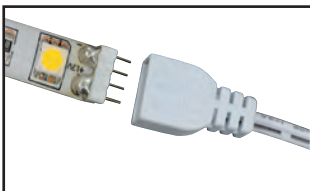
ACLED/AMP/TOUCH

RGB Amplifier (Repeater) for use with ACLED/RC/TOUCH. Repeater(s) can be added to synchronise larger installations

AOCTO/RGBW/BTC

12-24V Bluetooth smart controller.
Max. Wattage
72W - 12V
144W - 24V

****Compatible with all single CCT, Tuneable white, RGB and RGBW****



Link Lead Connection



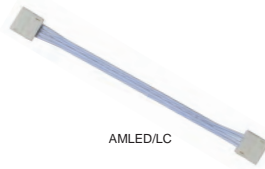
ACLED/90B



ACLED/TC



ACLED/XC



AMLED/LC



ACLED/90/FB



ACLED/AMP/TOUCH



ACLED/RC/TOUCH



AOCTO/RGBW/BTC

Code	Description
ACLED/90B	90° Bend
ACLED/90/FB	90° Flat Bend
ACLED/TC	T Connector
ACLED/XC	X Connector
ACLED100/LL	100mm Link Lead (White and RGB)
ACLED500/LL	500mm Link Lead (White and RGB)
ACLED1000/LL	1000mm Link Lead (White and RGB)
ACLED/ML	1000mm Mains Lead
ACLED/ML/RGB	1000mm Mains Lead RGB
ABOLED/ML/TW	1000mm Mains Lead
ABOLED/ML/RGBW	1000mm Mains Lead RGB
ACLED/RC/TOUCH	Touch RGB RF Remote Control
ACLED/AMP/TOUCH	Touch RGB Amplifier (Repeater)
AMLED/LC	Flexible Quick-fit Joint
ABOLED/LC/RGBW	500mm Link Lead (RGBW)
AOCTO/RGBW/BTC	12 - 24V Single CCT/RGBW Controller
Accessories ADK200W/24V	200W 24V Constant Voltage Driver
ADK320W/24V	320W 24V Constant Voltage Driver

Boa 24V LED Plug and Play Flexible Strip

Supplied Less Driver

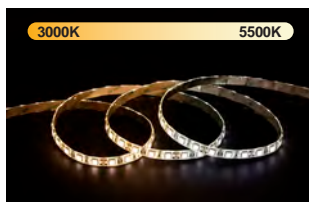
14.4W per Metre



Cool White



Warm White



Tunable White

Code Lamp Description

ABOLED/100/CW	LED	100mm - Cool White
ABOLED/100/WW	LED	100mm - Warm White
ABOLED/100/RGB	LED	100mm - RGB
ABOLED/100/RGBW	LED	100mm - RGBW
ABOLED/100/TW	LED	100mm - Tunable White

ABOLED/300/CW	LED	300mm - Cool White
ABOLED/300/WW	LED	300mm - Warm White
ABOLED/300/RGB	LED	300mm - RGB
ABOLED/300/RGBW	LED	300mm - RGBW
ABOLED/300/TW	LED	300mm - Tunable White

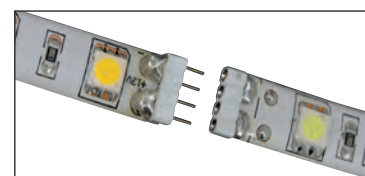
ABOLED/500/CW	LED	500mm - Cool White
ABOLED/500/WW	LED	500mm - Warm White
ABOLED/500/RGB	LED	500mm - RGB
ABOLED/500/RGBW	LED	500mm - RGBW
ABOLED/500/TW	LED	500mm - Tunable White

ABOLED/1000/CW	LED	1 Metre - Cool White
ABOLED/1000/WW	LED	1 Metre - Warm White
ABOLED/1000/RGB	LED	1 Metre - RGB
ABOLED/1000/RGBW	LED	1 Metre - RGBW
ABOLED/1000/TW	LED	1 Metre - Tunable White

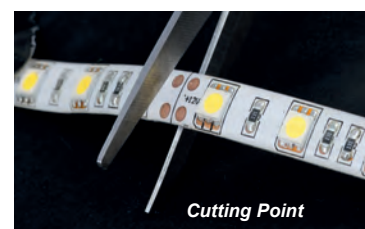
ABOLED/2000/CW	LED	2 Metre - Cool White
ABOLED/2000/WW	LED	2 Metre - Warm White
ABOLED/2000/RGB	LED	2 Metre - RGB
ABOLED/2000/RGBW	LED	2 Metre - RGBW
ABOLED/2000/TW	LED	2 Metre - Tunable White

ABOLED/5000/CW	LED	5 Metre - Cool White
ABOLED/5000/WW	LED	5 Metre - Warm White
ABOLED/5000/RGB	LED	5 Metre - RGB
ABOLED/5000/RGBW	LED	5 Metre - RGBW
ABOLED/5000/TW	LED	5 Metre - Tunable White

- 24V input offers greater efficiencies and option of longer LED strip sizes
- Single colour, RGB, RGBW and tunable white flexible LED strip with self adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points:
3000K, 4000K: 50mm
RGB, RGBW and Tunable: 100mm (only if required)
- Joint and connection accessories sold separately
- LED lifespan
L70 40,000 hours



Plug and Play connection



Cutting Point

LED Information

Total (Watts)	14.4W per metre
Lumens Delivered per metre	
Cool White	1203lm
Warm White	1127lm
Lm/W Cool White	93lm
Lm/W Warm White	87lm
CRI	Ra 90
CCT	4000K 3000K Tunable White RGB RGBW
Input	24V

JOINTS

Easy fast-fit range of plug-in connections

ACLED/RC/TOUCH

Visible colour spectrum for easy finger touch control. Memory function for colour, mode, speed and brightness. RF up to a maximum of 20 metres

****Only Compatible with RGB LED strip Not compatible with Tuneable White or RGBW****

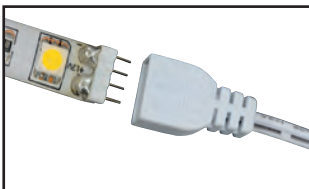
ACLED/AMP/TOUCH

RGB Amplifier (Repeater) for use with ACLED/RC/TOUCH. Repeater(s) can be added to synchronise larger installations

AOCTO/RGBW/BTC

12-24V Bluetooth smart controller.
Max. Wattage
72W - 12V
144W - 24V

****Compatible with all single CCT, Tuneable white, RGB and RGBW****



Link Lead Connection



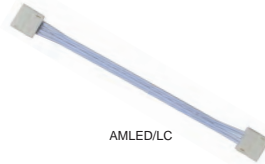
ACLED/90B



ACLED/TC



ACLED/XC



AMLED/LC



ACLED/90/FB



ACLED/AMP/TOUCH



ACLED/RC/TOUCH



AOCTO/RGBW/BTC

Code	Description
ACLED/90B	90° Bend
ACLED/90/FB	90° Flat Bend
ACLED/TC	T Connector
ACLED/XC	X Connector
ACLED100/LL	100mm Link Lead (White and RGB)
ACLED500/LL	500mm Link Lead (White and RGB)
ACLED1000/LL	1000mm Link Lead (White and RGB)
ACLED/ML	1000mm Mains Lead
ACLED/ML/RGB	1000mm Mains Lead RGB
ABOLED/ML/TW	1000mm Mains Lead
ABOLED/ML/RGBW	1000mm Mains Lead RGB
ACLED/RC/TOUCH	Touch RGB RF Remote Control
ACLED/AMP/TOUCH	Touch RGB Amplifier (Repeater)
AMLED/LC	Flexible Quick-fit Joint
ABOLED/LC/RGBW	500mm Link Lead (RGBW)
AOCTO/RGBW/BTC	12 - 24V Single CCT/RGBW Controller
Accessories ADK200W/24V	200W 24V Constant Voltage Driver
ADK320W/24V	300W 24V Constant Voltage Driver

Adder 12V LED Plug and Play Flexible Strip **7.2W per Metre**

Supplied Less Driver



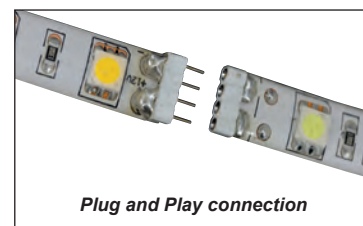
Cool White



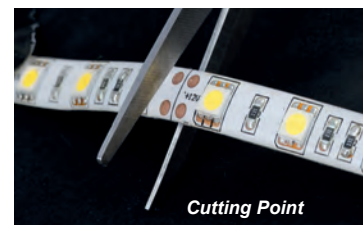
Warm White



- Single colour and RGB flexible LED strip with self adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points every 100mm (only if required)
- Joint and connection accessories sold separately
- Voltage drop of 1.5V per 5 metres
- LED lifespan L70 40,000 hours
- Dimmable with LED driver
ADDIM50W/12V
ADDIM75W/12V
ADDIM100W/12V
(see p186 for driver)



Plug and Play connection



Cutting Point

Code	Lamp	Description
AADLED/100/CW	LED	100mm - Cool White
AADLED/100/WW	LED	100mm - Warm White
AADLED/100/RGB	LED	100mm - RGB

AADLED/300/CW	LED	300mm - Cool White
AADLED/300/WW	LED	300mm - Warm White
AADLED/300/RGB	LED	300mm - RGB

AADLED/500/CW	LED	500mm - Cool White
AADLED/500/WW	LED	500mm - Warm White
AADLED/500/RGB	LED	500mm - RGB

AADLED/1000/CW	LED	1 Metre - Cool White
AADLED/1000/WW	LED	1 Metre - Warm White
AADLED/1000/RGB	LED	1 Metre - RGB

AADLED/2000/CW	LED	2 Metre - Cool White
AADLED/2000/WW	LED	2 Metre - Warm White
AADLED/2000/RGB	LED	2 Metre - RGB

AADLED/5000/CW	LED	5 Metre - Cool White
AADLED/5000/WW	LED	5 Metre - Warm White
AADLED/5000/RGB	LED	5 Metre - RGB

LED Information

Total (Watts)	7.2W per metre
Lumens Delivered per metre	
Cool White	520lm
Warm White	495lm
Lm/W Cool White	80lm
Lm/W Warm White	75lm
CRI	Ra 80
CCT	4000K
	3000K
	RGB
Input	12V



JOINTS

Easy fast-fit range of plug-in connections

ACLED/RC/TOUCH

Visible colour spectrum for easy finger touch control. Memory function for colour, mode, speed and brightness. RF up to a maximum of 20 metres

****Only Compatible with RGB LED strip Not compatible with Tuneable White or RGBW****

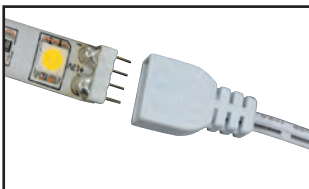
ACLED/AMP/TOUCH

RGB Amplifier (Repeater) for use with ACLED/RC/TOUCH. Repeater(s) can be added to synchronise larger installations

AOCTO/RGBW/BTC

12-24V Bluetooth smart controller.
Max. Wattage
72W - 12V
144W - 24V

****Compatible with all single CCT, Tuneable white, RGB and RGBW****



Link Lead Connection



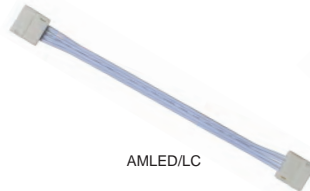
ACLED/90B



ACLED/TC



ACLED/XC



AMLED/LC



ACLED/90/FB



ACLED/AMP/TOUCH



ACLED/RC/TOUCH



AOCTO/RGBW/BTC

Code	Description
ACLED/90B	90° Bend
ACLED/90/FB	90° Flat Bend
ACLED/TC	T Connector
ACLED/XC	X Connector
ACLED100/LL	100mm Link Lead (White and RGB)
ACLED500/LL	500mm Link Lead (White and RGB)
ACLED1000/LL	1000mm Link Lead (White and RGB)
ACLED/ML	1000mm Mains Lead
ACLED/ML/RGB	1000mm Mains Lead RGB
ACLED/RC/TOUCH	Touch RGB RF Remote Control
ACLED/AMP/TOUCH	Touch RGB Amplifier (Repeater)
AMLED/LC	Flexible Quick-fit Joint
AOCTO/RGBW/BTC	12 - 24V Single CCT/RGBW Controller
Accessories AD30W/12V	30W 12V Constant Voltage Driver
AD75W/12V	75W 12V Constant Voltage Driver
ADDIM75W/12V	75W 12V Dimmable (1-10V or Switch Dim)

Cobra 12V LED Plug and Play Flexible Strip

Supplied Less Driver

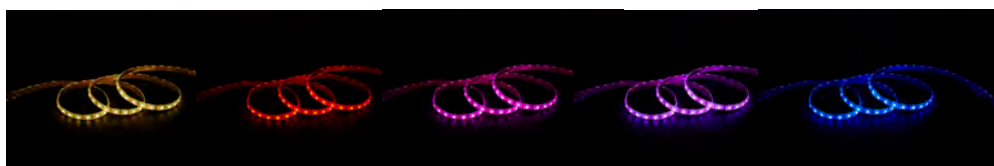
14.4W per Metre



Cool White

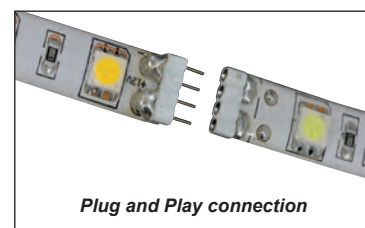


Warm White

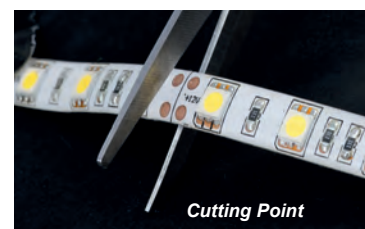


- High density (brightness) single colour and RGB flexible LED strip with self adhesive back
- Fast fit plug and play connections remove the need for time consuming soldering of joints
- Cutting points every 50mm (only if required)
- Joint and connection accessories sold separately
- Voltage drop of 1.5V per 5 metres
- LED lifespan L70 40,000 hours
- Dimmable with LED driver
ADDIM50W/12V
ADDIM75W/12V
ADDIM100W/12V
(see p186 for driver)

Code	Lamp	Description
ACLED/100/CW	LED	100mm - Cool White
ACLED/100/WW	LED	100mm - Warm White
ACLED/100/RGB	LED	100mm - RGB
ACLED/300/CW	LED	300mm - Cool White
ACLED/300/WW	LED	300mm - Warm White
ACLED/300/RGB	LED	300mm - RGB
ACLED/500/CW	LED	500mm - Cool White
ACLED/500/WW	LED	500mm - Warm White
ACLED/500/RGB	LED	500mm - RGB
ACLED/1000/CW	LED	1 Metre - Cool White
ACLED/1000/WW	LED	1 Metre - Warm White
ACLED/1000/RGB	LED	1 Metre - RGB
ACLED/2000/CW	LED	2 Metre - Cool White
ACLED/2000/WW	LED	2 Metre - Warm White
ACLED/2000/RGB	LED	2 Metre - RGB
ACLED/5000/CW	LED	5 Metre - Cool White
ACLED/5000/WW	LED	5 Metre - Warm White
ACLED/5000/RGB	LED	5 Metre - RGB



Plug and Play connection



Cutting Point

LED Information

Total (Watts)	14.4W per metre
Lumens Delivered per metre	
Cool White	1000lm
Warm White	950lm
Lm/W Cool White	76lm
Lm/W Warm White	73lm
CRI	Ra 80
CCT	4000K
	3000K
	RGB
Input	12V

JOINTS

Easy fast-fit range of plug-in connections

ACLED/RC/TOUCH

Visible colour spectrum for easy finger touch control. Memory function for colour, mode, speed and brightness. RF up to a maximum of 20 metres

****Only Compatible with RGB LED strip Not compatible with Tuneable White or RGBW****

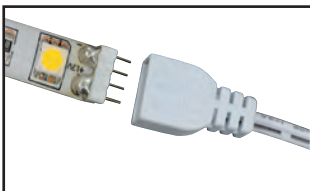
ACLED/AMP/TOUCH

RGB Amplifier (Repeater) for use with ACLED/RC/TOUCH. Repeater(s) can be added to synchronise larger installations

AOCTO/RGBW/BTC

12-24V Bluetooth smart controller.
Max. Wattage
72W - 12V
144W - 24V

****Compatible with all single CCT, Tuneable white, RGB and RGBW****



Link Lead Connection



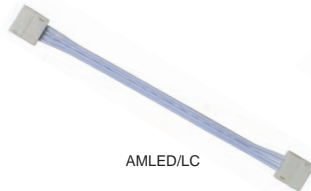
ACLED/90B



ACLED/TC



ACLED/XC



AMLED/LC



ACLED/90/FB



ACLED/AMP/TOUCH



ACLED/RC/TOUCH



AOCTO/RGBW/BTC

Code	Lamp	Description
ACLED/90B		90° Bend
ACLED/90/FB		90° Flat Bend
ACLED/TC		T Connector
ACLED/XC		X Connector
ACLED100/LL		100mm Link Lead (White and RGB)
ACLED500/LL		500mm Link Lead (White and RGB)
ACLED1000/LL		1000mm Link Lead (White and RGB)
ACLED/ML		1000mm Mains Lead
ACLED/ML/RGB		1000mm Mains Lead RGB
ACLED/RC/TOUCH		Touch RGB RF Remote Control
ACLED/AMP/TOUCH		Touch RGB Amplifier (Repeater)
AMLED/LC		Flexible Quick-fit Joint
AOCTO/RGBW/BTC		12 - 24V Single CCT/RGBW Controller
Accessories	AD30W/12V	30W 12V Constant Voltage Driver
	AD75W/12V	75W 12V Constant Voltage Driver
	ADDIM75W/12V	75W 12V Dimmable (1-10V or Switch Dim)

Python White Flexible LED Strip Kits

Supplied c/w Integral Driver



- 5 metre flexible strip kit with self-adhesive back
- Flexible quick-fit joint included
- Fast and easy-fit plug and play connection from driver to LED strip
- Cutting point every 80mm
- 6W per metre
- LED lifespan L70 20,000 hours

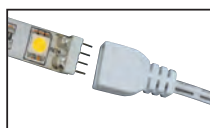
Each Kit Includes:-



5M Strip



LED Driver



Plug-in Connection from Strip to Driver



Flexible Quick-Fit Joint

Code	Lamp	Description
APYLED/KIT/CW	LED	5M 30W LED Strip Kit - Cool White
APYLED/KIT/WW	LED	5M 30W LED Strip Kit - Warm White

Accessories	AMLED/LC	Flexible Quick-fit Joint
-------------	----------	--------------------------

LED Information

Total (Watts)	30W
Delivered Lumens	
Cool White	1800lm
Warm White	1600lm
Lm/W Cool White	80lm
Lm/W Warm White	75lm
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



Viper RGB Flexible LED Strip Kit



239

- 5 metre RGB flexible strip kit with self adhesive back
- Flexible quick-fit joint included
- Easy fit plug and play connection
- Cutting point every 100mm
- 7.2W per metre
- LED lifespan L70 25,000 hours



5M RGB Strip

Each Kit Includes:-



IR Controller



Power Supply



Receiver

LED Information

Total (Watts)	36W
CCT	RGB
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



Flexible Quick-Fit Joint

Code	Lamp	Description
AVLED/KIT	LED	5M 36W RGB LED Strip Kit
Accessories	AMLED/LC	Flexible Quick-fit Joint



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Mamba Tunable White Flexible LED Strip Kit



- 5 metre flexible strip kit with self-adhesive back
- Flexible quick-fit joint included
- Tunable white between 2500K and 6500K colour temperatures
- Adjustable brightness
- Easy fit plug and play connection
- Cutting point every 55mm
- 6W per metre
- LED lifespan L70 25,000 hours



5M Tunable Strip

Each Kit Includes:-



IR Controller



Power Supply



Receiver



Flexible Quick-Fit Joint

Code	Lamp	Description
AMLED/KIT/TUNE	LED	5M 30W Tunable White LED Strip Kit
Accessories	AMLED/LC	Flexible Quick-fit Joint

LED Information

Total (Watts)	30W
CCT	2500K to 6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



Concho

241

IP65 AC LED FLEXIBLE LIGHTING

NO DRIVER REQUIRED

- For ease and speed of installation
- No management costs

HIGH OUTPUT LED

- 1000lm per metre Warm White
- 1100lm per metre Cool White
- 100lm/W

MAINTENANCE FREE LED

INSTALLATION LENGTH

- Ultra long runs
- 50 metres cool white and warm white
- 30 metres RGB

OPTICALLY CLEAR THERMOPLASTIC SLEEVE For optimum performance



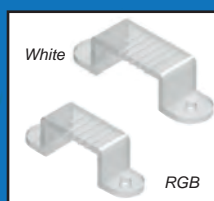
White LED Power
Supply



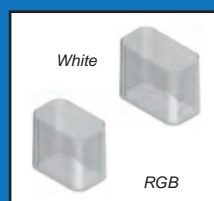
RGB LED Power
Supply



RGB Flexi-Bend



Fixing Clips



End Caps



Silicon Glue

- Not submersible
- Not intended for applications where water can puddle
- Not intended for applications where product can be covered by snow
- All connections must be sealed with silicon

IP65 Concho AC LED Strip (Up to 1100lm per metre)

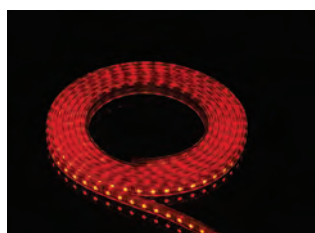
No Driver Required



Cool White



Warm White



R



G



B

White LED Cut-Lengths (1 Metre Multiples)

Code	Lamp	Description
ACONLED/CL/WW	LED	Warm White (Per Metre c/w 3 Fixing Clips)
ACONLED/CL/CW	LED	Cool White (Per Metre c/w 3 Fixing Clips)
ACONLED/CL/PS	LED	Power Supply (1 Required Per Cut Length)

RGB LED Cut-Lengths (1 Metre Multiples)

ACONLED/CL/RGB	LED	RGB (Per Metre c/w 3 x Clips)
ACONLED/CL/RGB/PS	LED	RGB Power Supply and Touch RF Control (1 Required Per Cut Length)

White LED 50 Metre Drums

ACONLED/50/WW	LED	Warm White
ACONLED/50/CW	LED	Cool White
ACONLED/50/PS	LED	Power Supply
ACONLED/END	LED	End Cap
ACONLED/SILG	LED	100ml Silicon Glue
ACONLED/CLIPS	LED	3 x Fixing Clips
ACONLED/FBEND	LED	200mm Flexi Bend

RGB LED 30 Metre Drums

ACONLED/30/RGB	LED	RGB
ACONLED/30/RGB/PS	LED	RGB Power Supply (1 Required Per Length)
ACONLED/RGB/FBEND	LED	RGB 200mm Flexi Bend
ACONLED/SILG	LED	100ml Silicon Glue
ACONLED/RGB/END	LED	RGB End Cap
ACONLED/RGB/CLIPS	LED	3 x RGB Fixing Clips

- High output LED strip for external applications
- Supplied as specific cut-lengths to order
- AC LED strip does not require driver
- 3000K/4000K LED suitable for installations up to 50 metres run length
- RGB LED suitable for installations up to 30 metres run length
- Cutting points:-
White LED 500mm
RGB LED 1000mm
- Non-returnable product
- LED lifespan L70 35,000 hours
- 3000K/4000K non-dimmable
- Adjustable brightness control for RGB

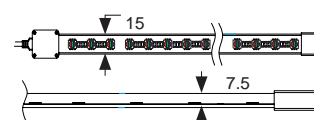
White LED Cut-Lengths

All pre-cut lengths are supplied pre-leaded and sealed with power supply connection and end cap

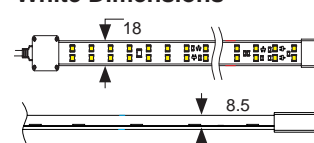
RGB LED Cut-Length

RGB RF remote handset will control one pre-cut length only

RGB Dimensions



White Dimensions



LED Information

Total (Watts)	
White	11W per metre
RGB	10W per metre
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C





Project - Vue Cinema
Preston, UK

Matrix LED CCT Linklight

Supplied c/w Integral Driver



- CCT Selectable LED linklight with integral driver
- Side mounted switch allows installer the choice of 3000K or 4000K colour temperature options
- Moulded spine fitted with integral switch and fixed diffuser
- c/w angled and straight fixing clips
- Supplied c/w 1.5m mains power lead
- Linkable up to a maximum of twelve fittings
- LED lifespan L70 25,000 hours
- Non-dimmable

LED Information

	Cool White	Warm White
Total (Watts)	3W 7W 13W 18W	
Lumens Delivered	290lm 712lm 1320lm 1844lm	272lm 696lm 1268lm 1724lm
Lm/W	97lm 102lm 102lm 102lm	91lm 99lm 98lm 96lm
CRI	Ra 80	
CCT	4000K 3000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 40°C	

Code	Lamp	Description	Length	Width	Depth
AMALED20/CCT	LED	3W - 4000K/3000K	220	22.8	38.4
AMALED50/CCT	LED	7W - 4000K/3000K	525	22.8	38.4
AMALED80/CCT	LED	13W - 4000K/3000K	858	22.8	38.4
AMALED120/CCT	LED	18W - 4000K/3000K	1158	22.8	38.4

Accessories	A250TLL/T5	250mm Link Lead
	A500TLL/T5	500mm Link Lead
	A1000TLL/T5	1000mm Link Lead







Project - Private Residential
Holmes Chapel, UK

Reveal AC LED Cabinet Light

No Driver Required



247

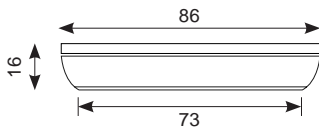
- AC 230V low profile mains surface mounted cabinet light
- Integrated AC LED technology
- Pre-wired with 1.5 metres of mains cable for fast installation
- Direct replacement for traditional halogen
- LED lifespan L70 54,000 hours
- Non-dimmable



ARCLD/CW/W



ARCLD/CW/SS



LED Information

Total (Watts)	2W
Lumens Delivered	
Cool White	146lm
Warm White	132lm
Lm/W Cool White	73lm
Lm/W Warm White	66lm
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description
ARCLD/CW/W	LED	2W - Cool White - White
ARCLD/CW/SS	LED	2W - Cool White - Silver
ARCLD/WW/W	LED	2W - Warm White - White
ARCLD/WW/SS	LED	2W - Warm White - Silver



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Reveal AC LED Tri-Light

No Driver Required

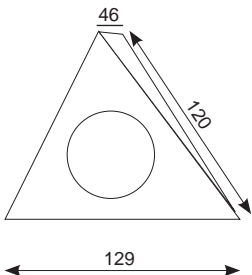


ARLEDTL/CW



ARLEDTL/WW

- AC 230V mains surface under cabinet downlight
- Integrated AC LED technology
- Pre-wired with 1.5 metres of mains cable for fast installation
- Direct replacement for traditional halogen
- LED lifespan L70 54,000 hours
- Non-dimmable



LED Information

Total (Watts)	2W
Lumens Delivered	
Cool White	123lm
Warm White	111lm
Lm/W Cool White	61lm
Lm/W Warm White	56lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description
ARLEDTL/CW	LED	2W - Cool White - Satin Chrome
ARLEDTL/WW	LED	2W - Warm White - Satin Chrome



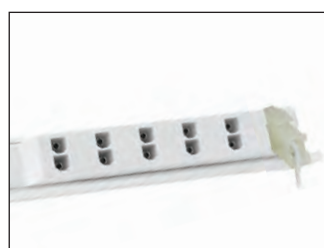
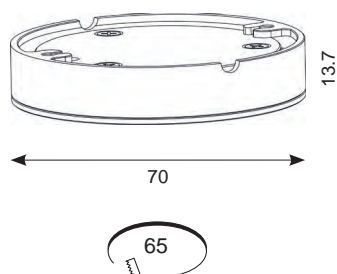
Trio LED Cabinet Light Kit

Supplied c/w Remote Driver and Plug and Play Junction Box



249

- 3-light cabinet/undershelf kit for halogen replacement
- Surface or recessed mounting
- Die-cast aluminium construction
- Pre-wired with 1.5 metres mains cable c/w driver and 6 way plug-in junction box
- 2 metre plug and play connections
- LED lifespan L70 40,000 hours
- Non-dimmable



6 Way Plug and Play Connection

- Individual cabinet lights for expanding kits
- Up to 3 additional cabinet lights can be added to each kit
- A 12V driver will be required if not used with Trio kit

LED Information

Total (Watts)	3 x 3W
Lumens Delivered	3 x 80lm
Lm/W	27lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



ATCKLED/W
(Kit)



ATCKLED/SI
(Kit)



ATCSLED/W
(Individual)



ATCSLED/SI
(Individual)

	Code	Lamp	Description
Kit	ATCKLED/W	LED	3 x 3W Warm White Kit - White
	ATCKLED/SI	LED	3 x 3W Warm White Kit - Silver
Individual	ATCSLED/W	LED	1 x 3W Warm White Single - White
	ATCSLED/SI	LED	1 x 3W Warm White Single - Silver



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Gamma Mini LED

Supplied c/w Integral Driver



AMGAMLED

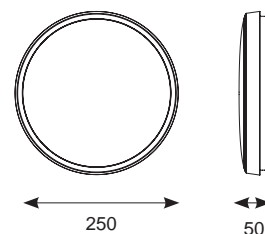


Chrome Trim Ring Fitted



Ultra slim profile

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Performance comparable to 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Code	Lamp	Description
AMGAMLED	LED	11W - Cool White
AMGAMLED/WW	LED	11W - Warm White

Options	/M3	Emergency
	/MWS	Internal Microwave Sensor

Accessories	AMGAMLEDBZ/CH	Chrome Trim Ring
--------------------	----------------------	------------------

LED Information

Total (Watts)	11W
Lumens Delivered	
Cool White	1031lm
Warm White	971lm
Lm/W Cool White	94lm
Lm/W Warm White	88lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C



Gamma Mini LED CCT

Supplied c/w Integral Driver



251

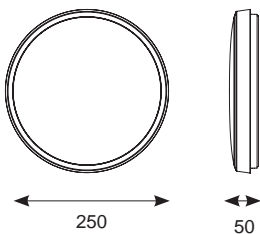
- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- One product provides both 3000K and 4000K colour temperature options
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



AMGAMLED/CCT



Chrome Trim Ring Fitted



Ultra slim profile



Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	1148lm
Warm White	1053lm
Lm/W Cool White	115lm
Lm/W Warm White	105lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

Code	Lamp	Description
AMGAMLED/CCT	LED	10W - Cool White/Warm White

Options	/M3	Emergency
	/MWS	Internal Microwave Sensor

Accessories	AMGAMLEDBZ/CH	Chrome Trim Ring
-------------	---------------	------------------



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Gamma LED

Supplied c/w Integral Driver

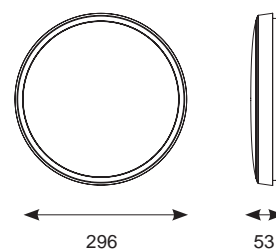


Chrome Trim Ring Fitted



Ultra slim profile

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Outperforms 38W CFL
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Code	Lamp	Description
AGAMLED	LED	18W - Cool White
AGAMLED/WW	LED	18W - Warm White

Options	/M3	Emergency
	/MWS	Internal Microwave Sensor

Accessories	AGAMLEDBZ/CH	Chrome Trim Ring
--------------------	---------------------	------------------

LED Information

Total (Watts)	18W
Lumens Delivered	
Cool White	1675lm
Warm White	1551lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C



Gamma LED CCT

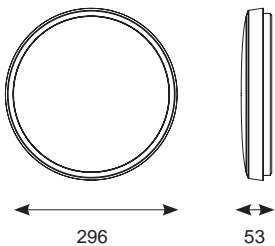
Supplied c/w Integral Driver



253



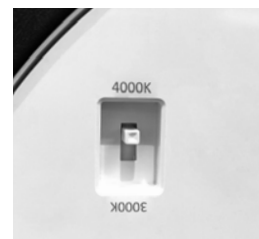
- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- One product provides both 3000K and 4000K colour temperature options
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 38W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Chrome Trim Ring Fitted



Ultra slim profile



Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1846lm
Warm White	1681lm
Lm/W Cool White	109m
Lm/W Warm White	99lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C

	Code	Lamp	Description
	AGAMLED/CCT	LED	17W - Cool White / Warm White
Options	/M3	Emergency	
	/MWS	Internal Microwave Sensor	
Accessories	AGAMLEDBZ/CH	Chrome Trim Ring	



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

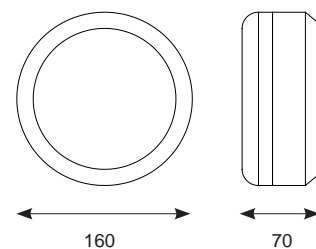


Beta LED

Supplied c/w Integral Driver



- Multi-purpose compact surface LED bulkhead
- IP44 rating and suitable for bathroom use
- All polycarbonate construction
- Comparable performance to 100W GLS and outperforms 16W CFL equivalents
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours
- Non-dimmable



LED Information

Total (Watts)	5W
Lumens Delivered	436lm
Lm/W	87lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description
ABELED/WV	LED	5W - Cool White - White Base, Opal Visiluxe Diffuser



Disco Slim LED CCT

Supplied c/w Integral Driver



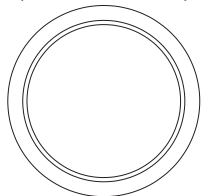
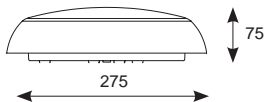
255

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- One product provides both 3000K and 4000K colour temperature options
- 7W exceeds performance of 16W TC-DD
- 13W exceeds performance of 38W TC-DD
- Two options of microwave sensor emergency
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

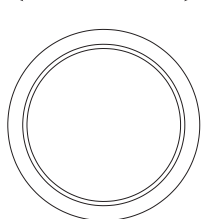
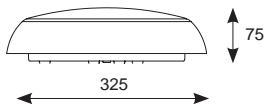


ADSILED1/CCT

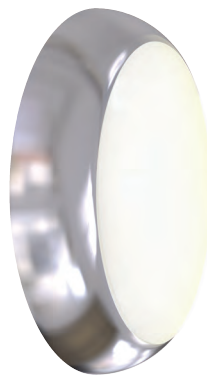
IP65



ADSILED1/CCT



ADSILED2/CCT



fitted with chrome trim ring



fitted with graphite trim ring

LED Information

	Cool White	Warm White
Total (Watts)	7W	13W
Lumens Delivered	643lm 1083lm	575lm 1027lm
Lm/W	92lm 83lm	82lm 79lm
CRI	Ra 80	
CCT	4000K 3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description
ADSILED1/CCT	LED	7W - Cool White/Warm White
ADSILED2/CCT	LED	13W - Cool White/Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)

Accessories	ADSILED1BZ/CH	Chrome Trim Ring (7W)
	ADSILED1BZ/GR	Graphite Trim Ring (7W)
	ADSILED2BZ/CH	Chrome Trim Ring (13W)
	ADSILED2BZ/GR	Graphite Trim Ring (13W)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



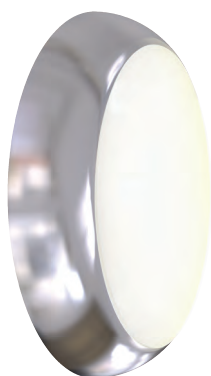
Disco Slim LED

Supplied c/w Integral Driver



ADSILED1

IP65

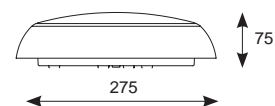


fitted with chrome trim ring

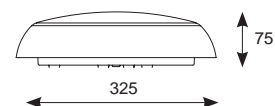


fitted with graphite trim ring

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- 8W exceeds performance of 16W TC-DD
- 13W exceeds performance of 38W CFL
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



ADSILED1



ADSILED2

Code	Lamp	Description
ADSILED1	LED	8W - Cool White
ADSILED1/WW	LED	8W - Warm White

ADSILED2	LED	13W - Cool White
ADSILED2/WW	LED	13W - Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)

Accessories	ADSILED/1BZ/CH	Chrome Trim Ring (8W)
	ADSILED/1BZ/GR	Graphite Trim Ring (8W)
	ADSILED/2BZ/CH	Chrome Trim Ring (13W)
	ADSILED/2BZ/GR	Graphite Trim Ring (13W)

LED Information

	Cool White	Warm White
Total (Watts)	8W	13W
Lumens Delivered	584lm	547lm
	1021lm	979lm
Lm/W	73lm	68lm
	79lm	75lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	



Disco Slim Halo LED

Supplied c/w Integral Driver

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- Unique design creates halo light spill effect
- 8W exceeds performance of 28W TC-DD
- 13W comparable performance to 40W TC-DD
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

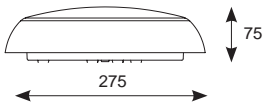


257

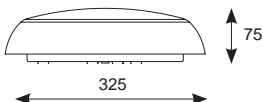


ADSIHLED1

IP65



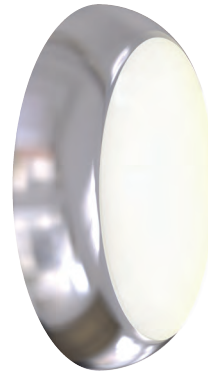
ADSIHLED1



ADSIHLED2



Halo light spill effect



fitted with chrome trim ring



fitted with graphite trim ring

LED Information

Cool White Warm White

Total (Watts)	8W 13W	
Lumens Delivered	687lm 1198lm	605lm 1064lm
Lm/W	86lm 92lm	87lm 82lm
CRI	Ra 80	
CCT	4000K 3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description
ADSIHLED1	LED	8W - Cool White
ADSIHLED1/WW	LED	8W - Warm White

ADSIHLED2	LED	13W - Cool White
ADSIHLED2/WW	LED	13W - Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)

Accessories	ADSILED/1BZ/CH	Chrome Trim Ring (8W)
	ADSILED/1BZ/GR	Graphite Trim Ring (8W)
	ADSILED/2BZ/CH	Chrome Trim Ring (13W)
	ADSILED/2BZ/GR	Graphite Trim Ring (13W)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Disco LED

Supplied c/w Integral Driver



ADILED1

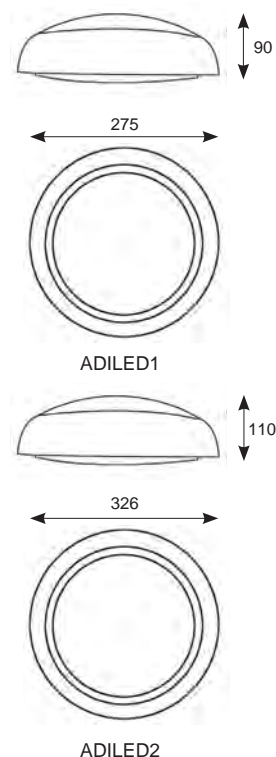
IP65



ADILED2

IP65

- All polycarbonate construction with opal diffuser and white trim ring
- LED performance exceeds CFL equivalents
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



Code	Lamp	Description
ADILED1	LED	8W - Cool White
ADILED2	LED	14W - Cool White

Options	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (14W only)

Accessories	ADI28BZ/BR	Brass Trim Ring (14W)
	ADI28BZ/CH	Chrome Trim Ring (14W)
	ADI28BZ/SG	Silver Grey Trim Ring (14W)

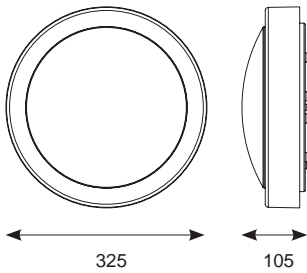
LED Information

Total (Watts)	8W
	14W
Lumens Delivered	539lm
	860lm
Lm/W	67lm
	61lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 25°C





- Contemporary all polycarbonate fixture for wall/ceiling mounting
- LED performance exceeds CFL equivalents
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Optional chrome trim ring
- LED lifespan L70 56,000 hours



IP65

AJALED



Chrome Trim Ring Fitted

LED Information

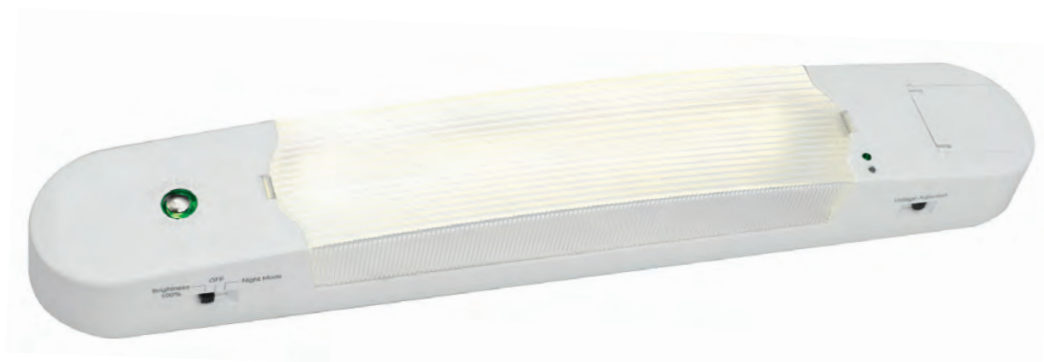
Total (Watts)	14W
Lumens Delivered	993lm
Lm/W	66lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description
AJALED	LED	14W - Cool White
Options	/M3	Emergency
	/MWS	Internal Microwave Sensor
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION
Accessories	AJALEDDBZ/CH	Chrome Trim Ring

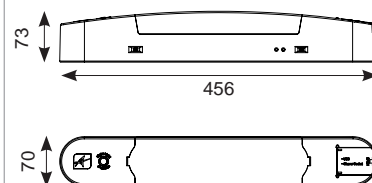


Profile Dual Voltage LED Razor Light

c/w Integral Driver



- Ultra-slim unobtrusive modern design
- Directional light output provides optimum facial illumination
- All switches SELV rated for ultimate safety
- Night light function with four minute timed override switch for full power output
- Only 1.8W power consumption in night light mode
- Optional wiring facility for remote bedside operation of night light function
- USB 2A charge port
- 110/230V selectable shaver output and isolating transformer
- LED lifespan L70 50,000 hours



Access to shaver connection and USB charge port via hinged protective cover. Simple SELV switch provides the ability to select required voltage.



Easy to operate SELV switch function provides the ability to select 100% brightness, night light mode, and on/off settings.



Illuminated soft touch SELV switch for night light, with four minute timed override providing full brightness when required.

LED Information

Total (Watts)	8W
Lumens Delivered	
Full Power	436lm
Night light	33lm
Lm/W	55lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

Code	Lamp	Description
APLEDDVRL	LED	8W - Cool White



Dual Voltage Razor Light

Supplied c/w Lamp



261

- Modern profile razor light with dual voltage options (110/230V) and isolating transformer
- Polycarbonate body and diffuser
- Pull cord for illumination
- Prismatic diffuser



Dimensions - mm

Length 493

Width 60

Depth 71



Code	Lamp	Description
ADVRL	284mm Strip	60W - White

Dual Voltage Shaver Socket



- Modern profile shaver socket with isolating transformer
- 115Volt and 230Volt outputs
- Supplied with screws and plastic covers



ADVSS



Code	Lamp	Description
ADVSS		Dual Voltage Shaver Socket

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750







Project

The Kirkfield - Newton-le-Willows, UK



Beam AC LED p308

Amenity



267

Decorative Ceiling/Wall



275

Architectural Die-Cast Wall



287

Directional Wall



310

Decorative Ceiling / Wall



313

Polycarbonate Ceiling / Wall



330

Bulkheads

338

*Recessed Wall*

350

*Lanterns and Half Lanterns*

359

*Bollards*

384

*Portable Lanterns*

386

*Feature Landscape Illumination*

392

*Inground Uplights and Controllers*



Designed to
Deliver...



Reef LED CCT Fixed and Adjustable Surface Downlights

Supplied c/w Integral Driver



267

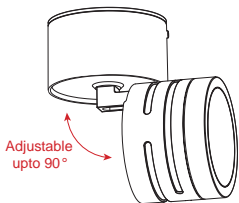
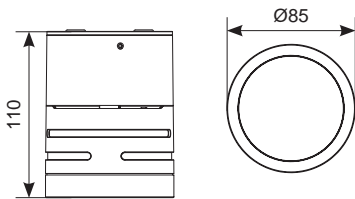
- Durable indoor/outdoor surface mounted downlight
- Polycarbonate construction ideal for coastal applications
- CCT selectable between 3000K, 4000K and 6000K
- Unique lockable installation base plate with push fit loop-in loop-out terminals for ease of installation
- Fixed surface and adjustable surface options
- LED lifespan L80 54,000 hours
- Non-dimmable



AREELED D
Fixed Downlight
Cool White



AREELED A
Adjustable Downlight
Cool White



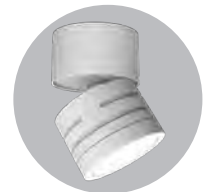
AREELED D
Warm White



AREELED D
Daylight



AREELED A
Warm White



AREELED A
Daylight

LED Information

Total (Watts)	5W
Lumens Delivered	
Warm White	450lm
Cool White	486lm
Daylight	471lm
Lm/W	
Warm White	90lm
Cool White	97lm
Daylight	94lm
Beam Angle	90°
CRI	Ra 80
CCT	3000K
	4000K
	6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Unique Click and Lock Mounting Bracket



Integral CCT switch allows installer the choice of 3000K, 4000K and 6000K colour temperature options



1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing plate



2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall

	Code	Lamp	Description
Fixed	AREELED D	LED	5W - Warm White/Cool White/Daylight
Adjustable	AREELED A	LED	5W - Warm White/Cool White/Daylight - White

Furia AC LED

No Driver Required

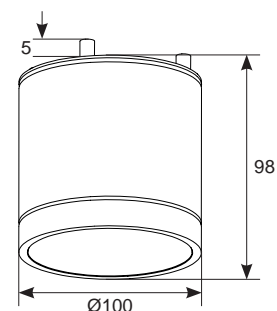


AFULED/W



AFULED/GR

- Shallow AC LED die-cast surface downlight
- Modern aesthetic appearance
- Exceeds performance of 1x26W PL
- Integrated AC LED technology
- 37° beam angle
- LED lifespan L70 30,000 hours
- Triac dimmable as standard



LED Information

Total (Watts)	10W
Lumens Delivered	719lm
Lm/W	74lm
Beam Angle	37°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AFULED/W	LED	10W - Warm White - White
AFULED/GR	LED	10W - Warm White - Graphite



Callisto AC LED Wall/Ceiling

No Driver Required

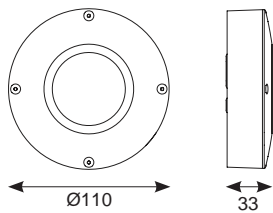


269

- Modern surface mounted ultra-slim wall/ceiling light
- Die-cast aluminium construction with choice of white or graphite paint finish
- Integrated AC LED technology
- Dupont paint finish
- Tamper-proof stainless steel allen key screws
- LED lifespan L70 50,000 hours
- Non-dimmable



ACLED/W



ACLED/GR

LED Information

Total (Watts)	4W
Lumens Delivered	181lm
Lm/W	45lm
Beam Angle	65°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-40°C to 80°C



Code	Lamp	Description
ACLED/W	LED	4W - Warm White - White
ACLED/GR	LED	4W - Warm White - Graphite

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Callisto AC LED Low Level

No Driver Required

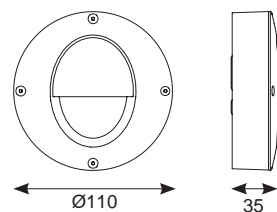


ACLPWLED/W



ACLPWLED/GR

- Modern surface mounted ultra-slim low level light
- Die-cast aluminium construction with choice of white or graphite paint finish
- Dupont paint finish
- Integrated AC LED technology
- Tamper-proof stainless steel allen key screws
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	4W
Lumens Delivered	121lm
Lm/W	31lm
Beam Angle	51°
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-40°C to 80°C

Code	Lamp	Description
ACLPWLED/W	LED	4W - Warm White - White
ACLPWLED/GR	LED	4W - Warm White - Graphite





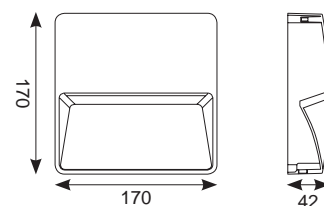
Project - Private Residence
Newton-le-Willows, UK

Galia LED

Supplied c/w Integral Driver



- Surface mounting ultra-slim low level square pathway light with downward light-spill
- Die-cast aluminium construction with graphite paint finish
- Comparable performance to 26W PLC
- Screwless front cover with concealed allen key access
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	300lm
Lm/W	30lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
AGALSQLED	LED	10W - Cool White



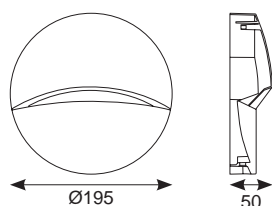
Matala LED

Supplied c/w Integral Driver



273

- Surface mounting ultra-slim low level circular pathway light with downward light-spill
- Die-cast aluminium construction with graphite paint finish
- Comparable performance to 26W PLC
- Screwless front cover with concealed allen key access
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	360lm
Lm/W	36lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
AMATROLED	LED	10W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Kappa LED

Supplied c/w Integral Driver



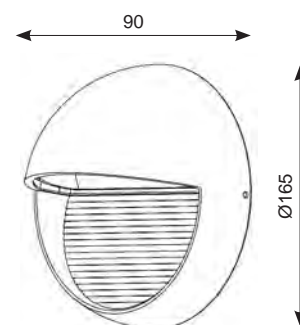
AKLED/B/WW



AKLED/SG

Code	Lamp	Description
AKLED/B	LED	4.5W Cool White - Black
AKLED/SG	LED	4.5W Cool White - Silver Grey
AKLED/B/WW	LED	4.5W Warm White - Black
AKLED/SG/WW	LED	4.5W Warm White - Silver Grey

- Compact wall light with integral driver
- Downward light spill ideal for pathway illumination
- Die-cast aluminium construction
- LED lifespan L70 40,000 hours
- Non-dimmable



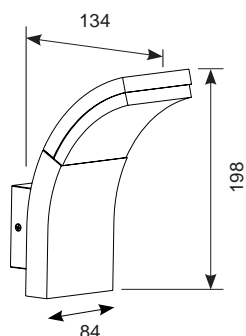
LED Information

Total (Watts)	4.5W
Lumens Delivered	
Cool White	270lm
Warm White	117lm
Lm/W	
Cool White	60lm
Warm White	26lm
CRI	Ra 70
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C





- Contemporary die-cast aluminium LED wall light
- Standard and PIR options
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours
- Non-dimmable



PIR



6 to 9 metres
5 seconds to 8 minutes
10 to 2000 LUX

LED Information

Total (Watts)	6.5W
Lumens Delivered	366lm
Lm/W	52lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



ASELED/WL



ASELED/WL/PIR

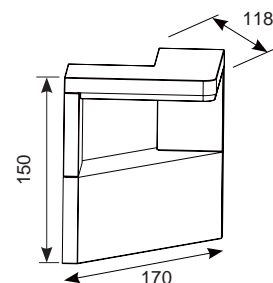
	Code	Lamp	Description
Standard	ASELED/WL	LED	6.5W Cool White
PIR	ASELED/WL/PIR	LED	6.5W - PIR - Cool White

Arco LED

Supplied c/w Integral Driver



- Ultra modern LED wall light
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	11W
Lumens Delivered	643lm
Lm/W	58lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description
AARLED/WL	LED	11W Cool White



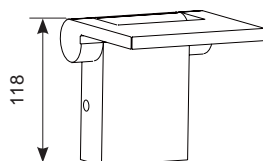
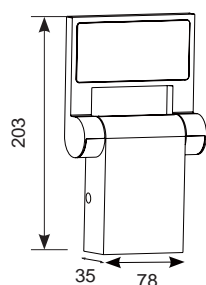
Tempo LED

Supplied c/w Integral Driver



277

- Contemporary die-cast aluminium LED wall light
- Adjustable head to 90° for variable direction of light
- Standard and PIR options
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours
- Non-dimmable



6 to 10 metres
8 seconds to 8 minutes
5 to 200 LUX

LED Information

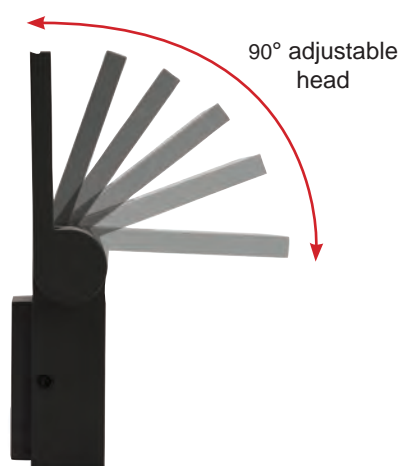
Total (Watts)	10W
Lumens Delivered	738lm
Lm/W	73lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



ATLED/WL



ATLED/WL/PIR



	Code	Lamp	Description
Standard	ATLED/WL	LED	10W Cool White
PIR	ATLED/WL/PIR	LED	10W - PIR - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Dolce LED

Supplied c/w Integral Driver



ADOCLED/WL

- Ultra modern LED wall light
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W
Lumens Delivered	690lm
Lm/W	76lm
CRI	Ra 80
CCT	4000K
Input	100/240V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



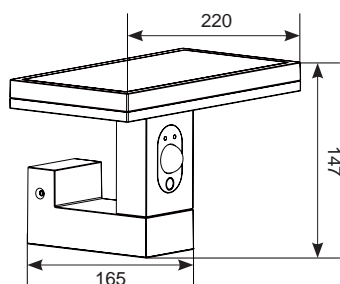
Pavia Solar LED

Supplied c/w Integral Driver



279

- Ultra modern die-cast solar powered aluminium LED wall light
- PIR motion sensor as standard
- Automatic day/night mode switching
- 2 operation modes:-
1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours



LED Information

Lumens Delivered	230lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C



Code	Lamp	Description
APAVLED/WL	LED	Cool White
Accessories ASBP/17	7.4V 1500mAh Replacement Li-ION Battery	

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Private Residence
Newton-le-Willows, UK

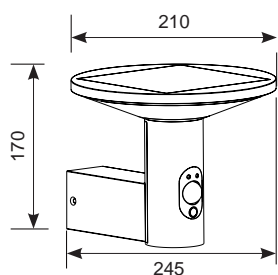
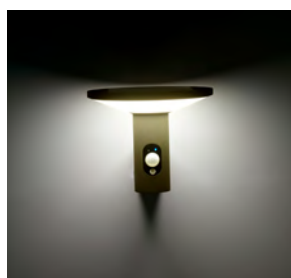
Talana Solar LED

Supplied c/w Integral Driver

- Ultra modern die-cast solar powered aluminium LED wall light
- PIR motion sensor as standard
- 2 operation modes:-
 - 1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
 - 2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan
L70 36,000 hours



281



LED Information

Lumens Delivered	210lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C



Code	Lamp	Description
ATASLED/WL	LED	Cool White

Accessories	ASBP/17	7.4V 1500mAh Replacement Li-ION Battery
-------------	---------	---

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Uno LED

Supplied c/w Integral Driver

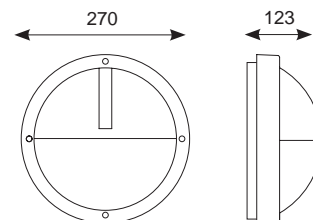


AUNLED/SG



AUNLED

- Die-cast aluminium construction with tamper-proof stainless steel allen key screws and opal polycarbonate diffuser
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	12W
Lumens Delivered	442lm
Lm/W	37lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description
AUNLED	LED	12W - Cool White - Black
AUNLED/SG	LED	12W - Cool White - Silver Grey



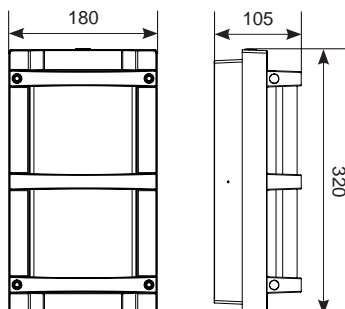
Tridon LED CCT

Supplied c/w Integral Driver



283

- Die-cast aluminium construction with opal polycarbonate diffuser
- Exceeds performance of 16W TC-DD
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation
- Rear fixing points allowing the option for BESA box mounting
- Horizontal side pilot holes accepting 20mm surface conduit entries
- Tamper-proof stainless steel allen key screws
- Microwave sensor and Photocell options available
- LED lifespan L70 60,000 hours
- Non-dimmable



ATRILED/B
Warm White



ATRILED/G
Cool White

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	701lm
Warm White	695lm
Lm/W	
Cool White	88lm
Warm White	87lm
CRI	Ra 80
CCT	3000K 4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ATRILED/B	LED	8W - Cool White/ Warm White - Black
ATRILED/G	LED	8W - Cool White/ Warm White - Graphite

Options	/PC	Electronic Photocell
	/MWS	Integral Microwave Sensor



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Lucca LED CCT

Supplied c/w Integral Driver



ALUCLED/B



ALUCLED/G



Integral switches for multi-wattage and selectable CCT options



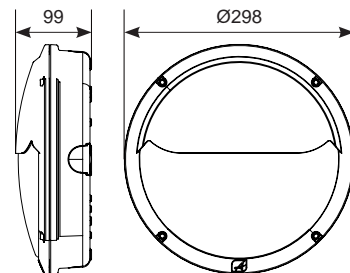
Powered by
TRIDONIC
enlightening your ideas



- Die-cast aluminium construction with tamper-proof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
- One product with integral switches for multi-wattage and selectable CCT options
- 18W exceeds performance of 38W TC-DD
- 27W exceeds performance of 2x26W PL-C
- LED lifespan L70 60,000 hours
- Non-dimmable



Removable 20mm conduit entry cover for ease of installation



LED Information

Total (Watts)	18W/27W	
Lumens Delivered	4000K	3000K
18W	1149lm	1091lm
27W	1622lm	1563lm
Lm/W 18W	64lm	61lm
Lm/W 27W	60lm	58lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-20°C to 25°C	

Code	Lamp	Description
ALUCLED/B	LED	18W/27W - Cool White/ Warm White - Black
ALUCLED/G	LED	18W/27W - Cool White/ Warm White - Graphite

Options	/PC	Electronic Photocell
	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	DALI Emergency
	/MWS	Integral Microwave Sensor



Nappa LED CCT

Supplied c/w Integral Driver

- Die-cast aluminium construction with tamper-proof stainless steel allen key screws to retain opal polycarbonate diffuser and frame
- One product with integral switches for multi-wattage and selectable CCT options
- 18W exceeds performance of 38W TC-DD
- 28W exceeds performance of 2x26W PL-C
- LED lifespan L70 60,000 hours
- Non-dimmable



285



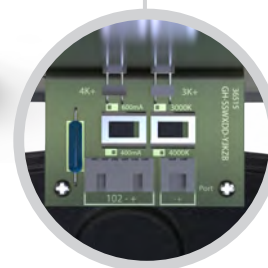
ANAPLED/B



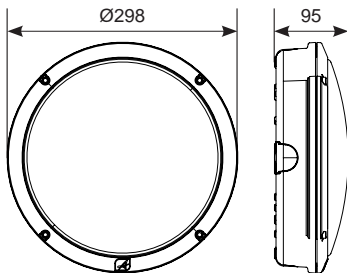
ANAPLED/G



Integral switches for multi-wattage and selectable CCT options



Removable 20mm conduit entry cover for ease of installation



LED Information

Total (Watts)	18W/27W	
Lumens Delivered	4000K	3000K
18W	2104lm	2012lm
27W	3065lm	2924lm
Lm/W 18W	117lm	112lm
Lm/W 27W	114lm	108lm
CRI	Ra 80	
CCT	4000K	3000K
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-20°C to 25°C	

Code	Lamp	Description
ANAPLED/B	LED	18W/27W - Cool White/ Warm White - Black
ANAPLED/G	LED	18W/27W - Cool White/ Warm White - Graphite

Options	/PC	Electronic Photocell
	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	DALI Emergency
	/MWS	Integral Microwave Sensor



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

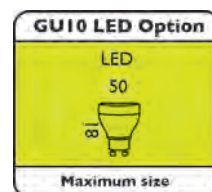
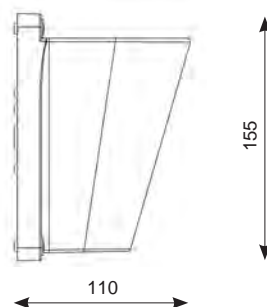
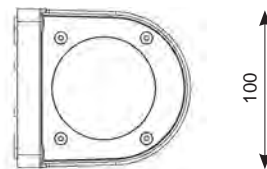


Dugas

Supplied Less Lamp



- Compact die-cast aluminium wall light
- Installation in either upward or downward orientation
- Luminaire design allows for installation of GU10 LED lamps
- Graphite textured paint finish

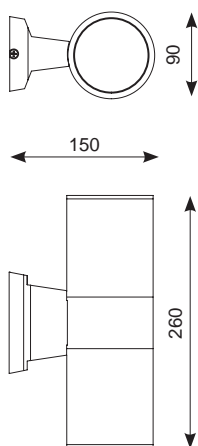


Code	Lamp	Description
ADU50	GU10	50W





- Bi-directional wall light with housing in die-cast aluminium with a textured paint finish
- Large diameter housing to provide heat dissipation



ADM50GU10

ADM50GU10/SG

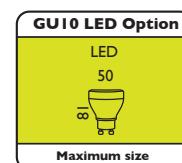
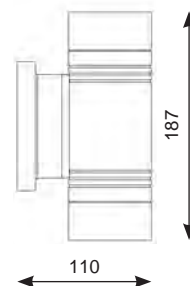
Code	Lamp	Description
ADM50GU10	GU10	2 x 50W - Black
ADM50GU10/SG	GU10	2 x 50W - Silver Grey

Tandem

Supplied Less Lamp



- Bi-directional wall light
- Ideal for GU10 LED or GU10 mains halogen options
- Aluminium construction with graphite textured paint finish



Code	Lamp	Description
ATA2X50	GU10	2 x 50W





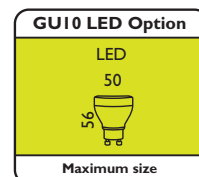
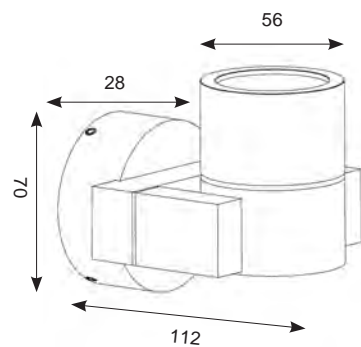
Project - Private Residence
Abersoch, UK

Riola

Supplied Less Lamp



- Modern wall light with adjustable 180° head in vertical plane
- For use in both internal and external applications
- Brushed aluminium finish
- Suitable for GU10 LED or GU10 Mains halogen

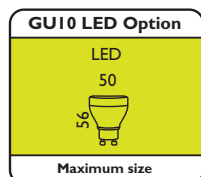
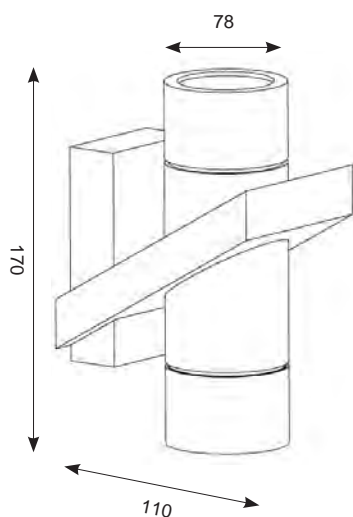


Code	Lamp	Description
ARGU10	GU10	35W





- Modern bi-directional wall light with brushed aluminium finish
- For use in both internal and external applications
- Suitable for GU10 LED or GU10 Mains halogen



Code	Lamp	Description
ACO2X35	GU10	2 x 35W

Reef LED CCT Bi-directional Wall Light

Supplied c/w Integral Driver



AREELEDWL
Cool White



AREELEDWL/PIR
Warm White



AREELEDWL
Daylight



Unique Click and Lock
Mounting Bracket



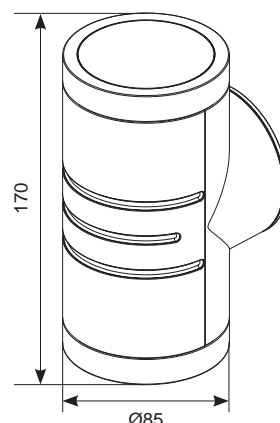
1 metres - 10 metres
5 seconds to 12 minutes
3 to 1000 LUX



1. Fix the detachable mounting plate to the wall and terminate the mains cable. Mount the housing onto the fixing place



2. Align the housing onto the mounting plate, twist into place and screw allen key to secure the fixture to the wall



LED Information

Total (Watts)	10W
Lumens Delivered	
Warm White	815lm
Cool White	885lm
Daylight	860lm
Lm/W	
Warm White	82lm
Cool White	89lm
Daylight	86lm
Beam Angle	90°
CRI	Ra 80
CCT	3000K 4000K 6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AREELEDWL	LED	10W - Warm White/Cool White/Daylight
AREELEDWL/PIR	LED	10W - Warm White/Cool White/Daylight - PIR



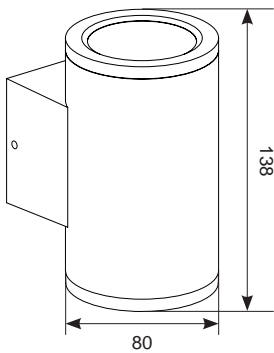
Antila LED

Supplied c/w Integral Driver



293

- Die-cast aluminium bi-directional LED wall light
- Die-cast aluminium construction with graphite paint finish
- 90° Beam Angle
- LED lifespan L70 30,000 hours
- Non-Dimmable



LED Information

Total (Watts)	12W
Lumens Delivered	406lm
Lm/W	37lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C



Code	Lamp	Description
ANTIALED	LED	12W - Cool White

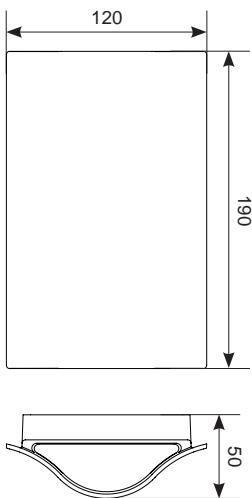
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750







- Bi-directional LED wall light
- Die-cast aluminium construction with graphite paint finish
- 105° Beam Angle
- LED lifespan
L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	12W
Lumens Delivered	491lm
Lm/W	41lm
Beam Angle	105°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C



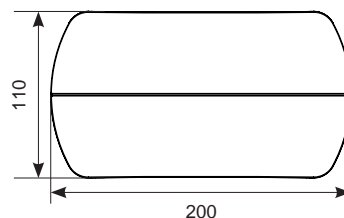
Code	Lamp	Description
AZATLED	LED	12W - Cool White

Segano LED

Supplied c/w Integral Driver



- Bi-directional LED wall light
- Die-cast aluminium construction with polycarbonate diffuser
- 90° Beam Angle
- LED lifespan L70 30,000 hours
- Non-dimmable



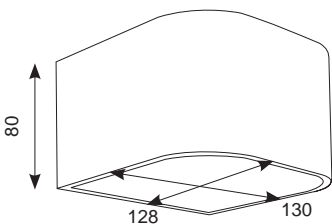
LED Information

Total (Watts)	13W
Lumens Delivered	610lm
Lm/W	47lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description
ASEGLED	LED	13W - Cool White



- Modern bi-directional wall light providing vivid angled light distribution
- Exceeds performance of 100W halogen
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

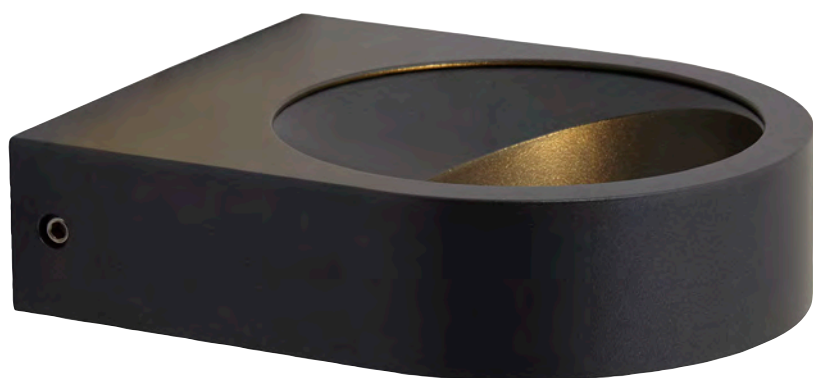
Total (Watts)	11W
Lumens Delivered	202lm
Lm/W	18lm
Beam Angle	117°
CRI	Ra 90
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



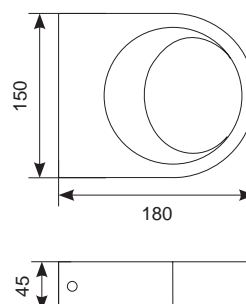
Code	Lamp	Description
AGLED/WL	LED	11W - Cool White

Brock LED Wall Light

Supplied c/w Integral Driver



- Modern bi-directional wall light providing vivid angled light distribution
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	7.7W
Lumens Delivered	
Cool White	452lm
Warm White	448lm
Lm/W	
Cool White	57lm
Warm White	56lm
Beam Angle	90°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ABRLED/WL/CW	LED	7.7W - Cool White
ABRLED/WL/WW	LED	7.7W - Warm White







Project - Private Residence
Chorley, UK

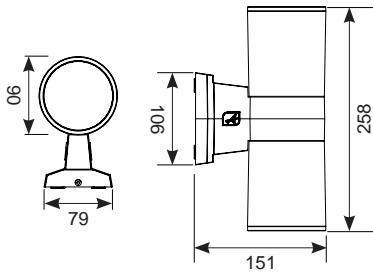
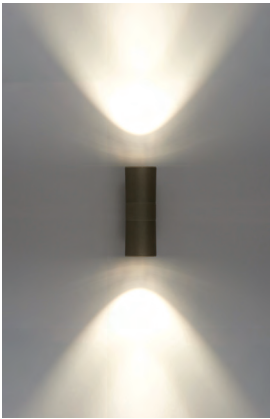
Duo Midi LED

Supplied c/w Integral Driver



301

- Bi-directional LED wall light
- 19W exceeds performance of 70W CDM-T
- 42W exceeds performance of 150W CDM-T
- Die-cast aluminium construction with graphite paint finish
- Powered by Philips
- 34° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	19W
	42W
Lumens Delivered	
19W	1752lm
42W	3582lm
Lm/W 19W	92lm
Lm/W 42W	85lm
Beam Angle	34°
CRI	Ra 80
CCT	4000K
Input	220V-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



ADMLED1/GR/CW

Code	Lamp	Description
ADMLED1/GR/CW	LED	19W - Cool White - Graphite
ADMLED2/GR/CW	LED	42W - Cool White - Graphite

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Bridgford Retail Park
Nottingham, UK

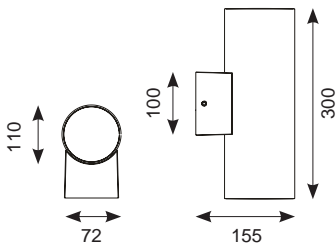
Doppio LED

Supplied c/w Integral Driver



303

- Powerful architectural bi-directional wall light
- Exceeds performance of 50W HQL
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	34W
Lumens Delivered	2 x 848lm
Lm/W	50lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



Code	Lamp	Description
ADOLEDWL	LED	34W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

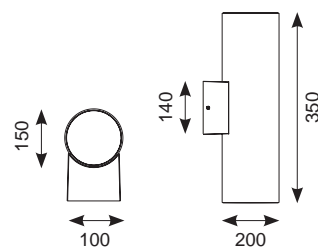


Doppio HP LED

Supplied c/w Integral Driver



- High performance architectural bi-directional wall light
- Exceeds performance of 150W Metal Halide
- Die-cast aluminium construction with graphite paint finish
- 20° beam angle
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	56W
Lumens Delivered	2x2573lm
Lm/W	91lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
ADOLEDWL/HP	LED	56W - Cool White





Project - Aintree University Hospital
Liverpool, UK

Alto LED

Supplied c/w Integral Driver

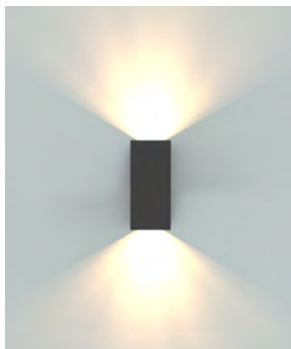
306



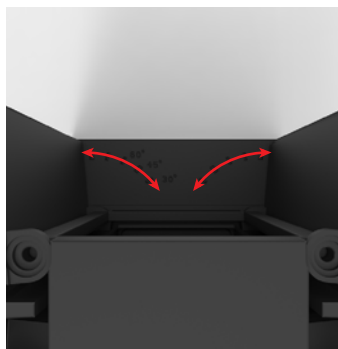
30° Beam Angle



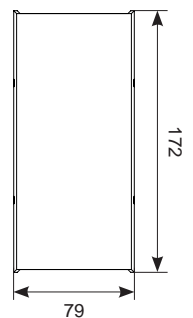
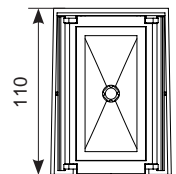
Full Open Beam Angle



Independent beam angle Adjustment



- Surface bi-directional die-cast wall light providing adjustable beam angle
- Independent beam angle adjustment between up and down distribution
- Minimum beam angle 0°, maximum beam angle 90°
- Die-cast aluminium body with graphite powder coated anodized paint finish for enhanced durability
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	6W
Lumens Delivered	205lm
Lm/W	34lm
Beam Angle	0° - 90°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 50°C

Code	Lamp	Description
ALTOLED	LED	6W - Cool White



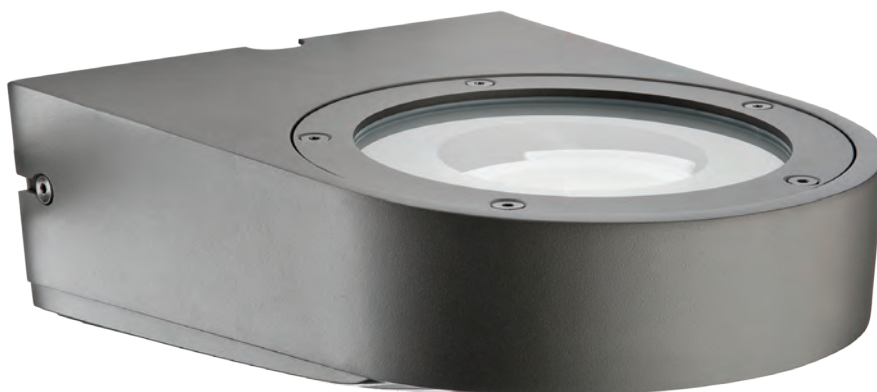
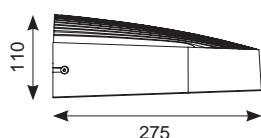
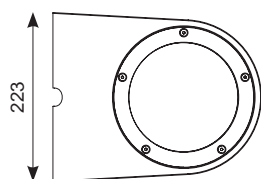
Aero LED

Supplied c/w Integral Driver



307

- Dual purpose design allows installation as either a canopy light or as an uplight
- Comparable performance to 20W HQL
- Aluminium housing is manufactured from high purity marine grade aluminium and treated with a six stage chrome plating treatment and dry polyester powder coating ensuring excellent corrosion resistance
- Screws manufactured from marine grade stainless steel
- LED lifespan L70 50,000 hours
- Tempered glass cover
- Non-dimmable



Top View

LED Information

Total (Watts)	12W
Lumens Delivered	900lm
Lm/W	75lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C



Code	Lamp	Description
AAROLED	LED	12W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

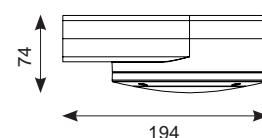
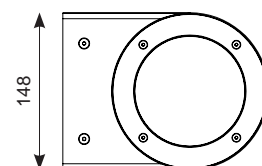


Beam AC LED

No Driver Required



- Compact and powerful die-cast aluminium wall light
- Dual purpose design allows installation as either a canopy downlight or as an uplight
- Exceeds performance of 70W HQI
- Integrated AC LED technology
- Allen key screws manufactured from marine grade stainless steel
- LED lifespan L70 70,000 hours
- Non-dimmable



LED Information

Total (Watts)	20W
Lumens Delivered	1624lm
Lm/W	81lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C

Code	Lamp	Description
ABEAMLED	LED	20W - Cool White





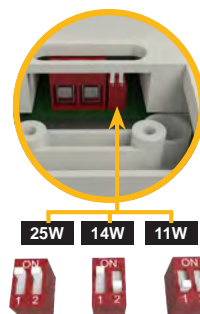
Project - The Kirkfield
Newton-le-Willows, UK

Eclipse MultiLED CCT

Supplied c/w Integral Driver



AECLD/CH/CCT



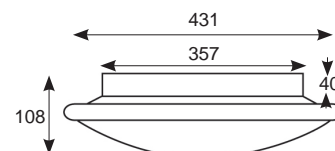
- LED wall/ceiling luminaire with adjustable power and light output option
- One product with integral driver dip-switch
- Internal CCT selector switch allows the installer to choose the CCT between 3000K, 4000K and 6500K
- Lumen package options allow retrofit of 28W, 38W or 55W CFL luminaires
- Flexibility of performance allows suitability for multiple applications
- Spun aluminium base with dished opal Visiluxe diffuser
- BESA box fixing versatile mounting options
- Option of White, Chrome or Satin Chrome housing
- LED lifespan L70 54,000 hours



AECLD/W/CCT



AECLD/SC/CCT



LED Information

Total (Watts) 11W/14W/25W			
Lumens Delivered	3000K	4000K	6500K
11W	1165lm	1193lm	1202lm
14W	1454lm	1493lm	1491lm
25W	2700lm	2846lm	2762lm
Lm/W 11W	106lm	108lm	109lm
Lm/W 14W	104lm	107lm	107lm
Lm/W 25W	108lm	114lm	110lm
CRI	Ra 80		
CCT	3000K 4000K 6500K		
Input	230V		
Hertz	50/60Hz		
Operating Temp	-10°C to 25°C		

Code	Lamp	Description
AECLD/W/CCT	LED	11W/14W/25W - White
AECLD/CH/CCT	LED	11W/14W/25W - Chrome
AECLD/SC/CCT	LED	11W/14W/25W - Satin Chrome

Options	/M3	Self-Test Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4 - 25W only)
	/MWS	Integral Microwave Sensor





Project - Mickle Hill Nursing Home
Pickering, UK

Mercury CCT LED

Supplied c/w Integral Driver



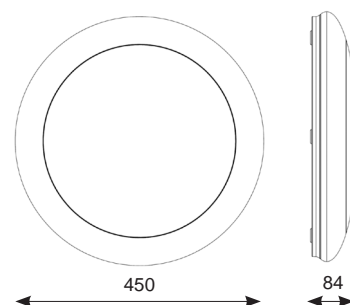
- IP44 polycarbonate wall/ceiling light for corridors, stairwells and general amenity applications
- High output option allows for a range of installation applications
- LED performance significantly exceeds CFL equivalents
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation (**19W only**)
- BESA box fixing facility
- Integral laminated board heatsink provides high performance thermal management
- Digital dimming, self-test emergency, DALI emergency and microwave sensor options
- Chrome bezel accessory
- LED lifespan L70 56,000 hours



Powered by
TRIDONIC
▼ enlightening your ideas



Chrome Trim Ring Fitted



Code	Lamp	Description
------	------	-------------

AMERLED/CCT	LED	19W - Matt White - Cool White/Warm White
--------------------	-----	--

AMERLED/HP	LED	33W - Matt White - Warm White Only
-------------------	-----	------------------------------------

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3)
	/MWS	Integral Microwave Sensor

Accessories	AMERLEDBZ/CH	Chrome Trim Ring
-------------	--------------	------------------

LED Information

Total (Watts)	19W 33W	
Lumens Delivered	4000K	3500K
19W	1655lm	1420lm
33W	N/A	2702lm
Lm/W 19W	87lm	71lm
Lm/W 33W	N/A	82lm
CRI	Ra 80	
CCT	4000K	3500K
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 40°C	



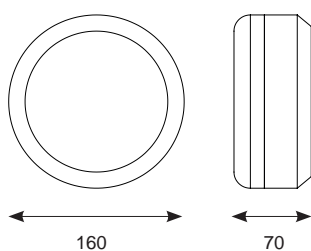
Beta LED

Supplied c/w Integral Driver

- Multi-purpose compact surface LED bulkhead
- IP44 rating and suitable for bathroom use
- All polycarbonate construction
- Comparable performance to 100W GLS and outperforms 16W CFL equivalents
- Instant light output and unlimited switching
- LED lifespan
L70 56,000 hours
- Non-dimmable



313



LED Information

Total (Watts)	5W
Lumens Delivered	436lm
Lm/W	87lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C



Code	Lamp	Description
ABELED/WV	LED	5W - Cool White - White Base, Opal Visiluxe Diffuser

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Gamma Mini LED

Supplied c/w Integral Driver



AMGAMLED

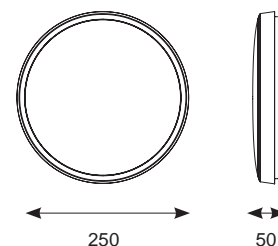


Chrome Trim Ring Fitted



Ultra slim profile

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Performance comparable to 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Code	Lamp	Description
AMGAMLED	LED	11W - Cool White
AMGAMLED/WW	LED	11W - Warm White

Options	/M3	Emergency
	/MWS	Internal Microwave Sensor

Accessories	AMGAMLEDBZ/CH	Chrome Trim Ring
--------------------	----------------------	------------------

LED Information

Total (Watts)	11W
Lumens Delivered	
Cool White	1031lm
Warm White	971lm
Lm/W Cool White	94lm
Lm/W Warm White	88lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C



Gamma Mini LED CCT

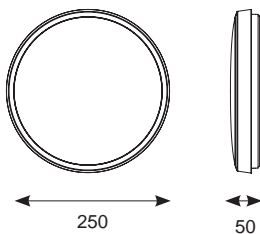
Supplied c/w Integral Driver



315



- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- CCT selectable between 3000K and 4000K
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 28W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



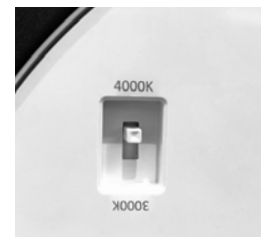
AMGAMLED/CCT



Chrome Trim Ring Fitted



Ultra slim profile



Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	10W
Lumens Delivered	
Cool White	1148lm
Warm White	1053lm
Lm/W Cool White	115lm
Lm/W Warm White	105lm
CRI	Ra 80
CCT	4000K 3000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-5°C to 35°C



Code	Lamp	Description
AMGAMLED/CCT	LED	10W - Cool White/Warm White
Options	/M3	Emergency
	/MWS	Internal Microwave Sensor
Accessories	AMGAMLEDBZ/CH	Chrome Trim Ring

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Gamma LED

Supplied c/w Integral Driver



AGAMLED

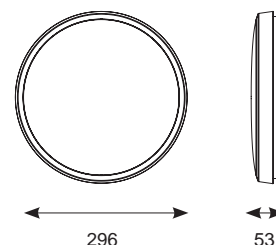


Chrome Trim Ring Fitted



Ultra slim profile

- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- Rear fixing bracket and terminal housing for ease of installation
- Outperforms 38W CFL with opal diffuser by 25% and prismatic diffuser by 52%
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Code	Lamp	Description
AGAMLED	LED	18W - Cool White
AGAMLED/WW	LED	18W - Warm White

Options	/M3	Emergency
	/MWS	Internal Microwave Sensor

Accessories	AGAMLEDBZ/CH	Chrome Trim Ring
--------------------	---------------------	------------------

LED Information

Total (Watts)	18W
Lumens Delivered	
Cool White	1675lm
Warm White	1551lm
Lm/W Cool White	93lm
Lm/W Warm White	86lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	-5°C to 35°C



Gamma LED CCT

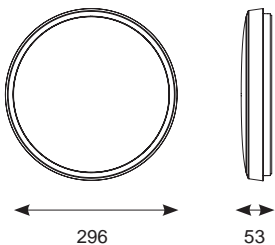
Supplied c/w Integral Driver



317



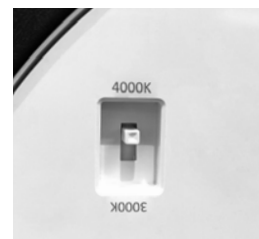
- Ultra slim modern polycarbonate wall/ceiling light
- Matt white finish to body and diffuser
- CCT selectable between 3000K and 4000K
- Rear fixing bracket and terminal housing for ease of installation
- Exceeds performance of 38W TC-DD
- IP54 rating and suitable for bathroom use
- Microwave sensor set to 15 minutes (non-adjustable)
- /MWS and /MWS/M3 versions Masters as standard
- /MWS and MWS/M3 has integral photocell isolation switch
- LED lifespan L70 54,000 hours
- Non-dimmable



Chrome Trim Ring Fitted



Ultra slim profile



Selectable CCT switch between 3000K and 4000K

LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1847lm
Warm White	1681lm
Lm/W Cool White	106lm
Lm/W Warm White	96lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-5°C to 35°C

Code	Lamp	Description
AGAMLED/CCT	LED	17W - Cool White / Warm White
Options	/M3	Emergency
	/MWS	Internal Microwave Sensor
Accessories	AGAMLEDBZ/CH	Chrome Trim Ring



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Jazz LED

Supplied c/w Integral Driver



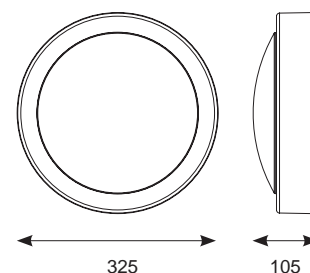
IP65

AJALED



Chrome Trim Ring Fitted

- Contemporary all polycarbonate fixture for wall/ceiling mounting
- LED performance exceeds CFL equivalents
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Optional chrome trim ring
- LED lifespan L70 56,000 hours



Code	Lamp	Description
AJALED	LED	14W - Cool White

Options		
/M3	Emergency	
/MWS	Internal Microwave Sensor	
/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION	

Accessories		
AJALEDDBZ/CH	Chrome Trim Ring	

LED Information

Total (Watts)	14W
Lumens Delivered	993lm
Lm/W	66lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 25°C



Disco Slim LED CCT

Supplied c/w Integral Driver

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- 7W exceeds performance of 16W TC-DD
- 13W exceeds performance of 38W TC-DD
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K at the point of installation
- Two options of microwave sensor emergency
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours

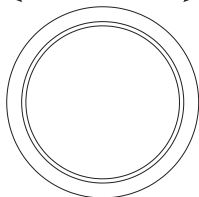
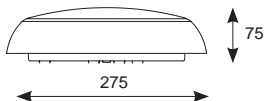


319

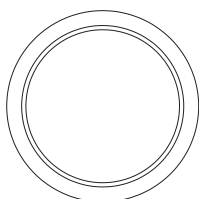
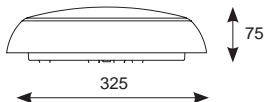


ADSILED1/CCT

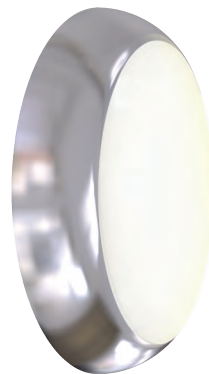
IP65



ADSILED1/CCT



ADSILED2/CCT



fitted with chrome trim ring



fitted with graphite trim ring

LED Information

	Cool White	Warm White
Total (Watts)	8W	13W
Lumens Delivered	643lm	575lm
	1083lm	1027lm
Lm/W	92lm	82lm
	83lm	79lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description
ADSILED1/CCT	LED	8W - Cool White/Warm White
ADSILED2/CCT	LED	13W - Cool White/Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)

Accessories	ADSILED1BZ/CH	Chrome Trim Ring (8W)
	ADSILED1BZ/GR	Graphite Trim Ring (8W)
	ADSILED2BZ/CH	Chrome Trim Ring (13W)
	ADSILED2BZ/GR	Graphite Trim Ring (13W)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Disco Slim LED

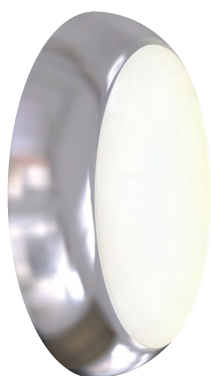
Supplied c/w Integral Driver

320



ADSILED1

IP65

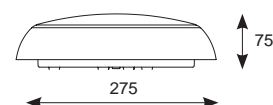


fitted with chrome trim ring

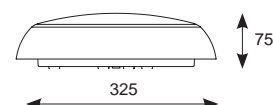


fitted with graphite trim ring

- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- 8W exceeds performance of 16W TC-DD
- 13W exceeds performance of 38W CFL
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



ADSILED1



ADSILED2

Code	Lamp	Description
ADSILED1	LED	8W - Cool White
ADSILED1/WW	LED	8W - Warm White

ADSILED2	LED	13W - Cool White
ADSILED2/WW	LED	13W - Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)

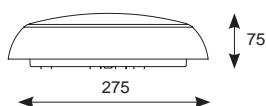
Accessories	ADSILED/1BZ/CH	Chrome Trim Ring (8W)
	ADSILED/1BZ/GR	Graphite Trim Ring (8W)
	ADSILED/2BZ/CH	Chrome Trim Ring (13W)
	ADSILED/2BZ/GR	Graphite Trim Ring (13W)

LED Information

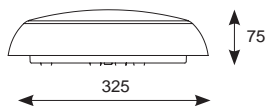
	Cool White	Warm White
Total (Watts)	8W	13W
Lumens Delivered	584lm 1021lm	547lm 979lm
Lm/W	73lm 79lm	68lm 75lm
CRI	Ra 80	
CCT	4000K 3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	



- Slim modern design with all polycarbonate construction with opal diffuser and white trim ring
- Unique design creates halo light spill effect
- 8W exceeds performance of 28W TC-DD
- 13W comparable performance to 40W TC-DD
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



ADSIHLED1



ADSIHLED2

LED Information

Cool White Warm White

Total (Watts)	8W 13W	
Lumens Delivered	687lm 1198lm	605lm 1064lm
Lm/W	86lm 92lm	87lm 82lm
CRI	Ra 80	
CCT	4000K 3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Disco Slim Halo LED

Supplied c/w Integral Driver



321

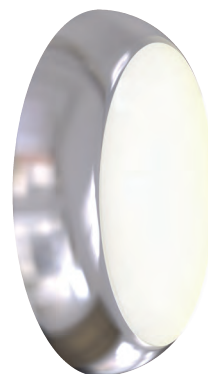


ADSIHLED1

IP65



Halo light spill effect



fitted with chrome trim ring



fitted with graphite trim ring

Code	Lamp	Description
ADSIHLED1	LED	8W - Cool White
ADSIHLED1/WW	LED	8W - Warm White

ADSIHLED2	LED	13W - Cool White
ADSIHLED2/WW	LED	13W - Warm White

Options	/M3	Emergency (13W only)
	/MWS	Integral Microwave Sensor (13W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (13W only)

Accessories	ADSILED1BZ/CH	Chrome Trim Ring (8W)
	ADSILED1BZ/GR	Graphite Trim Ring (8W)
	ADSILED2BZ/CH	Chrome Trim Ring (13W)
	ADSILED2BZ/GR	Graphite Trim Ring (13W)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Disco LED

Supplied c/w Integral Driver



ADILED1

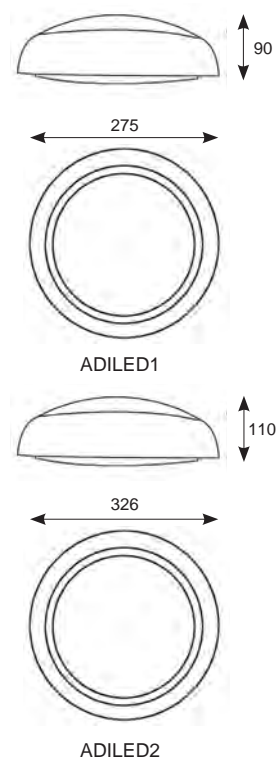
IP65



ADILED2

IP65

- All polycarbonate construction with opal diffuser and white trim ring
- LED performance exceeds CFL equivalents
- Two options of microwave sensor emergency
- /MWS/M3/CF provides CorridorFUNCTION with Tridonic control gear
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



Code	Lamp	Description
ADILED1	LED	8W - Cool White
ADILED2	LED	14W - Cool White

Options	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)
	/MWS/M3/CF	Integral Microwave Sensor and Emergency CorridorFUNCTION (14W only)

Accessories	ADI28BZ/BR	Brass Trim Ring (14W)
	ADI28BZ/CH	Chrome Trim Ring (14W)
	ADI28BZ/SG	Silver Grey Trim Ring (14W)

LED Information

Total (Watts)	8W
	14W
Lumens Delivered	539lm
	860lm
Lm/W	67lm
	61lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 25°C





Astro LED CCT

Supplied c/w Integral Driver and Trim Accessory



AALED1/BV/CCT
(Fitted with Trim Attachment)

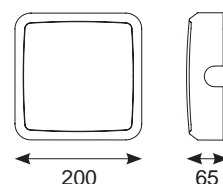


AALED1/WV/CCT

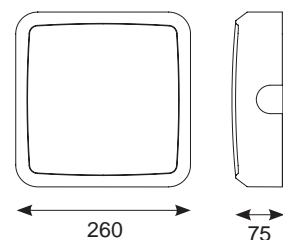


AALED2/WV/CCT
(Fitted with Trim Attachment)

- All polycarbonate multi-purpose LED square bulkhead
- LED performance exceeds CFL equivalents
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



AALED1/CCT



AALED2/CCT

LED Information

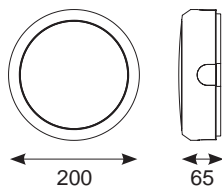
Total (Watts)	7W / 14W	
Lumens Delivered	4000K	3000K
7W	655lm	606lm
14W	1269lm	1170lm
Lm/W 7W	94lm	87lm
Lm/W 14W	91lm	84lm
CRI	Ra 80	
CCT	4000K	3000K
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	

Code	Lamp	Description
AALED1/BV/CCT	LED	7W - Cool White/Warm White - Black Base, Visiluxe Cover
AALED1/WV/CCT	LED	7W - Cool White/Warm White - White Base, Visiluxe Cover
AALED2/BV/CCT	LED	14W - Cool White/Warm White - Black Base, Visiluxe Cover
AALED2/WV/CCT	LED	14W - Cool White/Warm White - White Base, Visiluxe Cover

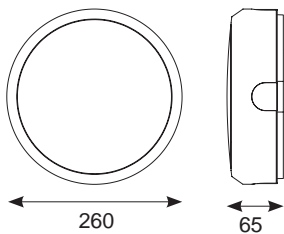
Options	/PC	Electronic Photocell
	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)



- All polycarbonate multi-purpose LED round bulkhead
- LED performance exceeds CFL equivalents
- Push fit feed-in, feed-out terminals for speed and ease of installation
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied c/w optional trim attachment which provides a more commercially aesthetic appearance
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours



ADLED1/CCT



ADLED2/CCT

LED Information

Total (Watts)	6W / 14W	
Lumens Delivered	4000K	3000K
6W	670lm	628lm
14W	1271lm	1190lm
Lm/W 6W	112lm	105lm
Lm/W 14W	91lm	85lm
CRI	Ra 80	
CCT	4000K	3000K
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 25°C	



ADLED1/BV/CCT



ADLED1/WV/CCT
(Fitted with Trim Attachment)



ADLED2/BV/CCT
(Fitted with Louvred Bezel Trim)

Code	Lamp	Description
ADLED1/BV/CCT	LED	6W - Cool White/Warm White - Black Base, Visiluxe Cover
ADLED1/WV/CCT	LED	6W - Cool White/Warm White - White Base, Visiluxe Cover

ADLED2/BV/CCT	LED	14W - Cool White/Warm White - Black Base, Visiluxe Cover
ADLED2/WV/CCT	LED	14W - Cool White/Warm White - White Base, Visiluxe Cover

Options	/PC	Electronic Photocell
	/M3	Emergency (14W only)
	/MWS	Integral Microwave Sensor (14W only)

Accessories	ADLED2/BZ/EYE/B	Black Eyelid Bezel Trim (14W Only)
	ADLED2/BZ/EYE/W	White Eyelid Bezel Trim (14W Only)
	ADLED2/BZ/GRILL/B	Black Louvred Bezel Trim (14W Only)
	ADLED2/BZ/GRILL/W	White Louvred Bezel Trim (14W Only)

Delta LED CCT

Supplied c/w Integral Driver and Trim Accessory



325



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Willows Veterinary Hospital
Northwich, UK

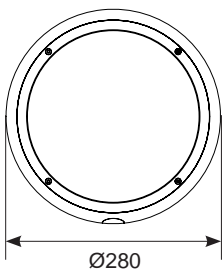
Mini Vision 3 LED

Supplied c/w Integral Driver and 3 Trim Designs



327

- IP65 polycarbonate LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- Exceeds performance of 28W TC-DD
- LED lifespan L70 36,000 hours
- Non-dimmable



AVIMLED/GR



AVIMLED/SG - Fitted with Louvred Eyelid



AVIMLED/W - Fitted with Plain Eyelid

LED Information

Total (Watts)	9W
Lumens Delivered	797lm
Lm/W	89lm*
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 50°C

* Please note that Lm/W rating reduces for eyelid versions



	Code	Lamp	Description
Standard	AVIMLED/GR	LED	9W - Graphite
	AVIMLED/SG	LED	9W - Silver Grey
	AVIMLED/W	LED	9W - White

Option	/PC	Electronic Photocell
--------	-----	----------------------

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Vision 3 CCT LED

Supplied c/w Integral Driver and 3 Trim Designs



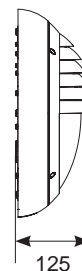
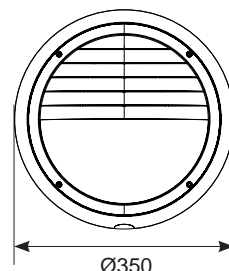
Fitted with Plain Eyelid

Powered by
TRIDONIC
▼ enlightening your ideas



Fitted with Louvred Eyelid

- IP65 CCT polycarbonate 3-In-1 LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- CCT selectable between 3000K and 4000K
- Exceeds performance of 38W TC-DD
- LED lifespan L70 56,000 hours



LED Information

Total (Watts)	17W
Lumens Delivered	
Cool White	1420lm
Warm White	1324lm
Lm/W Cool White	84lm*
Lm/W Warm White	83lm*
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

* Please note that Lm/W rating reduces for eyelid versions



	Code	Lamp	Description
Standard	AVILED/CCT/GR	LED	17W - Graphite - Cool White/Warm White
	AVILED/CCT/SG	LED	17W - Silver Grey - Cool White/Warm White
	AVILED/CCT/W	LED	17W - White - Cool White/Warm White

Options	/PC	Electronic Photocell
	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

Vision 3 HP LED

Supplied c/w Integral Driver and 3 Trim Designs

- IP65 polycarbonate 3-In-1 LED luminaire for external applications
- Each fitting supplied with plain, louvred eyelid and plain eyelid covers
- Exceeds performance of CFL equivalents
- Four conduit entry points
- Integral die-cast aluminium heatsink provides thermally managed high performance
- 31W LED lifespan L70 36,000 hours



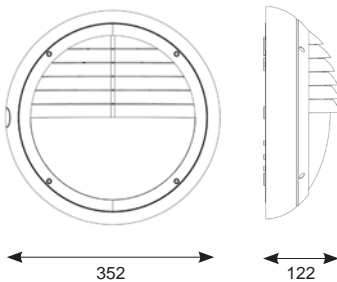
329



Removable conduit entry cap for ease of installation



Powered by
TRIDONIC
▼ enlightening your ideas



Fitted with Solid Eyelid



Fitted with Louvred Eyelid

LED Information

Total (Watts)	31W
Lumens Delivered	
31W	2426lm
Lm/W 31W	78lm*
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 50°C

* Please note that Lm/W rating reduces for eyelid versions



Code	Lamp	Description
AVILED/HP/GR	LED	31W - Graphite - Cool White
AVILED/HP/SG	LED	31W - Silver Grey - Cool White
AVILED/HP/W	LED	31W - White - Cool White

Options	/PC	Electronic Photocell
	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Helder LED Circular Bulkhead

Supplied c/w Integral Driver

330



AHELED/CB



AHELED/CW/PIR



AHELED/EB



Adjustable PIR allows control over the time delay and LUX setting.



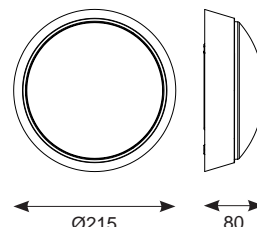
Adjustable time
between 10 seconds
to 5 minute



Adjustable LUX
between
10 - 2000 LUX



Max 10 metres
10 seconds to 5 minutes
10 - 2000 LUX



LED Information

Total (Watts)	14W
Lumens Delivered	
Standard	972lm
Eyelid	529lm
PIR	1011lm
Lm/W	
Standard	70lm
Eyelid	38lm
PIR	72lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

	Code	Lamp	Description
Standard	AHELED/CB	LED	14W - Black - Cool White
	AHELED/CW	LED	14W - White - Cool White
PIR	AHELED/CB/PIR	LED	14W - Black - Cool White - PIR
	AHELED/CW/PIR	LED	14W - White - Cool White - PIR
Standard Eyelid	AHELED/EB	LED	14W - Black - Cool White
	AHELED/EW	LED	14W - White - Cool White
PIR Eyelid	AHELED/EB/PIR	LED	14W - Black - Cool White - PIR
	AHELED/EW/PIR	LED	14W - White - Cool White - PIR



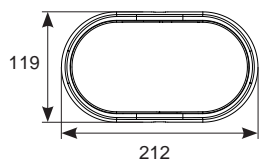
Helder LED Oval Bulkhead

Supplied c/w Integral Driver

- All polycarbonate oval bulkhead for external applications
- fast loop-in / loop-out connections
- Comparable performance to 28W TC-DD
- Body options of black or white
- Polycarbonate opal diffuser
- LED lifespan L70 25,000 hours
- Non-dimmable



Max 10 metres
10 seconds to 5 minutes
10 - 2000 LUX



LED Information

Total (Watts)	14W
Lumens Delivered	
Standard	887lm
PIR	925lm
Lm/W	
Standard	63lm
PIR	66lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



331



AHELED/OW/PIR



AHELED/O/B

	Code	Lamp	Description
Standard	AHELED/OB	LED	14W - Black - Cool White - Oval
	AHELED/OW	LED	14W - White - Cool White - Oval
PIR	AHELED/OB/PIR	LED	14W - Black - Cool White - PIR - Oval
	AHELED/OW/PIR	LED	14W - White - Cool White - PIR - Oval

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Sorrento 2 LED CCT

Supplied c/w Integral Driver, Plain Cover and Eyelid Cover

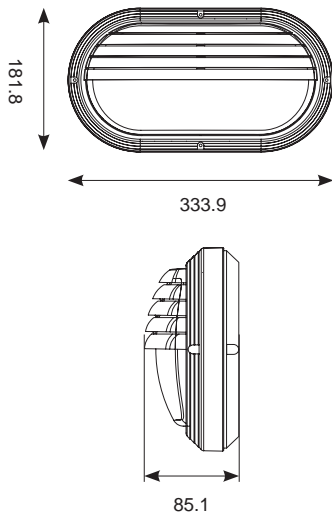


333

- Shallow depth IP65 polycarbonate 2-In-1 LED bulkhead for external applications
- Internal CCT selector switch allows the installer to choose the CCT between 3000K and 4000K
- Supplied with both plain and louvred eyelid covers
- Exceeds performance of 18W PLC
- LED lifespan L70 56,000 hours
- Non-dimmable



ASR2LED/W/CCT
(Plain Cover)



ASR2LED/B/CCT
(Plain Cover)



ASR2LED/B/CCT
(Louvred Eyelid Cover)



ASR2LED/W/CCT
(Louvred Eyelid Cover)

LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	721lm
Warm White	662lm
Lm/W	
Cool White	90lm
Warm White	83lm
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-0°C to 25°C



Code	Lamp	Description
ASR2LED/B/CCT	LED	8W - Cool White/Warm White - Black
ASR2LED/W/CCT	LED	8W - Cool White/Warm White - White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

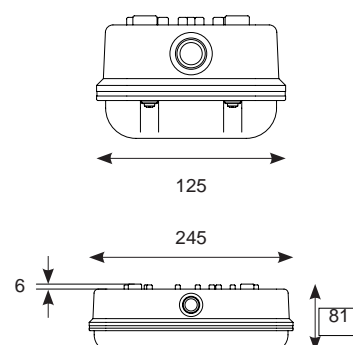


Sleek LED Polycarbonate Bulkhead

Supplied c/w Integral Driver



- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Instant light output and unlimited switching
- LED lifespan L70 56,000 hours
- Non-dimmable



Code	Lamp	Description
ASBLED	LED	6W - Cool White

Options		
/PC	Electronic Photocell	
/MWS	Integral Microwave Sensor	

LED Information

Total (Watts)	6W
Lumens Delivered	440lm
Lm/W	73lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C



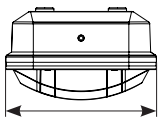
Sleek LED 110V Polycarbonate Bulkhead

Supplied c/w Integral Driver

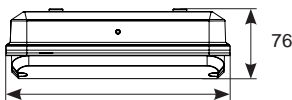


335

- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Suitable for all types of site lighting
- Instant light output and unlimited switching
- Red diffuser accessory available for applications that require warning indication luminaires
- LED lifespan L70 56,000 hours
- Non-dimmable



124



244



Sleek 110V fitted with Red polycarbonate Lens accessory

LED Information

Total (Watts)	5W
Lumens Delivered	424lm
Lm/W	85lm
CRI	Ra 80
CCT	4000K
Input	110V
Hertz	50Hz
Operating Temp	-10°C to 40°C



Code	Lamp	Description
ASBLED/110V	LED	5W - Yellow Base

Options	/PC	Electronic Photocell
	/MWS	Integral Microwave Sensor

Accessory	ASBLED/DIFF/RED	Red Polycarbonate Lens
-----------	-----------------	------------------------



E27 Aluminium Bulkhead

Supplied Less Lamp

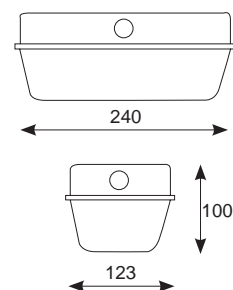


A100PC



A100GC

- Aluminium alloy body to prevent corrosion
- Option of vandal resistant polycarbonate or glass lens



Code	Lamp	Description
A100PC	E27	100W - Polycarbonate Lens
A100GC	E27	100W - Glass Lens

Options /PC Electronic Photocell

E27 Options			
100 W	23W	20W	
	53	53	
	130	130	
Maximum size and wattage			



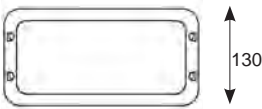
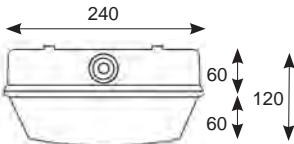
E27 Polycarbonate Bulkhead

Supplied Less Lamp



337

- Vandal resistant all polycarbonate construction



E27 Options		
100 W	23W 53	20W 53
Maximum size and wattage		



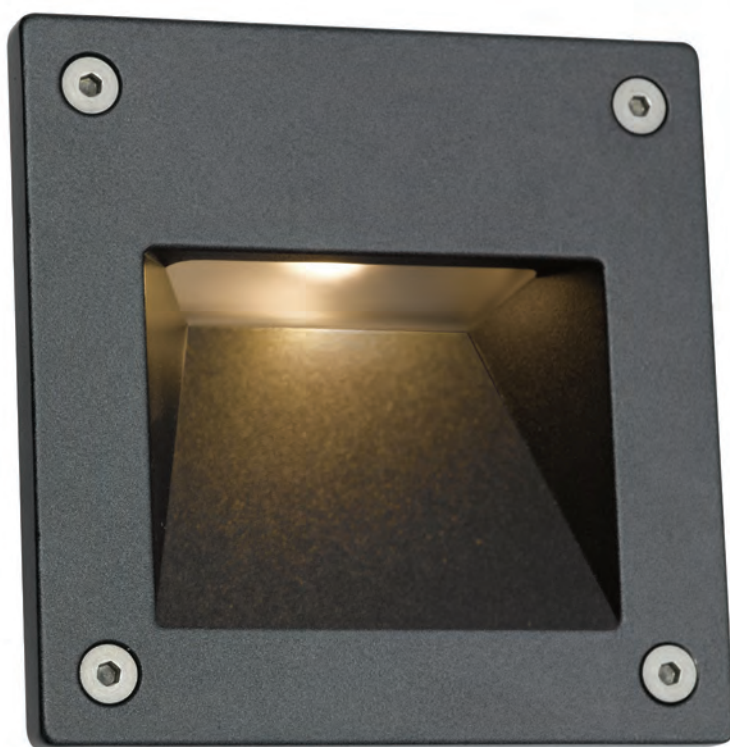
Code	Lamp	Description
A100POLY	E27	100W - Black Base
Options	/PC	Electronic Photocell

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

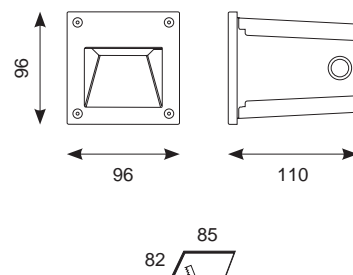


Camini LED

Supplied c/w Integral Driver



- Compact low level square LED pathway light with downward light spill
- Die-cast aluminium construction with graphite paint finish
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	3W
Lumens Delivered	79lm
Lm/W	22lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ACSQLEDWL	LED	3W - Cool White



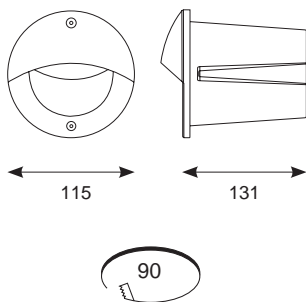
Parona LED

Supplied c/w Integral Driver



339

- Compact low level circular LED pathway light with downward light spill
- Die-cast aluminium construction with graphite paint finish
- Supplied c/w plastic installation box and pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	3W
Lumens Delivered	178lm
Lm/W	45lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Code	Lamp	Description
APCLEDWL	LED	3W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

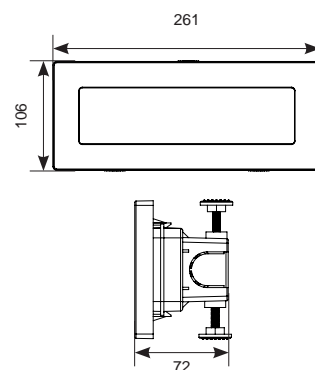


Mattone LED Uni-Bricklight CCT

Supplied c/w Integral Driver



- Universal polycarbonate LED bricklight
- Unique adjustable feet allows for installation into multiple brick apertures
- Polycarbonate contruction ideal for coastal applications
- Push fit loop-in loop-out terminals for ease of installation
- Pre-wired with 600mm of rubber insulated cable
- Supplied c/w installation housing for additional protection and ease of installation
- CCT selectable between 3000K and 4000K
- Non-dimmable

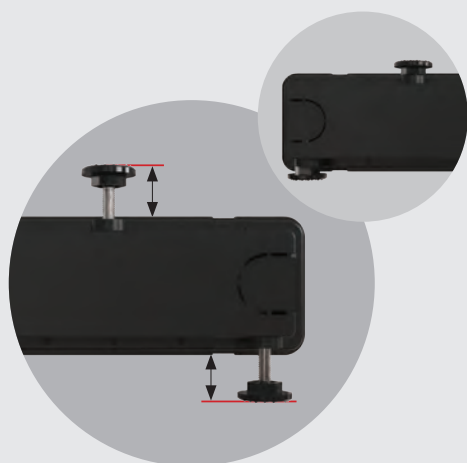
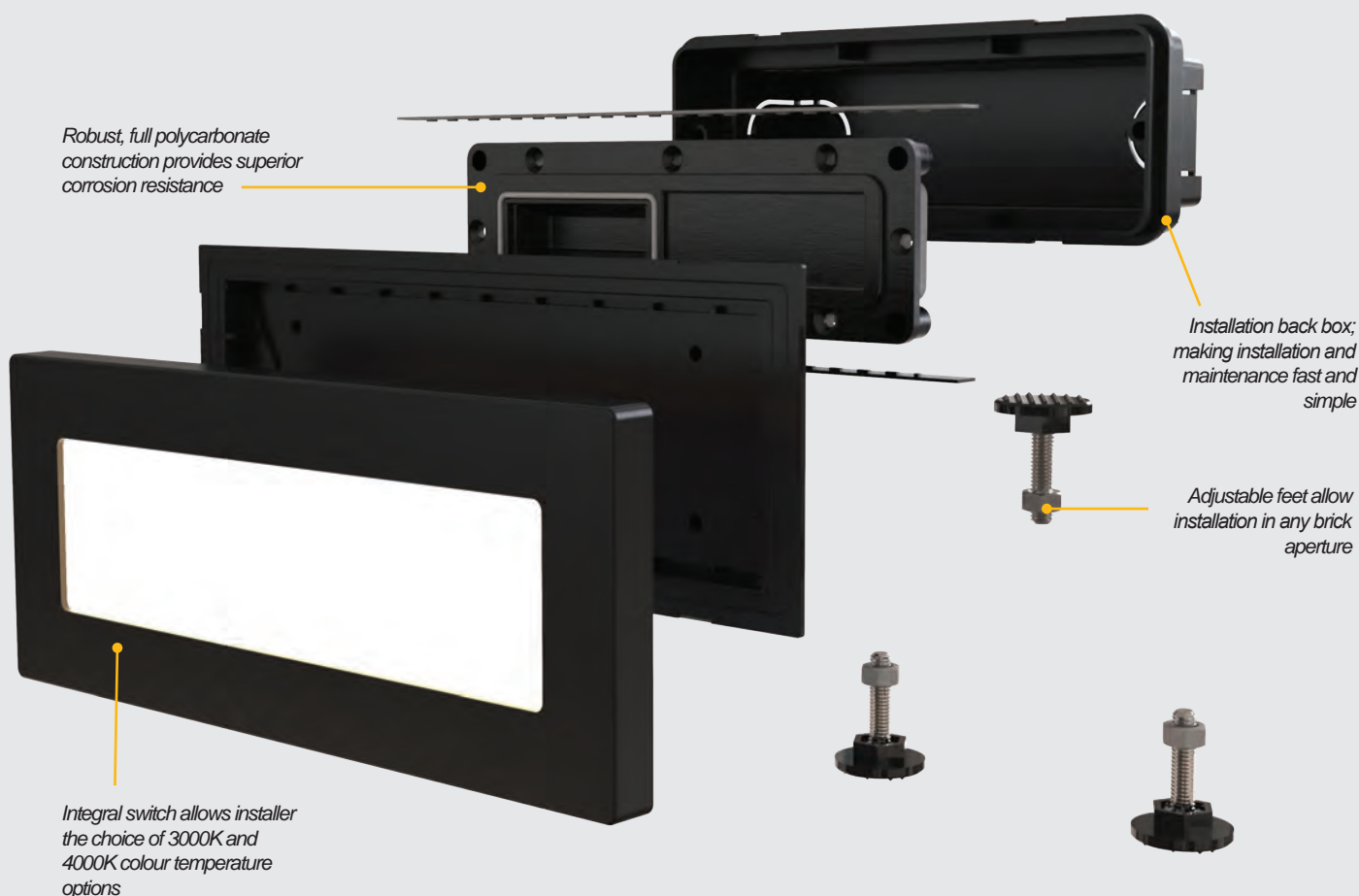


LED Information

Total (Watts)	2W
Lumens Delivered	
Cool White	101lm
Warm White	85lm
Lm/W	
Cool White	51lm
Warm White	43lm
Beam Angle	105°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description
AMATBLED	LED	2W - Cool White/Warm White





Adjustable Feet Design

The unique adjustable feet design allows installation into a range of brick apertures, ranging from 115mm in height to 85mm, ensuring suitability and a precise fit for many brick apertures. The feet allow the product to maintain a fixed position during installation, ensuring it is fast and simple.



Plug and Play Design

The plug and play design allows the front plate to be temporarily disconnected during installation, allowing the installer easier access to adjust the feet and fix the housing in position before cementing into the wall construction. The installer will simply re-connect the front plate to the housing using the plug and play connector.



Project - Private Residential
Liverpool, UK

Libretto LED Bricklight

Supplied c/w Integral Driver



343

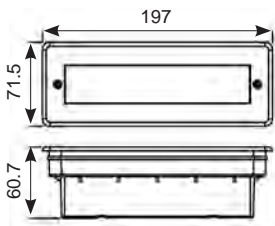
- Stainless steel front cover with clear polycarbonate front lens and recessed housing
- Integral driver with loop-in, loop-out connections
- LED lifespan L70 40,000 hours
- Non-dimmable



ALIBLED/BLU



ALIBLED/WHI



LED Information

Total (Watts)	2W
Lumens Delivered	
Daylight	126lm
Blue	48lm
Lm/W	63lm
Lm/W Blue	24lm
CRI	Ra 65
CCT	6000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 25°C



Code	Lamp	Description
ALIBLED/WHI	LED	2W - Daylight
ALIBLED/BLU	LED	2W - Blue

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

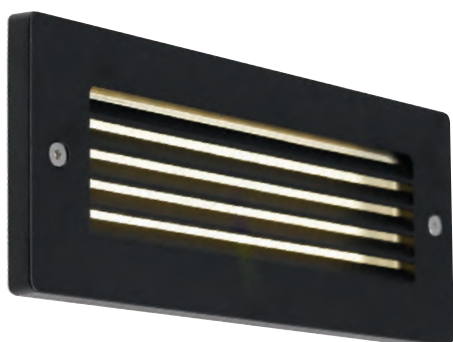


Fidenza LED Bricklight

Supplied c/w Integral Driver



AFBLED

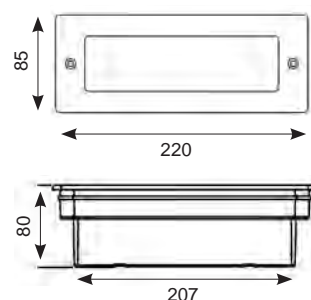


AFBL/GRILL Cover Fitted



AFBL/EYE Cover Fitted

- Die-cast aluminium housing and front cover
- Toughened front frosted glass
- Metal back box with cable entries for ease of installation
- Optional grill and hood front covers
- LED lifespan L70 50,000 hours
- Non-dimmable



LED Information

Total (Watts)	2.2W
Lumens Delivered	145lm
Lm/W	66lm
CRI	Ra 65
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AFBLED	LED	2.2W - Cool White

Accessories AFBL/GRILL	Front Grill Cover
AFBL/EYE	Front Eyelid Cover





Project - Private Residential
Warrington, UK

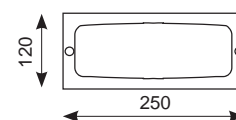
LED Inox Stainless Steel Bricklight

Supplied c/w Integral Driver

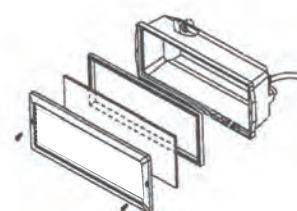
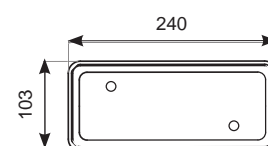
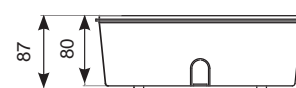


Stainless Steel **AISI 316L**

- Die-cast aluminium bricklight with AISI316L stainless steel front cover
- Comparable performance to 18W PLC
- Tempered and frosted 4mm glass diffuser
- Supplied c/w polyethelyne back box for recessing
- LED lifespan L70 50,000 hours
- Non-dimmable



Box Dimensions



LED Information

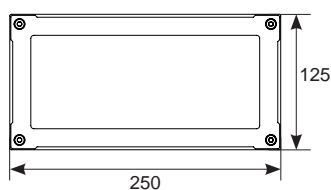
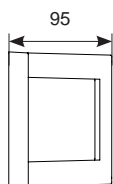
Total (Watts)	12W
Lumens Delivered	270lm
Lm/W	23lm
CRI	Ra 70
CCT	3000K
Input	230V
Hertz	50Hz
Operating Temp	-25°C to 35°C

Code	Lamp	Description
ABLFLED/SS	LED	12W - Warm White





- Modern low level surface brick light/wall light
- General illumination ideal for pathway/walkway illumination
- Die-cast aluminium housing graphite powder coated anodized finish
- Tempered frosted glass
- LED lifespan L70 30,000 hours
- Non-dimmable



Wall Mounted



Low Level Mounted

LED Information

Total (Watts)	7W
Lumens Delivered	302lm
Lm/W	43lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 50°C



Code	Lamp	Description
AVOLEDSWL	LED	7W - Cool White



Project - Private Residential
Congleton, UK

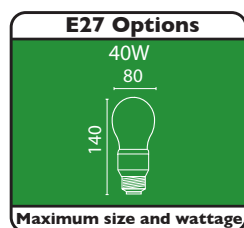
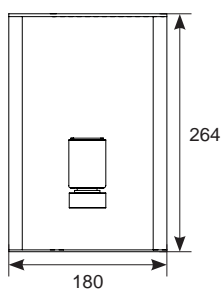
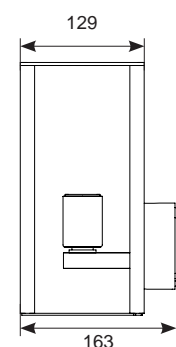
Calore E27

Supplied Less Lamp



349

- Ultra modern exterior wall light
- Die-cast frame with tempered glass enclosure
- Textured powder coated anthracite finish
- Ideal for use with LED Filament lamps



Code	Lamp	Description
ACAL/E27	E27	40W - Sandy Anthracite

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Latina LED Half Lantern

Supplied c/w Integral Driver

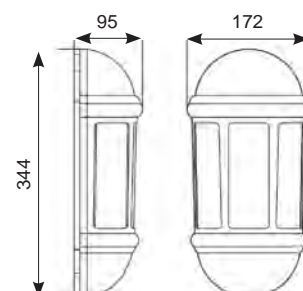


ALHLLD/BL



ALHLLD/PIR/W

- Contemporary IP65 half lantern and resistant to corrosion
- Textured polycarbonate finish and tinted lens
- LED light bar for uniform light output
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance
- LED lifespan L70 56,000 hours
- Non-dimmable



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off

LED Information

Total (Watts)	8W
Lumens Delivered	400lm
Lm/W	53lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

	Code	Lamp	Description
Standard	ALHLLD/BL	LED	8W - Warm White - Black
	ALHLLD/WH	LED	8W - Warm White - White
Photocell	ALHLLD/PC/BL	LED	8W Photocell - Warm White - Black
	ALHLLD/PC/WH	LED	8W Photocell - Warm White - White
PIR	ALHLLD/PIR/BL	LED	8W PIR - Warm White - Black
	ALHLLD/PIR/WH	LED	8W PIR - Warm White - White



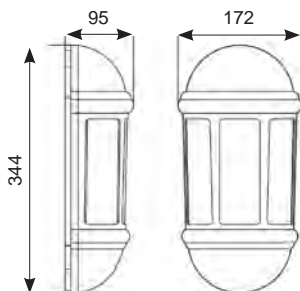
Latina Polycarbonate Half Lantern

Supplied Less Lamp

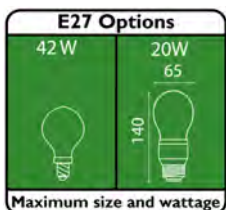


351

- Contemporary IP65 half lantern and resistant to corrosion
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens cover ensures discreet appearance



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off



ALHL/BL



ALHL/PIR/WH

	Code	Lamp	Description
Standard	ALHL/BL	E27	42W - Black
	ALHL/WH	E27	42W - White
Photocell	ALHL/PC/BL	E27	42W Photocell - Black
	ALHL/PC/WH	E27	42W Photocell - White
PIR	ALHL/PIR/BL	E27	42W PIR - Black
	ALHL/PIR/WH	E27	42W PIR - White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Latina LED Wall Lantern

Supplied c/w Integral Driver



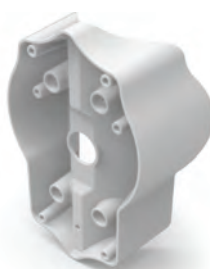
ALWLLED/WH



ALWLLED/PIR/BL

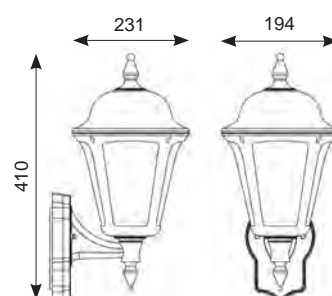


ALWL/CBB



ALWL/CBW

- Contemporary IP65 polycarbonate lantern range and resistant to corrosion
- LED light bar for uniform light output
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance
- LED lifespan L70 56,000 hours
- Non-dimmable



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off

LED Information

Total (Watts)	8W
Lumens Delivered	546lm
Lm/W	68lm
CRI	Ra 80
CCT	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

	Code	Lamp	Description
Standard	ALWLLED/BL	LED	8W - Warm White - Black
	ALWLLED/WH	LED	8W - Warm White - White
PIR	ALWLLED/PIR/BL	LED	8W PIR - Warm White - Black
	ALWLLED/PIR/WH	LED	8W PIR - Warm White - White

Accessories	ALWL/CBB	Wall Lantern Corner Bracket Black
	ALWL/CBW	Wall Lantern Corner Bracket White



Latina Polycarbonate Wall Lantern

Supplied Less Lamp

- Contemporary IP65 polycarbonate lantern range and resistant to corrosion
- Unique design provides installer with option of top arm or bottom arm mounting, without the need of additional wiring (PIR version bottom arm mounting only)
- Textured polycarbonate finish and tinted lens
- PIR option for convenience and security. Incorporates manual override option
- Colour matching PIR lens ensures discreet appearance



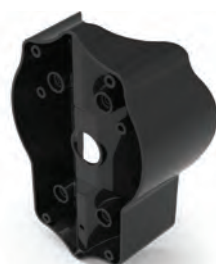
353



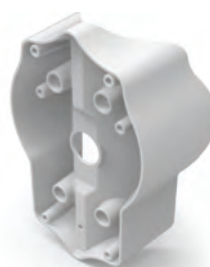
ALWL/WH



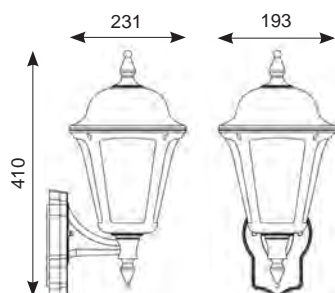
ALWL/PIR/BL



ALWL/CBB



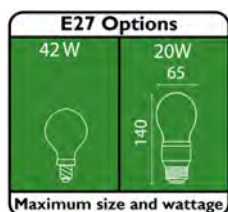
ALWL/CBW



PIR



Max 8 metres
5 seconds to 8 minutes
2 - 2000 LUX - Photocell
Off



	Code	Lamp	Description
Standard	ALWL/BL	E27	42W - Black
	ALWL/WH	E27	42W - White
PIR	ALWL/PIR/BL	E27	42W PIR - Black
	ALWL/PIR/WH	E27	42W PIR - White
Accessories	ALWL/CBB		Wall Lantern Corner Bracket Black
	ALWL/CBW		Wall Lantern Corner Bracket White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

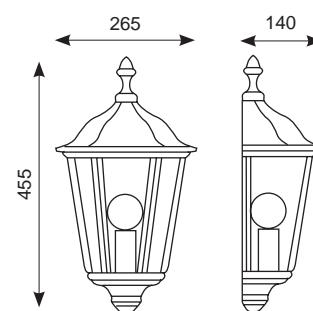


Roma

Supplied Less Lamp



- Die-cast aluminium half-lantern in black
- Clear polycarbonate diffuser for E27 versions



E27 Options		
100 W	23 W 53	20 W 53
165	165	165
Maximum size and wattage		

Code	Lamp	Description
ARE27/HL/BL	E27	100W - Black



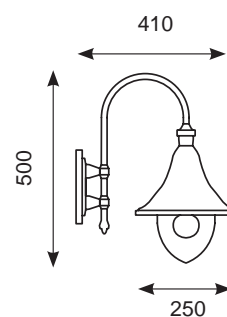


Lampara

Supplied Less Lamp



- Die-cast aluminium construction with transparent polycarbonate diffuser
- Black paint finish



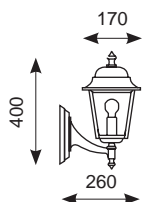
E27 Options		
100 W	23W	20W
	53	53
165	165	165
Maximum size and wattage		

Code	Lamp	Description
ALE27/WL/BL	E27	100W - Black

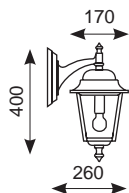




- Die-cast aluminium four sided lantern
- Black paint finish
- Smoked glass diffuser
- Full size post lanterns incorporate hinged door for easy wiring access

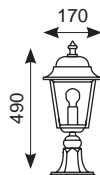


ANE27/WLBA/BL



ANE27/WLTA/B

ANE27/PIL/BL



ANE27/PIL/BL



ANE27/WLBA/BL



E27 Options		
60W to 100W	23W 53	20W 53
130	130	130
Maximum size and wattage		



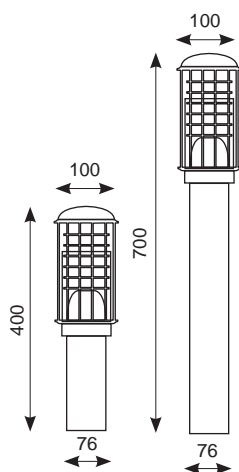
	Code	Lamp	Description
Wall Lantern	ANE27/WLTA/BL	E27	60W Top Arm - Black
	ANE27/WLBA/BL	E27	60W Bottom Arm - Black
Pillar Lantern	ANE27/PIL/BL	E27	60W - Black



Project - Private Residential
Bangor, Ireland



- High Grade AISI 316L stainless steel bollard
- Slim profile provides additional suitability for patio lighting
- Suitable for commercial and domestic applications






AUE27040/SS



AUE27070/SS



E27 Options		
60W	23W 53	20W 53
		
Maximum size and wattage		



Code	Lamp	Description
AUE27040/SS	E27	60W 400mm
AUE27070/SS	E27	60W 700mm

Urano Inox Country

Supplied Less Lamp



360

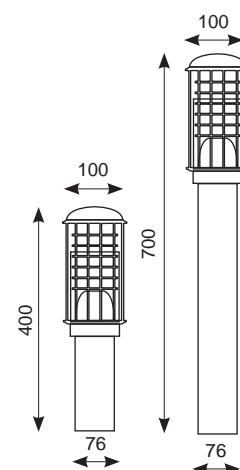


AUE27040/WE



AUE27070/WE

- Stunning combination of country wood effect with stainless steel head
- Slim profile provides additional suitability for patio lighting
- Decorative AISI 316L stainless steel head
- Suitable for commercial and domestic applications



Code	Lamp	Description
AUE27040/WE	E27	60W 400mm
AUE27070/WE	E27	60W 700mm

E27 Options		
60W	23W 53	20W 53
Maximum size and wattage		





Project - Private Residential
County Antrim, Ireland

Pavia Solar LED

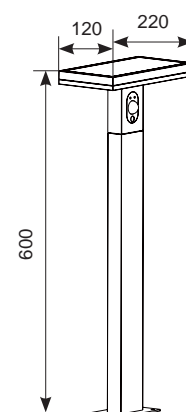
Supplied c/w Integral Driver



- Ultra modern die-cast solar powered aluminium LED bollard
- PIR motion sensor as standard
- Automatic day/night mode switching
- 2 operation modes:-
1) 15% output after sunset, motion detected 100% output, no motion 15% for 20 hours
2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours



**Matching
Pavia Wall Light**
see p279



6 to 10 metres
1 minute
10 to 45 LUX

Code	Lamp	Description
APAVLEDB/60	LED	Cool White

Accessories	ASBP/17	7.4V 1500mAh Replacement Li-ION Battery
--------------------	----------------	---

LED Information

Lumens Delivered	230lm
------------------	-------

CRI	Ra 80
-----	-------

CCT	4000K
-----	-------

Operating Temp	-20°C to 45°C
----------------	---------------



Project - Private Residence
Southport, UK

Talana Solar LED

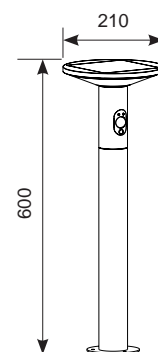
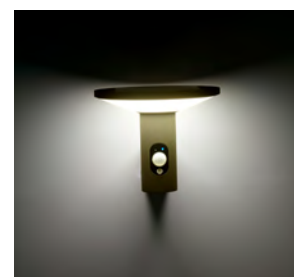
Supplied c/w Integral Driver



- Ultra modern die-cast solar powered aluminium LED bollard
- PIR motion sensor as standard
- 2 operation modes:-
1) 11% output after sunset, motion detected 100% output, no motion 11% for 20 hours
2) Motion detected 100% output, no motion off
- Graphite textured powder coat paint finish
- LED lifespan L70 36,000 hours



Matching
Talana Solar LED Wall Light
see p281



6 to 10 metres
1 minute
10 to 45 LUX

Code	Lamp	Description
ATASLEDB/60	LED	Cool White

Accessories ASBP/17 7.4V 1500mAh Replacement Li-ION Battery

LED Information

Lumens Delivered	210lm
CRI	Ra 80
CCT	4000K
Operating Temp	-20°C to 45°C





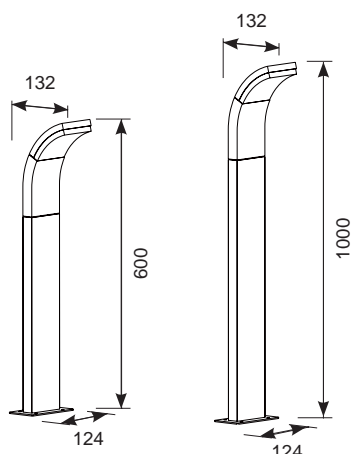
Project - Private Residential
Belfast, UK



Project - Private Residential
Chester, UK



- Contemporary die-cast aluminium LED bollard
- Graphite textured powder coat paint finish
- Flange mounted base for surface fixing
- LED lifespan L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	6.5W
Lumens Delivered	366lm
Lm/W	52lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



ASELEDB/060

ASELEDB/100

Code	Lamp	Description
ASELEDB/060	LED	6.5W - Cool White 600mm
ASELEDB/100	LED	6.5W - Cool White 1000mm

Arco LED

Supplied c/w Integral Driver



Light distribution from head of bollard



AARLEDB/060

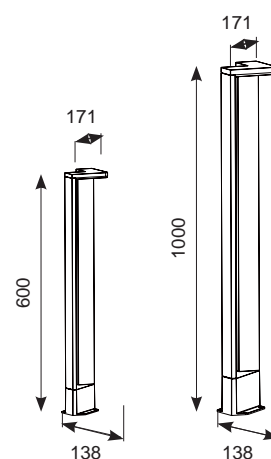


AARLEDB/100

- Ultra modern LED bollard
- Graphite textured powder coated paint finish
- Flange mounted base for surface mounting
- LED lifespan L70 36,000 hours
- Non-dimmable



Matching
Arco LED Wall Light
see p276

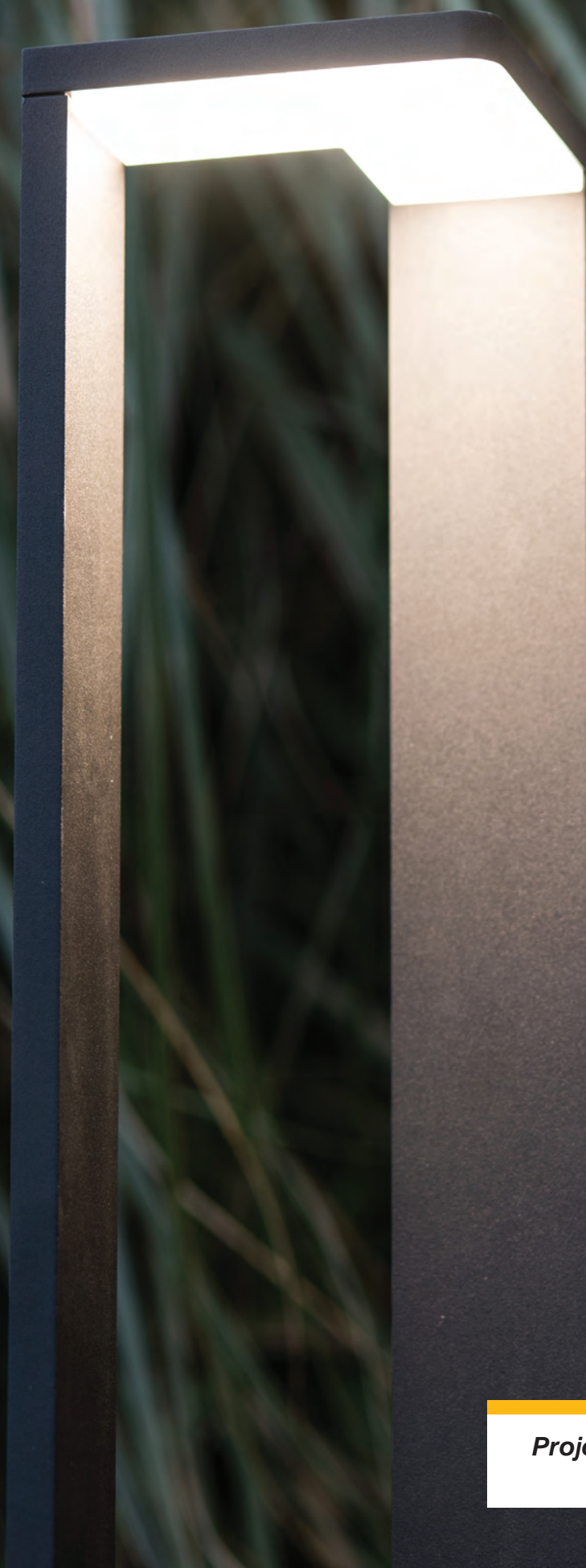


LED Information

Total (Watts)	11W
Lumens Delivered	643lm
Lm/W	58lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



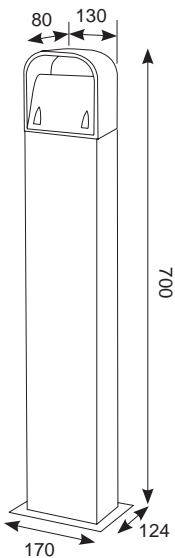
Code	Lamp	Description
AARLEDB/060	LED	11W - Cool White 600mm
AARLEDB/100	LED	11W - Cool White 1000mm



Project - Private Residential
York, UK



- Modern bollard with die-cast aluminium body
- Innovative bi-directional light distribution
- Equivalent performance to 26W PLC
- Powder coated anodized graphite paint finish for enhanced durability
- Flange mounted base for surface fixing
- IP66 loop-in, loop-out connection joint for ease of installation
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	11W
Lumens Delivered	
Cool White	202lm
Warm White	578lm
Lm/W	
Cool White	18lm
Warm White	53lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



Code	Lamp	Description
AGLEDB/700	LED	11W - Cool White 700mm
AGLEDB/700/WW	LED	11W - Warm White 700mm

Brock LED Bollard

Supplied c/w Integral Driver and Root mounting kit

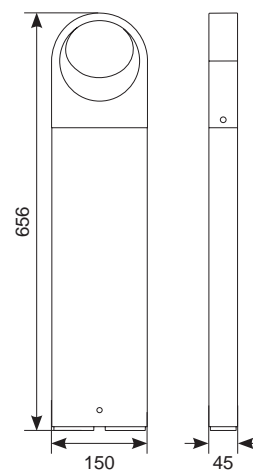


Supplied c/w Root
Mounting kit

- Modern bi-directional bollard providing vivid angled light distribution
- Die-cast aluminium body with a graphite powder coated anodized paint finish for enhanced durability
- Supplied c/w root mounting kit
- LED lifespan L70 50,000 hours
- Non-dimmable



Matching
Brock LED Wall light
see p298



LED Information

Total (Watts)	7.7W
Lumens Delivered	
Cool White	452lm
Warm White	447lm
Lm/W	
Cool White	57lm
Warm White	56lm
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ABRLEDB/650/CW	LED	7.7W - Cool White 650mm
ABRLEDB/650/WW	LED	7.7W - Warm White 650mm





Duet LED

Supplied c/w Integral Driver



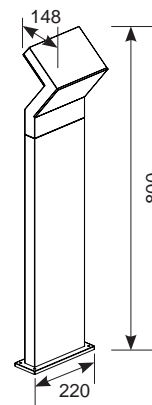
Light distribution from the rear of the bollard



Light distribution from the front of the bollard



- Ultra modern bollard with die-cast aluminium body
- Powder coated anodized graphite paint finish for enhanced durability
- Flange mounted base for surface fixing
- LED lifespan L70 36,000 hours
- Non-dimmable



LED Information

Total (Watts)	17W
Lumens Delivered	1536lm
Lm/W	90lm
CRI	Ra 80
CCT	4000K
Input	100V-240V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description
ADULEDB/080	LED	17W - Cool White 800mm





Project - Private Residential
Bath, UK



Project - Public Walkway
Essex, UK

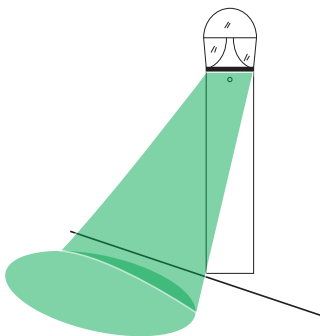
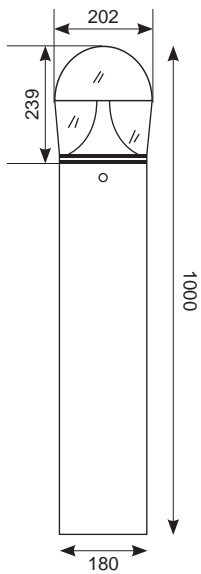
Taurus LED

Supplied c/w Integral Driver



377

- Robust die-cast aluminium bollard with a textured graphite finish
- Die-cast aluminium head with polycarbonate lens
- Comparable performance to 70W HQI
- Powered by Philips
- Integral emergency option
- Supplied c/w root mounting kit
- LED lifespan L70 50,000 hours
- Non-dimmable



Emergency Operation

LED Information

Total (Watts)	26W
Lumens Delivered	1379lm
Lm/W	53lm
CRI	Ra 70
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-25°C to 50°C



Code	Lamp	Description
ATALEDB/1000	LED	26W - Cool White 1000mm
ATALEDB/1000/PIR	LED	26W - Cool White 1000mm - PIR

Option	/M3	Emergency
--------	-----	-----------

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Leo CCT LED Polycarbonate Bollard

Supplied c/w Integral Driver



Powered by
TRIDONIC
enlightening your ideas

- Modern styled bollard with polycarbonate construction
- White reflector with clear polycarbonate diffuser
- Polycarbonate construction is ideal for coastal applications
- Suitable for domestic and commercial applications
- Supplied c/w root mounting kit, can be surface mounted with rawbolts
- CCT selectable between 3000K and 4000K
- LED lifespan L70 61,000 hours
- Non-dimmable



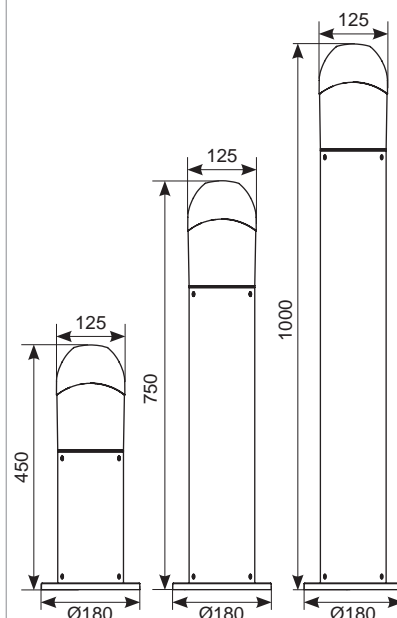
ALEOLED/CCT/045/GR



ALEOLED/CCT/075/GR



ALEOLED/CCT/100/GR



LED Information

Total (Watts)	8W	
	13W	
	13W	
Lumens Delivered	4000K	3000K
8W	592lm	533lm
13W	922lm	880lm
13W	922lm	880lm
Lm/W		
8W	74lm	67lm
13W	77lm	73lm
13W	77lm	73lm
CRI	Ra 80	
CCT	3000K	
	4000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-10°C to 40°C	

Code	Lamp	Description
ALEOLED/CCT/045/GR	LED	8W - Warm White/Cool White 450mm
ALEOLED/CCT/075/GR	LED	13W - Warm White/Cool White 750mm
ALEOLED/CCT/100/GR	LED	13W - Warm White/Cool White 1000mm



Project - Commercial Development
Stockport, UK

Monza

Supplied Less Lamp



380



AME27045/BL

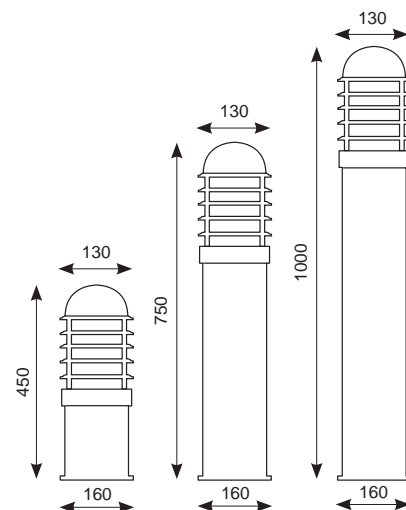


AME27075/BL



AME27100/BL

- Die-cast extruded aluminium bollard with external louvred head
- Textured black powder coat finish
- Suitable for commercial and domestic applications



Code	Lamp	Description
AME27045/BL	E27	100W 450mm
AME27075/BL	E27	100W 750mm
AME27100/BL	E27	100W 1000mm

Accessories ARMK3

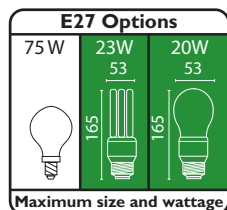
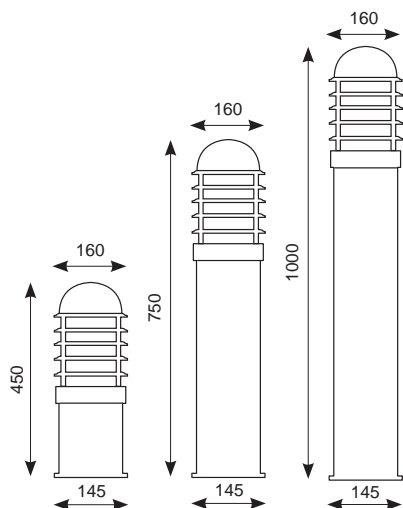
Root Mounting Kit

E27 Options		
100 W	23W 53	20W 53
165	165	165
Maximum size and wattage		





- High Grade AISI 316L stainless steel bollard
- External louvred head and opal polycarbonate diffuser
- Suitable for commercial and domestic applications



AME27045/SS



AME27075/SS



AME27100/SS

Code	Lamp	Description
AME27045/SS	E27	75W 450mm
AME27075/SS	E27	75W 750mm
AME27100/SS	E27	75W 1000mm

Accessories ARMK3

Root Mounting Kit



Aquila

Supplied Less Lamp



382



AAE27045/BL

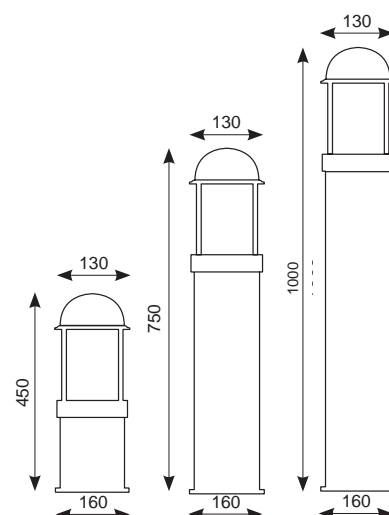


AAE27075/BL



AAE27100/BL

- Die-cast aluminium bollard with four pillars and opal polycarbonate diffuser
- Textured black powder coat finish
- Suitable for commercial and domestic applications



Code	Lamp	Description
AAE27045/BL	E27	75W 450mm
AAE27075/BL	E27	75W 750mm
AAE27100/BL	E27	75W 1000mm

Accessories ARMK3

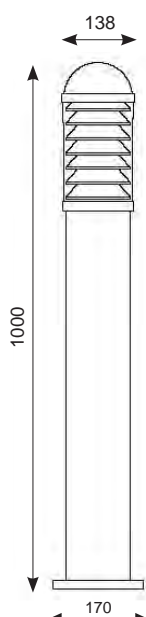
Root Mounting Kit

E27 Options		
100W	23W 53	20W 53
165	165	165
Maximum size and wattage		





- Die-cast aluminium bollard with polycarbonate diffuser
- Internal stainless steel louvre
- Detachable head for easy access to lamp housing
- Suitable for surface mounting
- Supplied with root mounting kit



E27 Options		
100 W	23W	20W
130	53	53
130	130	130
Maximum size and wattage		



Code	Lamp	Description
ALIB/100E27	E27	100W 1000mm

Orno LED Portable Lantern

Supplied c/w DC Adaptor

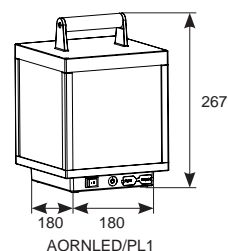


AORNLed/PL1
White LED

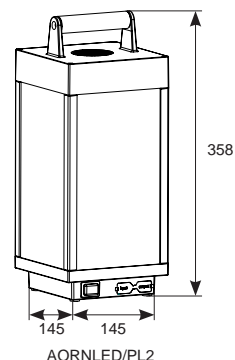


AORNLed/PL2

- Modern portable lantern range suitable for domestic applications
- Anodised powder coated die-cast frame construction, c/w polycarbonate enclosure for enhanced durability
- Chargeable USB battery power ensures no installation or maintenance is required
- Integrated bluetooth speaker allows pairing with smart device for audio playback (AORNLed/PL2 Only)
- A selection of light outputs can be selectable via an external touch pad (AORNLed/PL1 Only)
- USB 2.0 output allows a smartphone to be charged from the fitting
- Up to 6 hours of battery life
- LED lifespan L70 36,000 hours



AORNLed/PL1



AORNLed/PL2

LED Information

Total (Watts)	5W
Lumens Delivered	353lm
Lm/W	71lm
CRI	Ra 80
CCT	4000K
Input	3.7VDC
Operating Temp	-20°C to 45°C

Code	Lamp	Description
AORNLed/PL1	LED	5W - Small/Cool White
AORNLed/PL2	LED	6W - Large/Cool White



Project - Private Residential
Congleton, UK

Lazer AC LED Projector

Integrated AC LED Technology

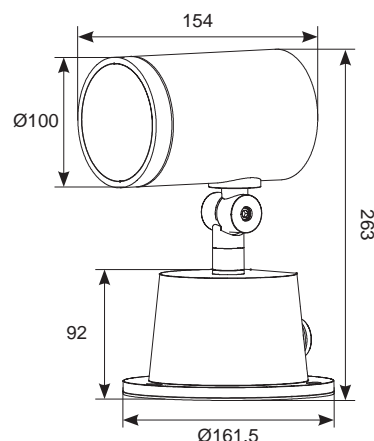


Cross Anti-Glare Accessory



Hood Accessory

- High performance LED projector light
- Push fit loop-in loop-out for ease of installation
- Integrated AC LED technology
- Die-cast aluminium construction with textured graphite paint finish
- Cross anti-glare and hood accessory available
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	30W
Lumens Delivered	2581lm
Lm/W	86lm
Beam Angle	28°
CRI	Ra 80
CCT	3000K
Input	220-240V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
ALAZPLED2	LED	30W - Warm White

Accessories	ALAZPLED/C	Cross Anti-Glare Accessory
	ALAZPLED/H	Hood Accessory



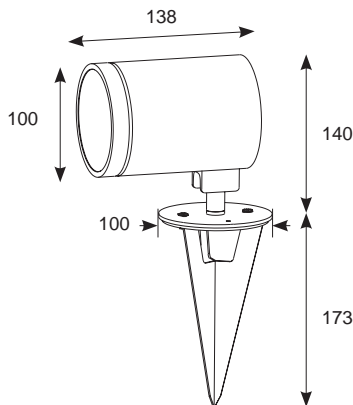
Rondo HP AC LED Surface/Spike Light

Integrated AC LED Technology



387

- High performance LED feature light
- Suitable for surface or spike mounting (spike accessory included)
- Integrated AC LED technology
- 60° beam angle
- Die-cast aluminium construction with textured graphite paint finish
- Pre-wired with 2 metres of H07RN-F cable
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	20W
Lumens Delivered	1200lm
Lm/W	60lm
Beam Angle	60°
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



Wall Mounting



Spike Mounting



Surface Mounting

Code	Lamp	Description
AROLEDSSS	LED	20W - Cool White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Southport Flower Show
Southport, UK

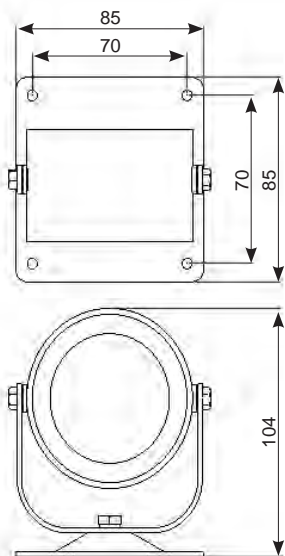
Meteor LED Submersible

Supplied Less Driver



389

- Surface or submersible spot for external applications
- 316L stainless steel construction housing with adjustable head
- Pre-wired with 3 metres of rubber insulated cable
- Submersible to a depth of up to 3 metres
- LED lifespan
L70 50,000 hours



LED Information

Total (Watts)	6W
Lumens Delivered	547lm
Lm/W	91lm
CRI	Ra 75
CCT	4000K
Input	350mA
Operating Temp	-20°C to 40°C



	Code	Lamp	Description
	AMETLED	LED	6W - Cool White
Accessories	AD9W/350	9W 350mA LED Driver	
	ADK20W/350	20W 350mA LED Driver	
	AMCD25W	0-15W Multicurrent Driver	
	AMCD50W	0-20W Multicurrent Driver	

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Garda GU10 LED

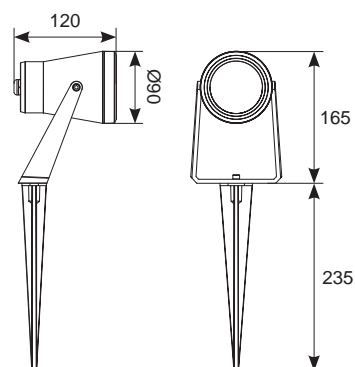
Supplied Less Lamp



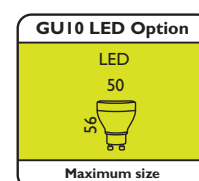
Wall Mounting

Spike Fixing

- Dual purpose garden spotlight supplied with wall mounting bracket and spike
- Polycarbonate construction suitable for coastal areas
- Pre-wired with 2 metres of rubber insulated cable
- Suitable for GU10 LED lamps only as detailed



Code	Lamp	Description
AGAR/GU10	GU10	5W LED GU10



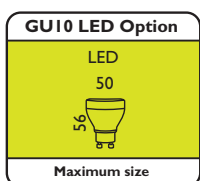
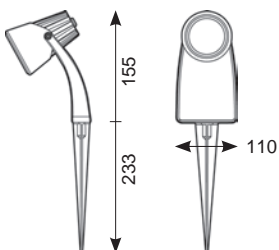
Flora GU10 LED

Supplied Less Lamp



391

- Dual purpose garden spotlight supplied with wall mounting bracket and spike
- Polycarbonate construction suitable for coastal areas
- Manufactured from 100% recyclable materials
- Pre-wired with 2 metres of rubber insulated cable
- Suitable for GU10 LED lamps only as detailed



Wall Mounting

Spike Fixing

Code	Lamp	Description
AFGS/GU10LED	LED	5W LED GU10



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

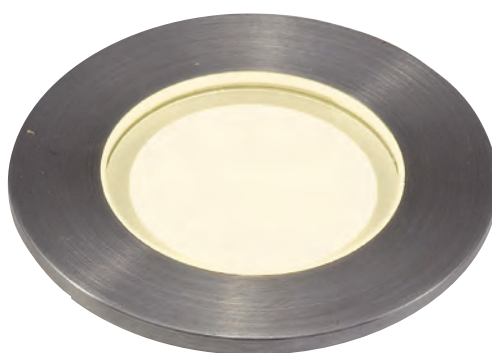


Subra LED Inground Uplight

Supplied Less Driver

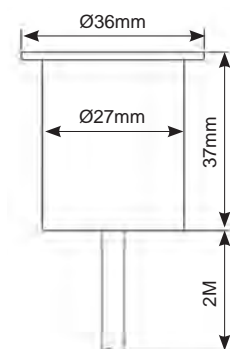


ASUWOLED/CW



ASUWOLED/WW

- Small recessed LED marker ground light for a variety of internal and external applications
- 316L stainless steel bezel and housing
- Pre-wired with 2 metres of rubber insulated cable
- Submersible to a depth of up to 2 metres
- LED lifespan L70 56,000 hours lifetime



LED Information

Total (Watts)	1W
Lumens Delivered	
Cool White	35lm
Warm White	35lm
Lm/W Cool White	35lm
Lm/W Warm White	35lm
CRI Cool White	Ra 75
CRI Warm White	Ra 80
CCT Cool White	6000K
CCT Warm White	3000K
Input	12V/24V
Operating Temp	-20°C to 45°C

Code	Lamp	Description
ASUWOLED/CW	LED	1W - Cool White
ASUWOLED/WW	LED	1W - Warm White

Accessories	ADK15W/24V	15W 24V LED Driver
	ADK60W/24V	60W 24V LED Driver
	AMCD25W	10 - 20W Multicurrent LED Driver



Project - Private Residential
Liverpool, UK

Turlock LED Inground Uplight

Supplied c/w Integral Driver



ATURWOLED/70



ATURWOLED/70/WW

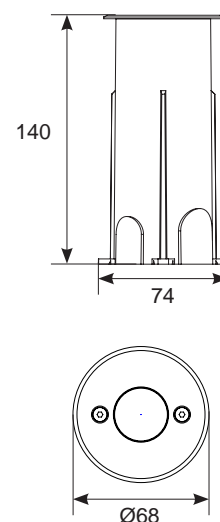


2-way Mini drive over cover



4-way Mini drive over cover

- Powerful compact LED inground uplight
- Exceeds performance of 50W Halogen
- Die-cast aluminium construction with 316L stainless steel top frame
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	3W
Lumens Delivered	
Cool White	135lm
Warm White	124lm
Lm/W	
Cool White	45lm
Warm White	41lm
Beam Angle	26°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ATURWOLED/70	LED	3W - Cool White
ATURWOLED/70/WW	LED	3W - Warm White

Accessories	ATURWOLED/70/2	2-Way Mini Drive Over Cover Accessory
	ATURWOLED/70/4	4-Way Mini Drive Over Cover Accessory





Project - Private Residential
Abersoch, UK

Turlock LED Inground Uplight

Supplied c/w Integral Driver



Powered by

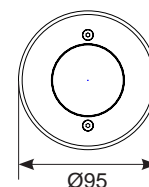
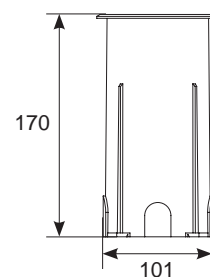


ATURWOLED/95



ATURWOLED/95/WW

- Powerful compact LED inground uplight
- Exceeds performance of 35W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	4W
Lumens Delivered	
Cool White	390lm
Warm White	301lm
Lm/W	
Cool White	97lm
Warm White	75lm
Beam Angle	21°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ATURWOLED/95	LED	4W - Cool White
ATURWOLED/95/WW	LED	4W - Warm White



Turlock LED Inground Uplight

Supplied c/w Integral Driver

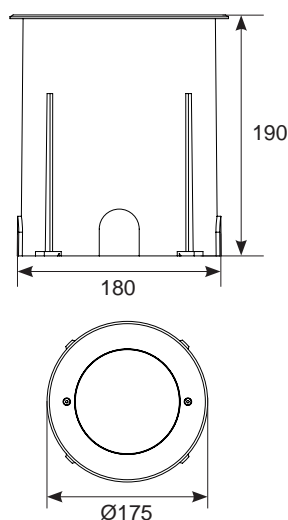


397

- High performance LED inground uplight
- Exceeds performance of 70W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



ATURWOLED/175



LED Information

Total (Watts)	8W
Lumens Delivered	
Cool White	884lm
Warm White	785lm
Lm/W	
Cool White	110lm
Warm White	98lm
Beam Angle	18°
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



ATURWOLED/175/WW



Code	Lamp	Description
ATURWOLED/175	LED	8W - Cool White
ATURWOLED/175WW	LED	8W - Warm White

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Turlock LED Inground Uplight

Supplied c/w Integral Driver



Powered by

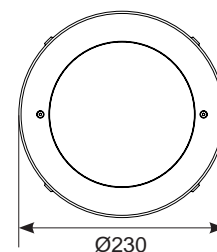
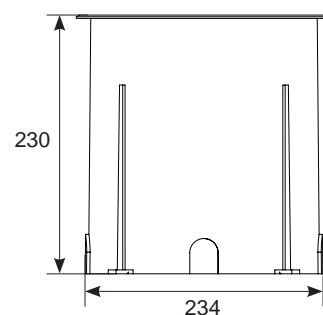


ATURWOLED/230



ATURWOLED/230/WW

- High performance inground uplight
- Exceeds performance of 70W CDM-T
- Static load test to 2000kg
- Supplied c/w installation housing for additional protection and ease of installation
- Die-cast aluminium construction with 316L stainless steel top frame
- Pre-wired with 1 metre of rubber insulated cable
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	19W
Lumens Delivered	
Cool White	2214lm
Warm White	2021lm
Lm/W	
Cool White	116lm
Warm White	106lm
Beam Angle	20°
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C

Code	Lamp	Description
ATURWOLED/230	LED	19W - Cool White
ATURWOLED/230/WW	LED	19W - Warm White



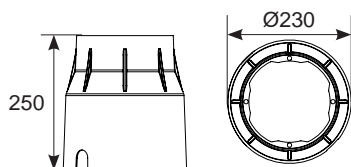
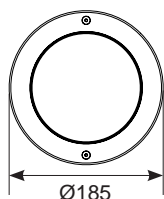
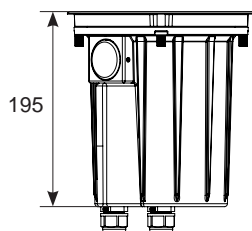
Fresno LED Adjustable Inground Uplight

Supplied c/w Integral Driver

- High performance LED adjustable inground uplight
- Exceeds performance of 35W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable



399



Installation Sleeve

LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1092lm
Warm White	903lm
Lm/W	
Cool White	73lm
Warm White	60lm
Beam Angle	11°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C



Adjustable 30° beam angle

Code	Lamp	Description
AFRWOLED/185	LED	15W - Warm White
AFRWOLED/185/CW	LED	15W - Cool White



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



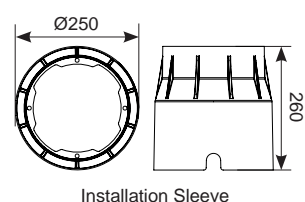
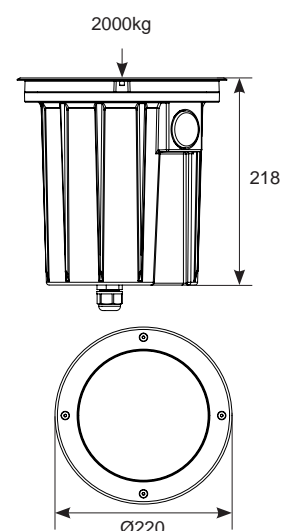
Fresno LED Adjustable Inground Uplight

Supplied c/w Integral Driver



Adjustable 30° beam angle

- High performance LED adjustable inground uplight
- Outperforms 70W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable



Installation Sleeve

LED Information

Total (Watts)	20W
Lumens Delivered	
Cool White	1076lm
Warm White	998lm
Lm/W	
Cool White	54lm
Warm White	50lm
Beam Angle	15°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AFRWOLED/220	LED	20W - Warm White
AFRWOLED/220/CW	LED	20W - Cool White

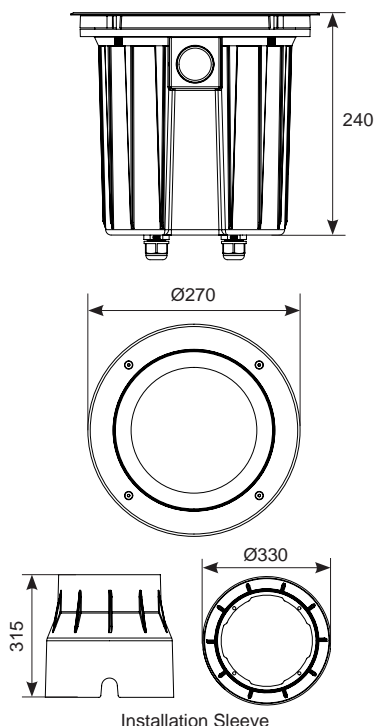
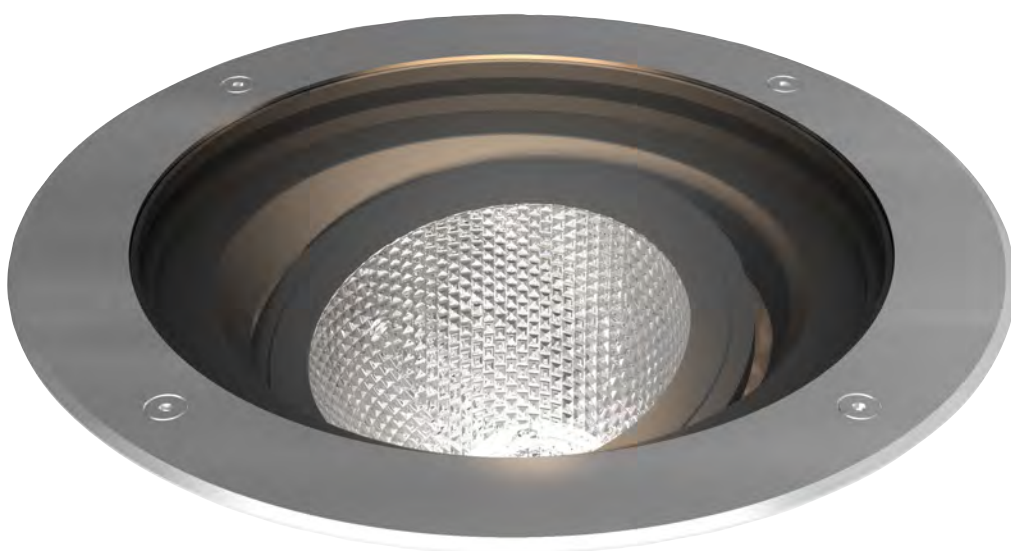
Fresno LED Adjustable Inground Uplight

Supplied c/w Integral Driver

- High performance LED adjustable inground uplight
- Exceeds performance of 70W CDM-T
- 304L stainless steel bezel and powder coated aluminium housing
- Supplied c/w installation housing for additional protection and ease of installation
- Integral driver and pre-wired with 2 metres of rubber insulated cable
- Static load test to 2000kg and therefore suitable for vehicular and pedestrian traffic
- LED lifespan L70 36,000 hours
- Non-dimmable



401



Installation Sleeve

LED Information

Total (Watts)	30W
Lumens Delivered	
Cool White	1938lm
Warm White	1770lm
Lm/W	
Cool White	65lm
Warm White	59lm
Beam Angle	21°
CRI	Ra 80
CCT	3000K
	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C



Adjustable 30° beam angle

Code	Lamp	Description
AFRWOLED/270	LED	30W - Warm White
AFRWOLED/270/CW	LED	30W - Cool White



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

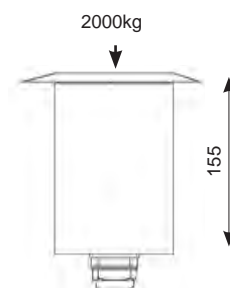
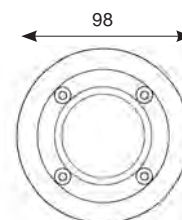


GU10/MR16 Inground Uplight

Supplied Less Lamp



- Supplied with both MR16 and GU10 lampholders
- Compact inground uplight which accepts 12V and mains halogen, CFL and LED lamps
- Housing in die-cast aluminium with clear toughened glass diffuser of 10mm thickness
- 316 stainless steel top ring and stainless steel allen key screws
- Suitable for light vehicular traffic with a static impact resistance of up to 2000kgs
- Supplied with recessed sleeve in high resistant thermoplastic



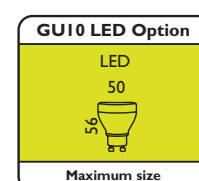
With Sleeve



Without Sleeve

Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.

Code	Lamp	Description
AWO50	GU10/MR16	50W



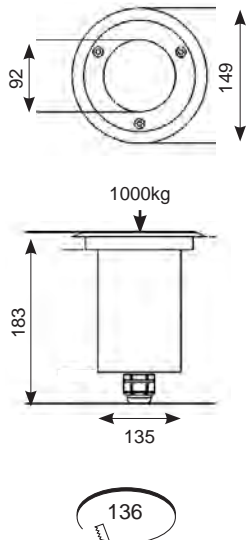
GU10 Adjustable Inground Uplight

Supplied Less Lamp



403

- Die-cast aluminium housing with a clear toughened glass diffuser of 8mm thickness
- 304 stainless steel top ring and stainless steel allen key screws
- Adjustable lampholder to allow up to 15° vertical inclination of lamp
- Suitable for pedestrian traffic with a static impact resistance of up to 1000kgs



Caution: surface glass temperature will get very hot under normal halogen operation. It is recommended to use GU10 LED lamps for cooler operation.



Code	Lamp	Description
AWO/GU10	GU10	50W

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750







Project

Pennington Wharf - Leigh, UK



Lynx LED Wallpack p427

Floodlighting



Colossus HO LED



Mira 2 LED



Orion LED Asymmetric



Vaste LED



Mira LED



Zion LED Black



Zion LED White



Calinor LED Floodlight



Eden LED Floodlight



426

Lynx LED Mini Wallpack

427

Lynx LED Wallpack

428

Asuri LED Post Top

431

Onix LED Street Light

A photograph of a modern building at night. The building has a dark, textured facade and large glass windows that reveal a brightly lit interior with red armchairs. The building is situated on a grassy lawn, and there are some trees and a small structure in the background. The sky is dark blue.

Designed to
Deliver...

Colossus HO LED Floodlight

Supplied c/w Remote LED Driver in a IP65 Enclosure

- Die-cast aluminium luminaire with symmetrical light distribution
- High output, high efficiency floodlight
- Suitable for large external sports or industrial applications
- 500W exceeds the performance of 1000W HQI
- 1000W comparable to performance of 2000W HQI
- Supplied with remote mounted control gear in an IP65 enclosure
- LED Lifespan L70 50,000 hours
- Non-dimmable



409

Powered by



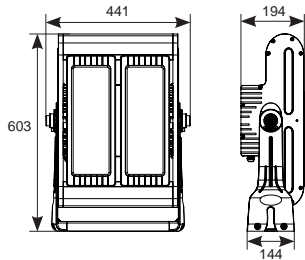
ACOLOED500



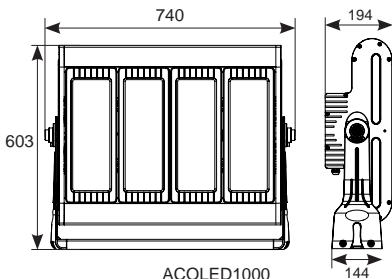
ACOLOED1000



Remote IP65 Enclosure



ACOLEED500



ACOLEED1000

LED Information

Total (Watts)	500W
	1000W
Lumens Delivered	
500W	66489lm
1000W	132827lm
Beam Angle	60°
Lm/W 500W	133lm
Lm/W 1000W	133lm
CRI	Ra 70
CCT	5000K
Input	100/240V
Hertz	50/60Hz
Operating Temp	-40°C to 40°C



Code	Lamp	Description	Windage
ACOLOED500	LED	500W - Daylight	0.27
ACOLOED1000	LED	1000W - Daylight	0.45

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

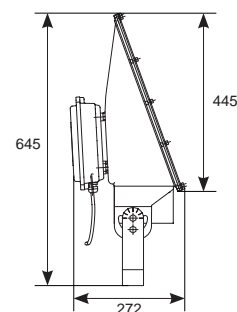
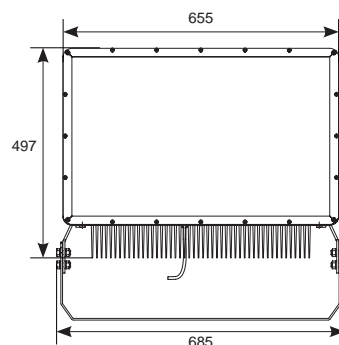


Mira 2 LED Asymmetric Floodlight

Supplied c/w Integral Driver



- Die-cast LED floodlight with textured graphite colour finish
- Asymmetric reflector for anti-light pollution
- Exceeds the performance of 1000W HQI
- Lighting for large open spaces, sports centres and industrial spaces
- LED lifespan L70 50,000 hours
- Non-dimmable



Code	Lamp	Description	Windage
AM2LED/ASY/500	LED	500W - Daylight	0.30
AM2LED/ASY/800	LED	789W - Daylight	0.30

Options	/PC	Electronic Photocell
----------------	------------	----------------------

LED Information

Total (Watts)	500W
	789W

Lumens Delivered	
500W	72862lm
789W	109264lm

Lm/W 500W	146lm
-----------	-------

Lm/W 789W	138lm
-----------	-------

CRI	Ra 70
-----	-------

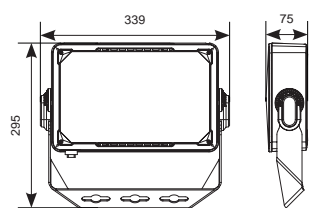
CCT	5000K
-----	-------

Input	100/270V
-------	----------

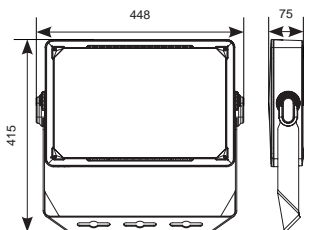
Hertz	50/60Hz
-------	---------

Operating Temp	-20°C to 50°C
----------------	---------------

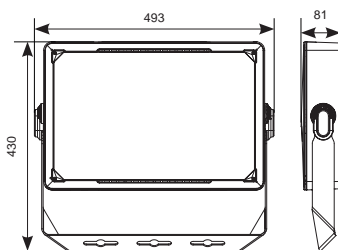
- High performance die-cast aluminium LED floodlight
- High output, high efficiency asymmetric lens technology for anti-light pollution
- High specification IP66, IK08 ratings
- 100W exceeds performance of 150W HQI-T
- 150W exceed performance of 250W HQI-T
- 200W comparable light output of 400W HQI-T
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L80 36,000 hours
- Non-dimmable



AORFLED100/ASY



AORFLED150/ASY



AORFLED200/ASY

LED Information

Total (Watts)	100W
	150W
	200W

Lumens Delivered	
100W	12298lm
150W	20331lm
200W	27577lm

Lm/W	
100W	123lm
150W	136lm
200W	138lm

CRI	Ra 70
-----	-------

CCT	4000K
-----	-------

Input	100-240VAC
-------	------------

Hertz	50/60Hz
-------	---------

Operating Temp	-40°C to 40°C
----------------	---------------

Orion Asymmetrical LED Floodlight

Supplied c/w Integral Driver



411



AORFLED100/ASY



AORFLED150/ASY



AORFLED200/ASY

Code	Lamp	Description	Windage
AORFLED100/ASY	LED	100W - Cool White	0.11
AORFLED150/ASY	LED	150W - Cool White	0.24
AORFLED200/ASY	LED	200W - Cool White	0.27



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Vaste LED Floodlight

Supplied c/w Integral Driver



AVFLED10



AVFLED10/PIR



AVFLED30

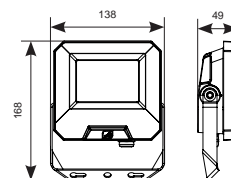


AVFLED50

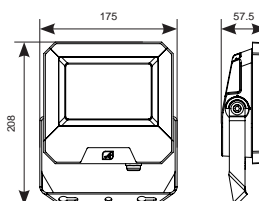


6 Metres
5 Seconds - 8 Minutes
10 - 2000 Lux

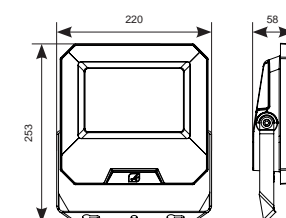
- Modern architectural slim die-cast LED floodlight
- 10W ideal for halogen replacement
- 30W comparable light output to 35W HQI
- 50W comparable light output to 70W HQI-TS
- Die-Cast construction and heat sink design providing optimised thermal characteristics for optimum LED life and performance
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- PIR versions complete with manual override facility
- LED lifespan L70 30,000 hours
- Non-dimmable



AVFLED10



AVFLED30



AVFLED50

LED Information

Total (Watts)	10W
	30W
	50W

Lumens Delivered	
10W	938lm
30W	2899lm
50W	4822lm

Lm/W 10W	94lm
Lm/W 30W	97lm
Lm/W 50W	96lm

CRI	Ra 80
-----	-------

CCT	4000K
-----	-------

Input	220-240V
-------	----------

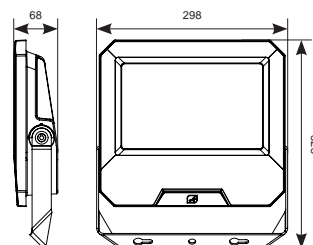
Hertz	50/60Hz
-------	---------

Operating Temp	-20°C to 25°C
----------------	---------------

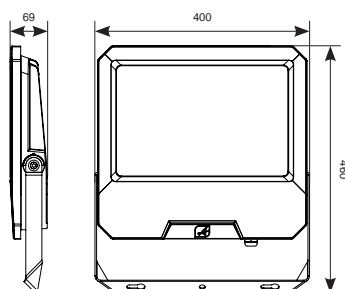
	Code	Lamp	Description	Windage
Standard	AVFLED10	LED	10W - Cool White	0.01
PIR	AVFLED10/PIR	LED	10W c/w PIR - Cool White	0.01
Standard	AVFLED30	LED	30W - Cool White	0.02
Standard	AVFLED50	LED	50W - Cool White	0.04

Option	/PC	Electronic Photocell (50W only)		
--------	-----	---------------------------------	--	--

- Modern architectural slim die-cast LED floodlight
- 100W comparable performance of 150W HQI-TS
- 200W exceeds performance of 250W HQI-T
- Die-Cast construction and heat sink design providing optimised thermal characteristics for optimum LED life and performance
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 30,000 hours
- Non-dimmable



AVFLED100



AVFLED200

LED Information

Total (Watts)	100W 200W
Lumens Delivered	
100W	10055lm
200W	19996lm
Lm/W 100W	102lm
Lm/W 200W	102lm
CRI	Ra 80
CCT	4000K
Input	220-240V
Hertz	50/60Hz
Operating Temp	-20°C to 25°C



Vaste LED Floodlight

Supplied c/w Integral Driver



413



AVFLED100



AVFLED200

Code	Lamp	Description	Windage
AVFLED100	LED	100W - Cool White	0.07
AVFLED200	LED	200W - Cool White	0.1

Note: 100W and 200W versions are not suitable for interior use

Options	/PC	Electronic Photocell
---------	-----	----------------------

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Mira LED Floodlight

Supplied c/w Integral Driver

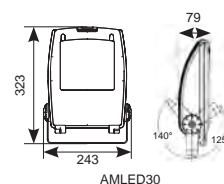


AMLED30

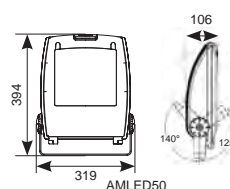


AMLED50

- Architectural slim die-cast LED floodlight
- 30W LED comparable light output to 35W HQI
- 50W LED comparable light output to 70W HQI
- Optically textured glass for enhanced light output
- Heat sink design provides optimum LED life
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- PIR versions complete with manual override facility
- LED lifespan L70 30,000 hours
- Non-dimmable



AMLED30



AMLED50

	Code	Lamp	Description	Windage
Standard	AMLED30	LED	30W - Cool White	0.08
PIR	AMLED30/PIR	LED	30W c/w PIR - Cool White	0.08
Standard	AMLED50	LED	50W - Cool White	0.13

Option	/PC	Electronic Photocell (50W only)		
--------	-----	---------------------------------	--	--

LED Information

Total (Watts)	30W
	50W
Lumens Delivered	
30W	2816lm
50W	4805lm
Lm/W 30W	91lm
Lm/W 50W	96lm
CRI	Ra 70
CCT	4750K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C



Mira LED Floodlight

Supplied c/w Integral Driver

- Architectural slim die-cast LED floodlight
- 100W LED exceeds performance of 150W HQI
- 200W LED comparable performance to 400W HQI
- Optically textured glass for enhanced light output
- Heat sink design provides optimum LED life
- Graphite textured paint finish
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- LED lifespan L70 30,000 hours
- Non-dimmable



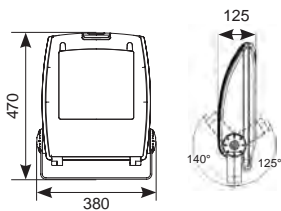
415



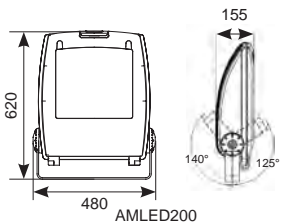
AMLED100



AMLED200



AMLED100



AMLED200

LED Information

Total (Watts)	100W
	200W
Lumens Delivered	
100W	9390lm
200W	19712lm
Lm/W 100W	96lm
Lm/W 200W	101lm
CRI	Ra 70
CCT	4750K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	Windage
AMLED100	LED	100W - Cool White	0.18
AMLED200	LED	200W - Cool White	0.30

Note: 100W and 200W versions are not suitable for interior use

Options	/PC	Electronic Photocell
---------	-----	----------------------



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Zion LED Polycarbonate Floodlight



Zion LED range

The Zion LED range includes 10W, 20W, 30W and 50W variants in both black and white finishes in standard and PIR versions, also available in cool white and warm white



Die-cast aluminium heatsink

Robust powder coated die-cast aluminium heatsink provides excellent thermal management properties



Diffuser and reflector design

Internal mirrored reflector enhances light output from the LED array. The textured polycarbonate diffuser optimises distribution to provide excellent performance.



Fast and easy Installation

Angled mounting bracket design allows installation of the product without having to remove the bracket



Integrated PIR design Detection Range -120°

The integrated PIR design enhances the sleek and minimal appearance. Additionally all PIR versions are supplied with manual override facility and are IP65 rated

Zion LED Polycarbonate Floodlight

Supplied c/w Integral Driver



10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°



AZILED10



AZILED10/PIR

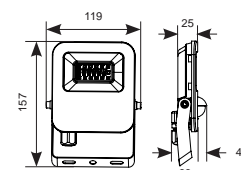


AZILED20

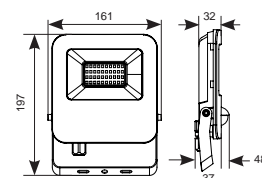


AZILED20/PIR

- Compact and economic polycarbonate LED floodlight
- 10W LED ideal for halogen replacement
- 20W LED exceeds performance of 20W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation (500mm for 10W)
- PIR versions complete with manual override facility
- LED lifespan L70 25,000 hours
- Non-dimmable



AZILED10 - AZILED10/PIR



AZILED20 - AZILED20/PIR

	Code	Lamp	Description	Windage
Standard	AZILED10	LED	10W - Cool White	0.02
PIR	AZILED10/PIR	LED	10W c/w PIR - Cool White	0.02
Standard	AZILED20	LED	20W - Cool White	0.04
PIR	AZILED20/PIR	LED	20W c/w PIR - Cool White	0.04
Standard	AZILED10/WW	LED	10W - Warm White	0.02
PIR	AZILED10/WW/PIR	LED	10W c/w PIR - Warm White	0.02
Standard	AZILED20/WW	LED	20W - Warm White	0.04
PIR	AZILED20/WW/PIR	LED	20W c/w PIR - Warm White	0.04

LED Information

	Cool White	Warm White
Total (Watts)	10W	20W
Lumens Delivered		
10W	843lm	771lm
20W	1709lm	1575lm
Lm/W 10W	84lm	77lm
Lm/W 20W	90lm	83lm
CRI		Ra 70
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 40°C



Zion LED Polycarbonate Floodlight

Supplied c/w Integral Driver

- Compact and economic polycarbonate LED floodlight
- 30W LED comparable light output of 35W HQI
- 50W LED exceeds performance of 70W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Bracket design allows installation without removing mounting bracket
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- PIR versions complete with manual override facility
- LED lifespan L70 25,000 hours
- Non-dimmable



419

PIR



10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°



AZILED30



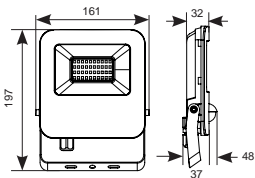
AZILED30/PIR



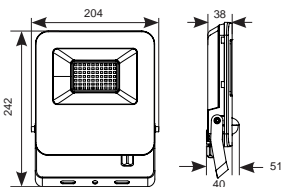
AZILED50



AZILED50/PIR



AZILED30 - AZILED30/PIR



AZILED50 - AZILED50/PIR

LED Information

Cool White Warm White

Total (Watts)	30W	50W
Lumens Delivered		
30W	2614lm	2415lm
50W	4698lm	4198lm
Lm/W 30W	84lm	78lm
Lm/W 50W	94lm	84lm
CRI	Ra 70	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	

	Code	Lamp	Description	Windage
Standard	AZILED30	LED	30W - Cool White	0.04
PIR	AZILED30/PIR	LED	30W c/w PIR - Cool White	0.04
Standard	AZILED50	LED	50W - Cool White	0.05
PIR	AZILED50/PIR	LED	50W c/w PIR - Cool White	0.05
Standard	AZILED30/WW	LED	30W - Warm White	0.04
PIR	AZILED30/WW/PIR	LED	30W c/w PIR - Warm White	0.04
Standard	AZILED50/WW	LED	50W - Warm White	0.05
PIR	AZILED50/WW/PIR	LED	50W c/w PIR - Warm White	0.05



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Zion LED White Polycarbonate Floodlight

Supplied c/w Integral Driver



10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°



AWZILED10



AWZILED10/PIR

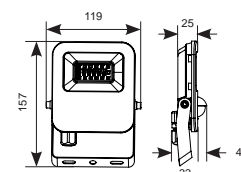


AWZILED20

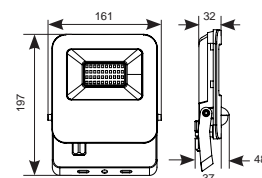


AWZILED20/PIR

- Compact and economic polycarbonate LED floodlight
- 10W LED ideal for halogen replacement
- 20W LED exceeds performance of 20W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Pre-wired with 1 metre of rubber insulated cable for ease of installation (500mm for 10W)
- PIR versions complete with manual override facility
- LED lifespan L70 25,000 hours
- Non-dimmable
- Bracket design allows installation without removing mounting bracket



AWZILED10 - AWZILED10/PIR



AWZILED20 - AWZILED20/PIR

	Code	Lamp	Description	Windage
Standard	AWZILED10	LED	10W - Cool White	0.02
PIR	AWZILED10/PIR	LED	10W c/w PIR - Cool White	0.02
Standard	AWZILED20	LED	20W - Cool White	0.04
PIR	AWZILED20/PIR	LED	20W c/w PIR - Cool White	0.04
Standard	AWZILED10/WW	LED	10W - Warm White	0.02
PIR	AWZILED10/WW/PIR	LED	10W c/w PIR - Warm White	0.02
Standard	AWZILED20/WW	LED	20W - Warm White	0.04
PIR	AWZILED20/WW/PIR	LED	20W c/w PIR - Warm White	0.04

LED Information

	Cool White	Warm White
Total (Watts)	10W	20W
Lumens Delivered		
10W	843lm	771lm
20W	1709lm	1575lm
Lm/W 10W	84lm	77lm
Lm/W 20W	90lm	83lm
CRI		Ra 70
CCT		4000K
		3000K
Input		230V
Hertz		50Hz
Operating Temp		-10°C to 40°C



Zion LED White Polycarbonate Floodlight

Supplied c/w Integral Driver

421

- Compact and economic polycarbonate LED floodlight
- 30W LED comparable light output of 35W HQI
- 50W LED exceeds performance of 70W HQI
- Polished faceted reflector and textured polycarbonate for optimum performance
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- PIR versions complete with manual override facility
- LED lifespan L70 25,000 hours
- Non-dimmable
- Bracket design allows installation without removing mounting bracket



PIR



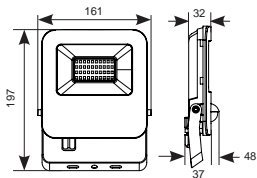
10 Metres Fixed
8 Seconds - 12 Minutes
0 - 1000 LUX
Detection Angle - 120°



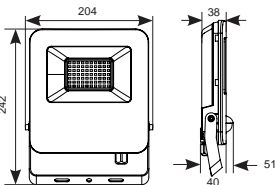
AWZILED30



AWZILED30/PIR



AWZILED30 - AWZILED30/PIR



AWZILED50 - AWZILED50/PIR



AWZILED50



AWZILED50/PIR

LED Information

Cool White Warm White

Total (Watts)	30W	
	50W	
Lumens Delivered		
30W	2614lm	2415lm
50W	4698lm	4198lm
Lm/W 30W	84lm	78lm
Lm/W 50W	94lm	84lm
CRI	Ra 70	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	

	Code	Lamp	Description	Windage
Standard	AWZILED30	LED	30W - Cool White	0.04
PIR	AWZILED30/PIR	LED	30W c/w PIR - Cool White	0.04
Standard	AWZILED50	LED	50W - Cool White	0.05
PIR	AWZILED50/PIR	LED	50W c/w PIR - Cool White	0.05
Standard	AWZILED30/WW	LED	30W - Warm White	0.04
PIR	AWZILED30/WW/PIR	LED	30W c/w PIR - Warm White	0.04
Standard	AWZILED50/WW	LED	50W - Warm White	0.05
PIR	AWZILED50/WW/PIR	LED	50W c/w PIR - Warm White	0.05



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Calinor LED Polycarbonate Floodlight

Supplied c/w Integral Driver



ACALED10



5 - 12 Metres
10 Seconds - 8 Minutes
3 Lux - PC Off
Detection Angle - 120°



ACALED10/PIR

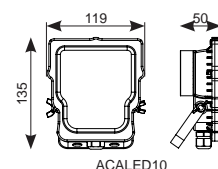


ACALED20

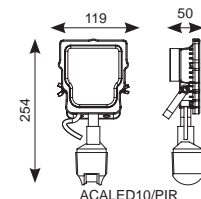


ACALED20/PIR

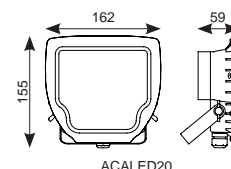
- Compact and economic polycarbonate LED floodlight
- Warm and Cool white options
- 10W LED ideal for halogen replacement
20W LED exceeds performance of 20W HQI
- Polished faceted reflector and textured glass for optimum performance
- Pre-wired with 1 metre of rubber insulated cable for ease of installation (500mm for 10W)
- PIR versions complete with manual override facility
- LED lifespan L70 20,000 hours
- Non-dimmable



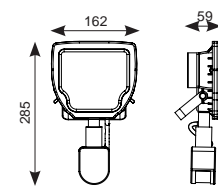
ACALED10



ACALED10/PIR



ACALED20



ACALED20/PIR

LED Information

Cool White Warm White

Total (Watts)	10W	20W
---------------	-----	-----

Lumens Delivered

10W	942lm	892lm
20W	1924lm	1807lm
Lm/W 10W	94lm	89lm
Lm/W 20W	96lm	90lm

CRI Ra 80

CCT 4000K

3000K

Input 230V

Hertz 50Hz

Operating Temp -15°C to 40°C

	Code	Lamp	Description	Windage
Standard	ACALED10	LED	10W - Cool White	0.02
PIR	ACALED10/PIR	LED	10W c/w PIR - Cool White	0.04
Standard	ACALED20	LED	20W - Cool White	0.03
PIR	ACALED20/PIR	LED	20W c/w PIR - Cool White	0.05
Standard	ACALED10/WW	LED	10W - Warm White	0.02
PIR	ACALED10/WW/PIR	LED	10W c/w PIR - Warm White	0.04
Standard	ACALED20/WW	LED	20W - Warm White	0.03
PIR	ACALED20/WW/PIR	LED	20W c/w PIR - Warm White	0.05



Calinor LED Polycarbonate Floodlight

Supplied c/w Integral Driver

- Compact and economic polycarbonate LED floodlight
- Warm and Cool white options
- 30W LED comparable light output of 35W HQI
50W LED exceeds performance of 70W HQI
- Polished faceted reflector and textured glass for optimum performance
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- PIR versions complete with manual override facility
- LED lifespan L70 20,000 hours
- Non-dimmable



423



5 - 12 Metres
10 Seconds - 8 Minutes
3 Lux - PC Off
Detection Angle - 120°



ACALED30



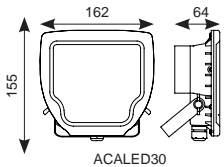
ACALED30/PIR



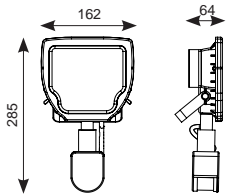
ACALED50



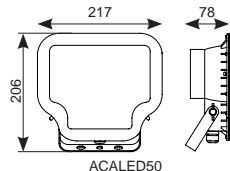
ACALED50/PIR



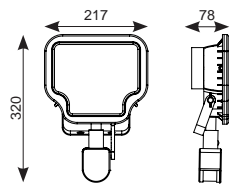
ACALED30



ACALED30/PIR



ACALED50



ACALED50/PIR

LED Information

Cool White Warm White

Total (Watts)	30W	50W
Lumens Delivered		
30W	2708lm	2701lm
50W	4770lm	4511lm
Lm/W 30W	97lm	97lm
Lm/W 50W	99lm	94lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-15°C to 40°C	

	Code	Lamp	Description	Windage
Standard	ACALED30	LED	30W - Cool White	0.03
PIR	ACALED30/PIR	LED	30W c/w PIR - Cool White	0.05
Standard	ACALED50	LED	50W - Cool White	0.05
PIR	ACALED50/PIR	LED	50W c/w PIR - Cool White	0.07
Standard	ACALED30/WW	LED	30W - Warm White	0.03
PIR	ACALED30/WW/PIR	LED	30W c/w PIR - Warm White	0.05
Standard	ACALED50/WW	LED	50W - Warm White	0.05
PIR	ACALED50/WW/PIR	LED	50W c/w PIR - Warm White	0.07



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Eden LED Floodlight

Supplied c/w Integral Driver



AEDELED10/CW



AEDELED10/WW/PIR



AEDELED20/WW

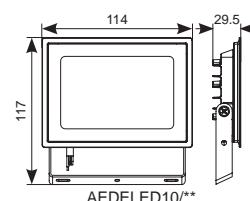


AEDELED20/WW/PIR

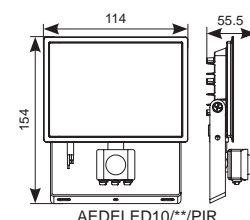


10 Metres
10 Seconds - 7 Minutes
3 - 2000 LUX
Detection Angle - 120°

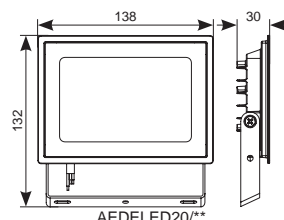
- Compact and economic aluminium LED floodlight
- 10W ideal for halogen replacement
- 20W exceeds performance of 20W HQI
- Bracket design allows installation without removing mounting bracket
- PIR versions complete with manual override facility
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Cool white and warm white options available
- LED lifespan L90 36,000 hours
- Non-dimmable



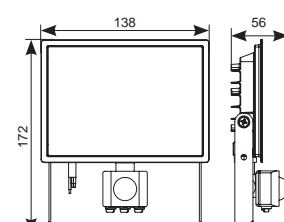
AEDELED10/WW



AEDELED10/WW/PIR



AEDELED20/WW



AEDELED20/WW/PIR

LED Information

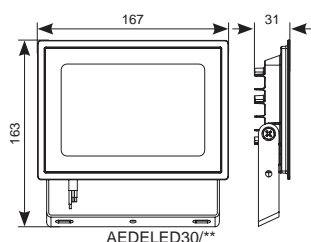
	Cool White	Warm White
Total (Watts)	10W	20W
Lumens Delivered		
10W	953lm	894lm
20W	1834lm	1720lm
Lm/W 10W	95lm	89lm
Lm/W 20W	92lm	86lm
CRI	Ra 80	
CCT	4000K	
	3000K	
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-20°C to 40°C	

	Code	Lamp	Description	Windage
Standard	AEDELED10/CW	LED	10W - Cool White	0.02
PIR	AEDELED10/CW/PIR	LED	10W c/w PIR - Cool White	0.02
Standard	AEDELED20/CW	LED	20W - Cool White	0.02
PIR	AEDELED20/CW/PIR	LED	20W c/w PIR - Cool White	0.03
Standard	AEDELED10/WW	LED	10W - Warm White	0.02
PIR	AEDELED10/WW/PIR	LED	10W c/w PIR - Warm White	0.02
Standard	AEDELED20/WW	LED	20W - Warm White	0.02
PIR	AEDELED20/WW/PIR	LED	20W c/w PIR - Warm White	0.03

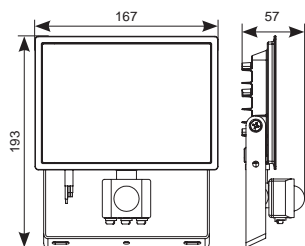
Eden LED Floodlight

Supplied c/w Integral Driver

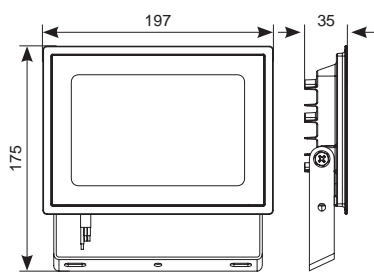
- Compact and economic aluminium LED floodlight
- 30W comparable light output of 35W HQI
- 50W comparable light output of 70W HQI
- Bracket design allows installation without removing mounting bracket
- PIR versions complete with manual override facility
- Pre-wired with 1 metre of rubber insulated cable for ease of installation
- Cool white and warm white options available
- LED lifespan L90 36,000 hours
- Non-dimmable



AEDELED30/**



AEDELED30/**/PIR



AEDELED50/**

LED Information

Cool White Warm White

Total (Watts)		30W
		50W
Lumens Delivered		
30W	2762lm	2547lm
50W	4359lm	3917lm
Lm/W 30W	92lm	85lm
Lm/W 50W	87lm	78lm
CRI		Ra 80
CCT		4000K
		3000K
Input		220-240V
Hertz		50/60Hz
Operating Temp		-20°C to 40°C



425



10 Metres
10 Seconds - 7 Minutes
3 - 2000 LUX
Detection Angle - 120°



AEDELED30/CW



AEDELED30/WW/PIR



AEDELED50/CW

	Code	Lamp	Description	Windage
Standard	AEDELED30/CW	LED	30W - Cool White	0.03
PIR	AEDELED30/CW/PIR	LED	30W - c/w PIR - Cool White	0.04
Standard	AEDELED50/CW	LED	50W - Cool White	0.04
PIR	AEDELED50/CW/PIR	LED	50W - c/w PIR - Cool White	0.04
Standard	AEDELED30/WW	LED	30W - Warm White	0.03
PIR	AEDELED30/WW/PIR	LED	30W c/w PIR - Warm White	0.04
Standard	AEDELED50/WW	LED	50W - Warm White	0.04
PIR	AEDELED50/WW/PIR	LED	50W - c/w PIR - Warm White	0.04



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Lynx Mini LED CCT Wallpack

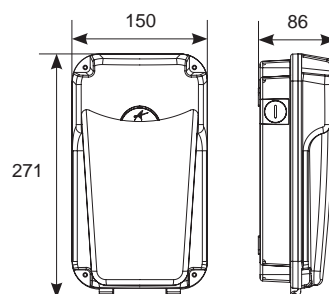
Supplied c/w Integral Driver



Powered by
TRIDONIC
▼ enlightening your ideas



- Robust compact wall mounted luminaire for general accent illumination
- All polycarbonate vandal resistant body with fresnel lens
- Tamper-proof allen key screws supplied as standard
- Multiple conduit entry and BESA box fixing points
- Selectable CCT between 3000K and 4000K output
- Photocell and sensor options
- LED lifespan L70 56,000 hours



LED Information

Total (Watts)	15W
Lumens Delivered	
Cool White	1446lm
Warm White	1172lm
Lm/W	
Cool White	96lm
Warm White	78lm
CRI	Ra 80
CCT	4000K 3000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C

Code	Lamp	Description
AMLWPLED/CCT	LED	15W - Cool White/Warm White

Options	/PC	Electronic Photocell
	/MWS	Integral Microwave Sensor



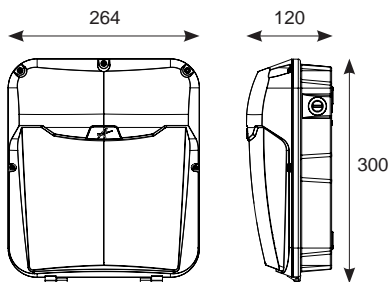
Lynx LED Wallpack

Supplied c/w Integral Driver



427

- Robust wall mounted luminaire for general accent illumination
- Integral emergency option provides downward illumination with a beam angle of 60°
- Die-cast aluminium body with vandal resistant polycarbonate Fresnel lens diffuser
- Tamper-proof allen key screws supplied as standard
- Multiple conduit entry and BESA box fixing points
- Photocell and sensor options
- LED lifespan L70 56,000 hours



LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	2073lm
Warm White	1935lm
Lm/W	
Cool White	71lm
Warm White	67lm
CRI	Ra 80
CCT	4000K
	3000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C



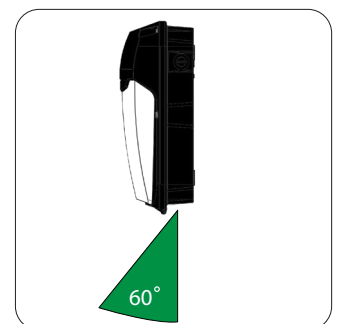
Powered by
TRIDONIC
enlightening your ideas



Emergency Standby



Emergency Operation



Emergency Mode Beam Angle

Code	Lamp	Description
ALWPLED	LED	29W - Cool White
ALWPLED/WW	LED	29W - Warm White

Options	/PC	Electronic Photocell
	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

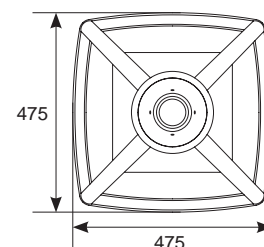
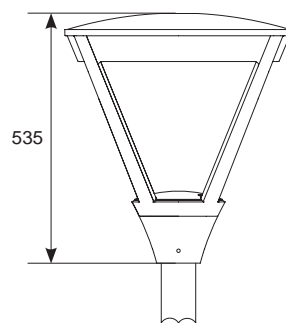


Asuri LED Post Top

Supplied c/w Integral Driver



- Modern die-cast aluminium post top lantern
- Electrostatic paint finish for enhanced corrosion resistance
- Ideal for large car parks and large open areas
- Suitable for residential and commercial use
- Adjustable spigot bracket 50-76mm supplied as standard
- Powered by Philips
- LED lifespan L70 50,000 hours



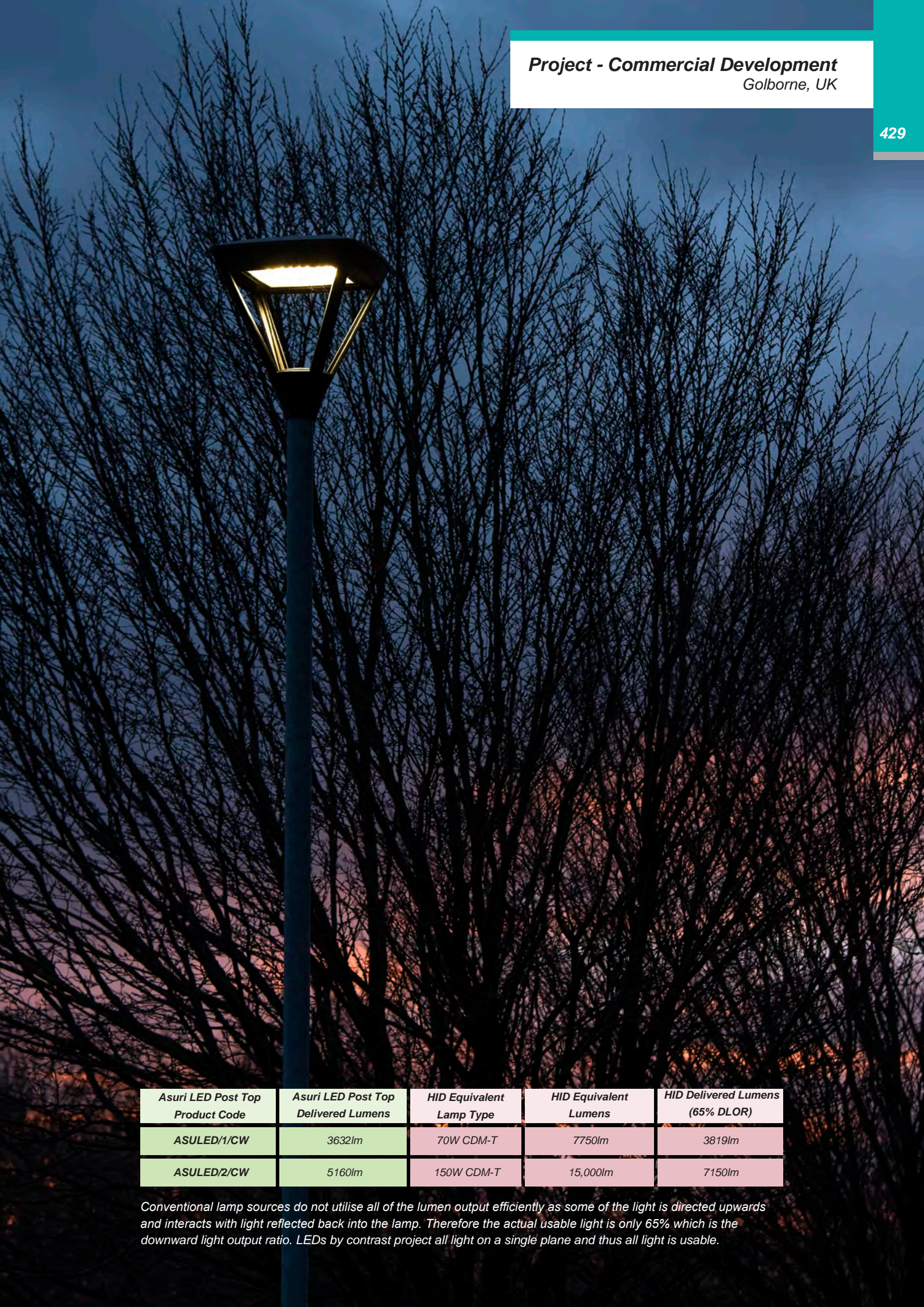
LED Information

Total (Watt)	42W	63W
Lumens Delivered		
Cool White	3632lm	5160lm
Warm White	3060lm	4350lm
Lm/W		
Cool White	86lm	82lm
Warm White	77lm	73lm
CRI	Ra 70	
CCT	4000K	
	3000K	
Input	100/240V	
Hertz	50Hz	
Operating Temp	-40°C to 55°C	

Code	Lamp	Description	Windage
ASULED/1/CW	LED	42W - Cool White	0.08
ASULED/2/CW	LED	63W - Cool White	0.08
ASULED/1/WW	LED	42W - Warm White	0.08
ASULED/2/WW	LED	63W - Warm White	0.08

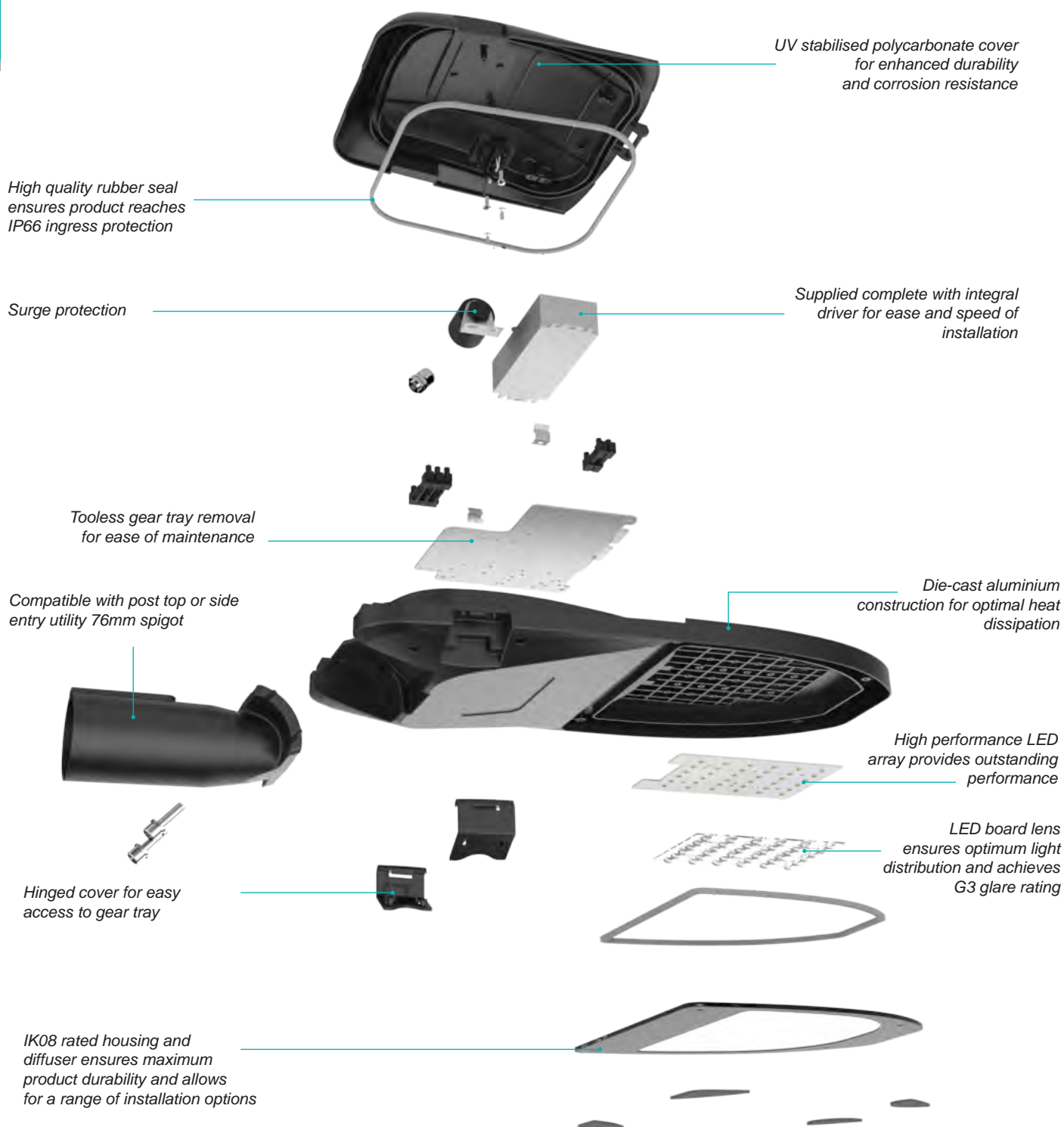
Options	/PC	Electronic Photocell
---------	-----	----------------------





Asuri LED Post Top Product Code	Asuri LED Post Top Delivered Lumens	HID Equivalent Lamp Type	HID Equivalent Lumens	HID Delivered Lumens (65% DLOR)
ASULED/1/CW	3632lm	70W CDM-T	7750lm	3819lm
ASULED/2/CW	5160lm	150W CDM-T	15,000lm	7150lm

Conventional lamp sources do not utilise all of the lumen output efficiently as some of the light is directed upwards and interacts with light reflected back into the lamp. Therefore the actual usable light is only 65% which is the downward light output ratio. LEDs by contrast project all light on a single plane and thus all light is usable.



Onix LED Street Light Product Code	Onix LED Street Light Delivered Lumens	HID Equivalent Lamp Type	HID Equivalent Lumens	HID Delivered Lumens (65% DLOR)
AONIXLED1	1974lm	35W CDM-T	4000lm	2528lm
AONIXLED2	3936lm	70W HQI-E	5300lm	3816lm
AONIXLED3	6167lm	100W HQI-E	8100lm	6035lm
AONIXLED4	8222lm	150W HQI-E	13,300lm	8606lm

Conventional lamp sources do not utilise all of the lumen output efficiently as some of the light is directed upwards and interacts with light reflected back into the lamp. Therefore the actual usable light is only 65% which is the downward light output ratio. LEDs by contrast project all light on a single plane and thus all light is usable.

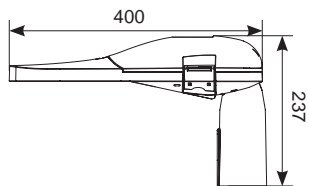
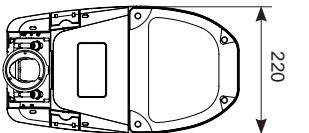
Onix LED Street Light

Supplied c/w Integral Driver

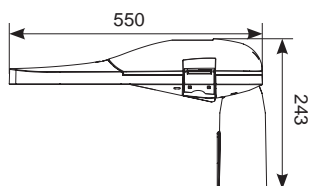
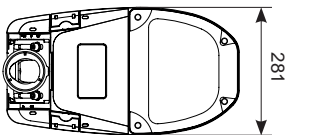
- Die-cast aluminium construction for optimal heat dissipation and performance
- UV stabilized polycarbonate cover
- Toolless gear tray removal for ease of maintenance
- Built in anti-tamper isolation facility
- Compatible with post top or side entry utility 76mm spigot
- G3 Glare Rating
- Surge protection
- Available in standard, complete with photocell option
- LED lifespan L70 50,000 hours



431



AONIXLED/1 - AONIXLED/2



AONIXLED/3 - AONIXLED/4



AONIXLED/1 - AONIXLED/2



AONIXLED/3 - AONIXLED/4



Adjustable 48-60mm Spigot bracket

LED Information

Total (Watts)	20W 60W
	40W 80W
Lumens Delivered	1974lm 6167lm
	3936lm 8222lm
Lm/W	104lm 103lm
	98lm 103lm
CRI	Ra 70
CCT	5000K
Input	100/240V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	Windage
AONIXLED/1	LED	20W - Cool White	0.04
AONIXLED/2	LED	40W - Cool White	0.04
AONIXLED/3	LED	60W - Cool White	0.07
AONIXLED/4	LED	80W - Cool White	0.07

Options	/PC	Electronic Photocell
---------	-----	----------------------

Accessories	AONIXLED/SBA	48-60mm Spigot Bracket
	AONIXLED/WB	Wall Bracket



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750







Project

Skynet - Wilmslow, UK



Z LED High Bay UFO p439



437

Deco LED High Bay



439

*Z LED
High Bay UFO*



440

ForceLINE LED



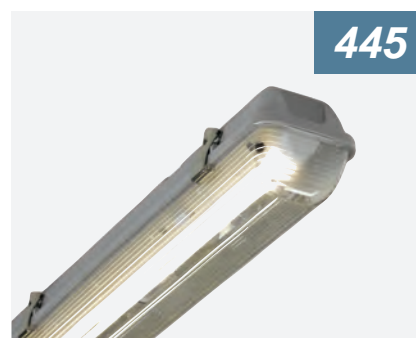
442

Opti-Lux LED Linear



443

*Pre-Wired T8 Non-
Corrosive for LED Tubes*



445

*Stormloc LED
Non-Corrosive*



*Tornado Pro LED
Non-Corrosive*



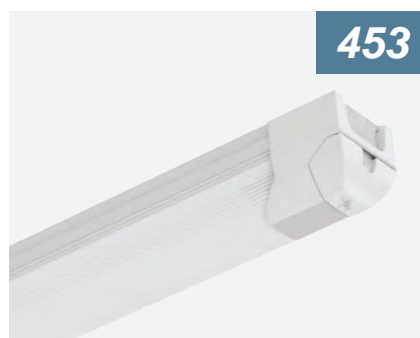
*Tornado LED
Non-Corrosive*



*Tornado LED 110V
Non-Corrosive*



*Sleek LED 110V
Bulkhead*



Airbeam LED Batten



Topline 6 LED Batten



Designed to
Deliver...

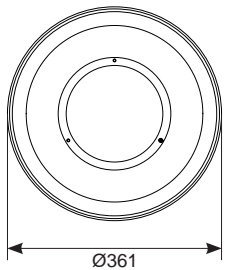
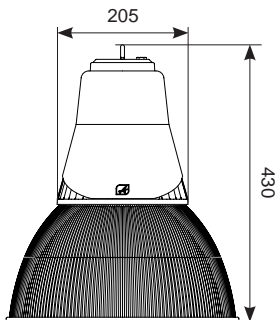
Deco High Bay LED

Supplied c/w Integral Driver



437

- Decorative modern LED pendant supplied with either polycarbonate refractor or aluminium reflector
- Suitable for industrial, commercial and retail applications
- 41W exceeds performance of 70W HQI
- 96W exceeds performance of 150W HQI
- Matt grey textured powder coated finish
- LED lifespan L70 54,000 hours



LED Information

Total (Watts)	41W	96W
Lumens Delivered		
/ALU	4760lm	10437lm
/PC	4678lm	10375lm
Lm/W		
/ALU	114lm	109lm
/PC	116lm	108lm
Beam Angle		
/PC		68°
/ALU		63°
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50/60Hz
Operating Temp		-20°C to 25°C



ADHBLD1/PC

Powered by
TRIDONIC
enlightening your ideas



ADHBLD2/ALU

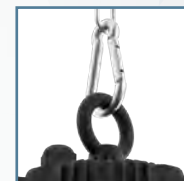
Code	Lamp	Description
ADHBLD1/PC	LED	41W - c/w PC Refractor
ADHBLD2/PC	LED	96W - c/w PC Refractor
ADHBLD1/ALU	LED	41W - c/w Aluminium Reflector
ADHBLD2/ALU	LED	96W - c/w Aluminium Reflector
Options	/DD	Digital dimming (DD1/DD2/DD3/DD4)
Accessories	ADHBLD/PC/BC	PC Bottom Cover (360mm)
	ADHBLD/SK	Suspension Kit

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Z LEDTM UFO

Pre-wired with 3m of H07RN-F cable for ease and speed of installation



Supplied eye bolt aiding speedy point-for-point installation

IK08 Impact Rating

Robust die-cast body for any application

Highly effective die-cast aluminium heat sink for optimum heat dispersion

High efficiency LED packages and wide beam angles to suit a wide range of applications

Silicone Gasket provides IP65 Ingress Protection

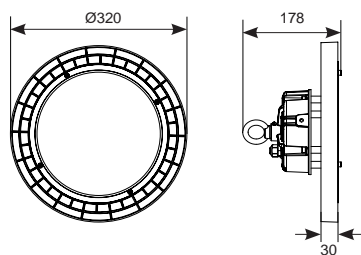
Polycarbonate diffuser offers durable protection

316L stainless steel allen bolts for protection against corrosion

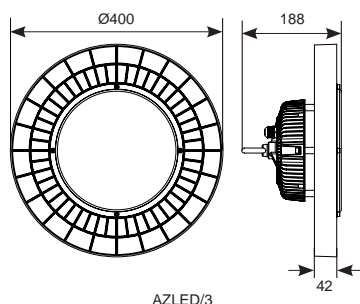
Z LED UFO Product Code	Z LED UFO (4000K) Delivered Lumens	HID Equivalent Lamp Type	HID Equivalent Lumens	HID Delivered Lumens (65% DLOR)
AZLED/1	11858lm	150W HQI-E	13,300lm	8645lm
AZLED/2	18443lm	250W HQI-E	23,800lm	15470lm
AZLED/3	23965lm	400W HQI-E	41,000lm	26650lm

Conventional lamp sources do not utilise all of the lumen output efficiently as some of the light is directed upwards and interacts with light reflected back into the lamp. Therefore the actual usable light is only 65% which is the downward light output ratio. LEDs by contrast project all light on a single plane and thus all light is usable.

- Robust LED low/high bay for industrial, commercial and retail applications
- 1-10V dimmable as standard
- Pre-wired with 3m of H07RN-F cable for ease and speed of installation
- Microwave sensor programmer available for versatile commissioning
- Alternative installation options by means of drop rods, jack chain / catenary wire
- 96W comparable to 150W HQI
- 146W comparable to 250W HQI
- 197W comparable to 400W HQI
- Die-cast powder coated construction and heatsink for optimum thermal performance
- TP(a) as standard
- LED lifespan L70 50,000 hours



AZLED/1 + AZLED/2



AZLED/3

LED Information

Total (Watts)	96W 146W 197W	
Lumens Delivered	4000K	6500K
96W	12090lm	12593lm
146W	19224lm	19064lm
197W	25292lm	26409lm
Lm/W		
96W	128lm	130lm
146W	131lm	127lm
197W	128lm	129lm
CRI	Ra 80	
CCT	4000K 6500K	
Input	200V-240V	
Hertz	50/60Hz	
Operating Temp	-40°C to 40°C	



Z LED High Bay UFO

Supplied c/w Integral Driver



439



AZLED/REF -
Aluminium Reflector



AZLED/FB1 -
Mounting Bracket Accessory



AZLED/MWS - Microwave Sensor Fitted

Microwave Sensor

- IP65 Rated Enclosure.
- 3M - 15M Mounting height ideal for any low to high level mounting heights.
- Automatic 1-10V Dimming with time delay and pre-set dimming levels to select.
- Built-in daylight sensor for enhanced energy saving via daylight harvesting.
- Dip-switch or remote control commissioning allows for versatile sensor programming; options include, Hold Time, Stand-By Dim Level, Daylight Sensor and many more.

Code	Lamp	Description
AZLED/1	LED	96W - Cool White
AZLED/2	LED	146W - Cool White
AZLED/3	LED	197W - Cool White

AZLED/1/DL	LED	98W - Daylight
AZLED/2/DL	LED	151W - Daylight
AZLED/3/DL	LED	198W - Daylight

Options	/M3	Emergency
	/MWS	Microwave Sensor

Accessories	AZLED/REF	Aluminium Reflector
	AZLED/FB1	Mounting Bracket Accessory Z-LED LED Highbay
	AZLED/MWSP	High Bay Microwave Sensor Programmer

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

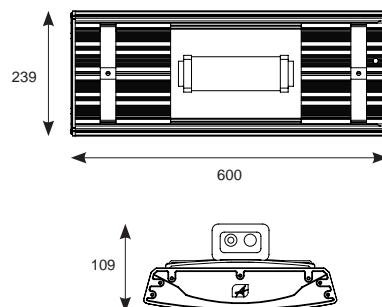


ForceLINE LED

Supplied c/w Integral Driver



- Powerful and robust IP65 low/high bay, perfect for the demands of industrial applications
- Mounting brackets supplied as standard for droprod or chain/wire installation
- Comparable to 4 x 55W PL
- Powered by Philips
- Die-cast aluminium construction provides enhanced thermal performance for longer LED lifespan
- Anti-glare polycarbonate diffuser maximises performance and light output
- LED lifespan L70 51,000 hours



Code	Lamp	Description
AFLLED2	LED	156W - Cool White

Options	/M3	Emergency
	/SM3	Self-Test emergency
	/DM3	DALI emergency
	/DD	Digital Dimming (DD1/DD3/DD4)
	/MWS	Integral Microwave Sensor

LED Information

Total (Watts)	156W
Lumens Delivered	15474lm
Lm/W	99lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 50°C



—FORCE LINE^{LED}

441

Optional Microwave sensor accessory

Hytronik high frequency motion sensor
Hold time: 5secs - 30mins
LUX: 2 - 50 lux
Detection Range: 12m

*Powered by Philips
Xitanium driver*

*High quality die-cast
end caps.*

*Aluminium extruded
housing for thermal
management to achieve
longer LED lifespan*

*Latest LED chips for
maximum efficiency
and performance*

*Silicone gasket provides
IP65 ingress protection*

*Anti glare polycarbonate diffuser
maximises performance and light
distribution*

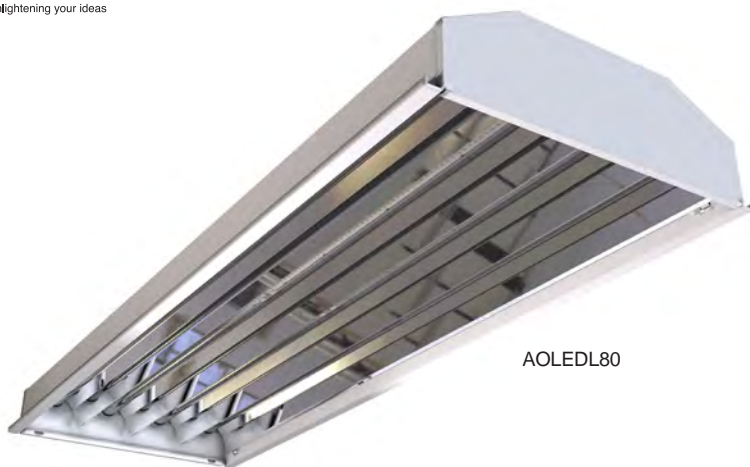
Opti-Lux LED Linear

Supplied c/w Integral Driver



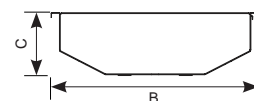
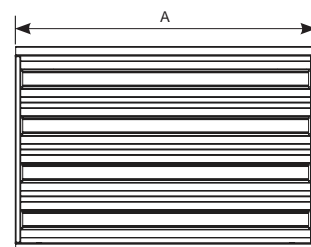
AOEDL55

Powered by
TRIDONIC
▼ enlightening your ideas



AOEDL80

- LED Low / High Bay suitable for industrial and commercial applications
- 92W performance comparable to 4x55W PL
- 160W exceeds performance of 4x49W T5
- Instant light output and unlimited switching
- Supplied c/w 3 metre catenary suspension kit
- Mild Steel powder coat construction
- Mirror finished reflector optimises light output for maximum efficiency
- LED lifespan L70 54,000 hours
- On site commissioning recommended for all installations incorporating sensors



Code	Lamp	Description	A	B	C
AOEDL55	LED	92W - Cool White	615	410	120
AOEDL80	LED	160W - Cool White	1455	410	120
AOCONTROLLER		Sensor Hand Controller			
AOCOMMISSION		On-site Commissioning per day			

Options	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/SEN1	Presence Detector
	/SEN3	Presence Detector and Daylight Dimming

Accessories	AOEDL55/WG	Wire Guard (615mm)
	AOEDL80/WG	Wire Guard (1455mm)

LED Information

Total (Watts)	92W
	160W

Lumens Delivered	
92W	12386lm
160W	19236lm

Lm/W 92W	135lm
Lm/W 160W	120lm

CRI	Ra 80
------------	-------

CCT	4000K
------------	-------

Input	220/240V
--------------	----------

Hertz	50/60Hz
--------------	---------

Operating Temp	-20°C to 50°C
-----------------------	---------------



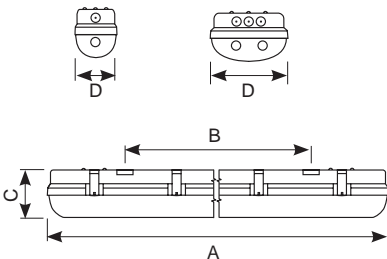
IP65 T8 Pre-Wired Non Corrosive For LED Tubes

Non Corrosive supplied Less Control Gear and Lamp



443

- Mains Voltage Non Corrosive for Ansell T8 LED Tubes
- Fixture supplied with lockable stainless steel clips as standard



Code	Lamp	Description	A	B	C	D	Clips
ADP2	LED	1 x 600mm for LED Tube	655	478	110	105	4
ADP4	LED	1 x 1200mm for LED Tube	1265	907	110	105	8
ADP5	LED	1 x 1500mm for LED Tube	1565	907	110	105	10
ADP2X2	LED	2 x 600mm for LED Tube	655	478	110	165	4
ADP2X4	LED	2 x 1200mm for LED Tube	1265	907	110	165	8
ADP2X5	LED	2 x 1500mm for LED Tube	1565	907	110	165	10



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



StormlocTM ELEMENT PROTECTION **LED**

Unique design of brackets for BESA box mounting or direct ceiling mounting

UV stabilised polycarbonate base for durability and strength

Heavy duty lockable stainless steel clips as standard

TRIDONIC
and Philips drivers
(dimnable option available)

Integral microwave sensor option

Dedicated LED circuit for integral Self-Test emergency option

Two fused terminal blocks for surge protection

Aluminium gear tray for thermal management to maximise lifetime of LED array

Latest LED chips for maximum performance and efficiency

Visiluxe optical lens maximises performance and light distribution

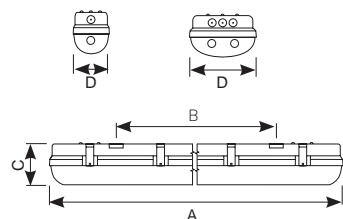
Optical lens securing end cap

Provides appearance of traditional fluorescent

Shockproof polycarbonate diffuser for high durability and strength



- Up to 48% energy saving compared to T8 fluorescent
- Light output exceeds performance of T8 and T5 fluorescent by up to 37%
- LED performance allows point for point replacement of existing fluorescent luminaires
- Internal linear Visiluxe optical lens for maximum performance and light distribution. Provides appearance of traditional fluorescent
- Instant light output with unlimited switching
- Unique luminaire fixing clip design allows option of mounting onto BESA box or directly onto ceiling surfaces
- Lockable heavy duty stainless steel clips supplied as standard for added safety and security
- Polycarbonate base and diffuser maximises durability and strength
- Powered by Philips and Tridonic drivers
- Self-test emergency as standard
- CorridorFUNCTION for dimmable microwave sensor models
- LED lifespan
L70 56,000 hours



LED Information

Total (Watts)	20W	39W
	29W	58W
	46W	86W
Lumens Delivered	2440lm	4698lm
	3534lm	6978lm
	3652lm	7109lm
Lm/W	122lm	120lm
	122lm	120lm
	79lm	83lm
CRI		Ra 80
CCT		4000K
Input		230V
Hertz		50Hz
Operating Temp		-20°C to 40°C



Stormloc IP65 LED Non-Corrosive

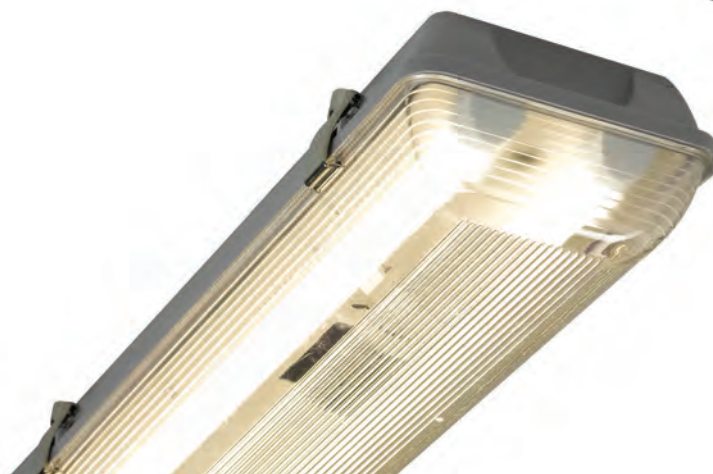
Supplied c/w Integral Driver



445



Internal high performance optical lens



Code	Lamp	Description	A	B	C	D
ASLED4	LED	20W	1265	907	110	105
ASLED5	LED	29W	1565	907	110	105
ASLED6	LED	46W	1858	1170	110	105
ASLED2X4	LED	39W	1265	907	110	165
ASLED2X5	LED	58W	1565	907	110	165
ASLED2X6	LED	86W	1858	1170	110	165

Options

/M3	Self-Test Emergency
/DD	Digital Dimming (DD1/DD2/DD3/DD4)
/MWS	Integral Microwave Sensor

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Tornado Pro LED Non-Corrosive

Supplied c/w Integral Driver



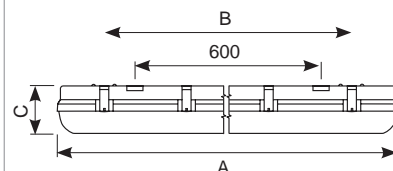
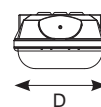
Stainless
Steel
Clips as
standard



Tornado Pro
ELEMENT PROTECTION LED

Powered by
TRIDONIC
▼ enlightening your ideas

- Exceeds performance of standard T5 fluorescent
- Ultra slim IP65 LED NCF linear.
- Unique base design caters for multiple installation methods.
- Installer friendly imbedded features aid accurate and fast installation for any application.
- Quick release LED array / gear tray assembly provides the installer the means to faster installation / maintenance.
- Fast latching / permanently located stainless steel side clips ensure a quick and secure connection
- Tridonic LED driver as standard
- Self-test emergency as standard with Li-ion battery technology, reducing charge time and running costs
- LED lifespan
L80 B10 54,000 hours



Code	Lamp	Description	A	B	C	D
ATORPLED4	LED	20W	1265	860	70	85
ATORPLED5	LED	29W	1565	960	70	85
ATORPLED6	LED	35W	1865	1200	70	85
ATORPLED2X4	LED	41W	1265	860	70	115
ATORPLED2X5	LED	61W	1565	960	70	115
ATORPLED2X6	LED	78W	1865	1200	70	115

Options	/M3	Self-Test emergency
	/DM3	DALI emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

LED Information

Total (Watts)	20W	41W
	29W	61W
	35W	78W
Lumens Delivered	2331lm	4457lm
	3209lm	6314lm
	3702lm	8204lm
Lm/W	117lm	109lm
	111lm	104lm
	106lm	105lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	



Tornado Pro

ELEMENT PROTECTION **LED**

447



Tornado IP65 LED Non-Corrosive

Supplied c/w Integral Driver



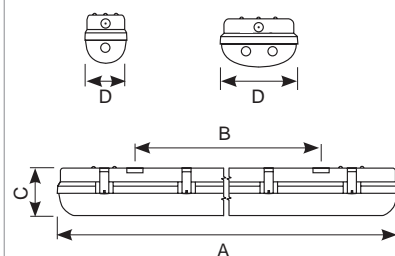
Stainless Steel Clips as standard



Tornado
ELEMENT PROTECTION LED



- LED Performance allows point-to-point replacement of existing fluorescent luminaires
- Light output exceeds performance of T8 and T5 fluorescent
- Unique luminaire fixing clip design allows option of mounting onto BESA box
- Lockable heavy-duty stainless steel clips supplied as standard for added safety and security
- Self-test emergency as standard
- LED lifespan L70 30,000 hours



Code	Lamp	Description	A	B	C	D
ATORLED4	LED	20W	1266	860	75	85
ATORLED5	LED	28W	1566	960	75	85
ATORLED6	LED	35W	1866	1030	80	85
ATORLED2X4	LED	40W	1266	860	75	118
ATORLED2X5	LED	58W	1566	960	75	118
ATORLED2X6	LED	71W	1855	1030	80	118

Options	/M3	Self-Test Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

LED Information

Total (Watts)	20W	40W
	28W	58W
	35W	71W
Lumens Delivered	2088lm	4425lm
	3230lm	6353lm
	3823lm	7320lm
Lm/W	104lm	110lm
	115lm	110lm
	109lm	103lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	





Project - Source Park
Hasting, UK

Tornado 110V LED

Supplied c/w Integral Driver



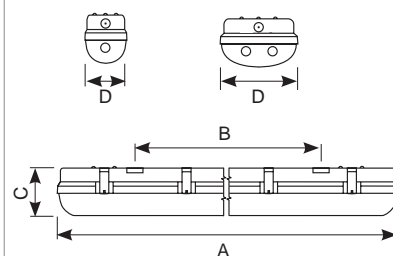
Stainless
Steel
Clips as
standard



Tornado
ELEMENT PROTECTION **LED**



- LED Performance allows point-to-point replacement of existing fluorescent luminaires
- Suitable for all types of 110V site lighting
- Light output exceeds performance of T8 and T5 fluorescent
- Unique luminaire fixing clip design allows option of mounting onto BESA box
- Lockable heavy-duty stainless steel clips supplied as standard for added safety and security
- Self-test emergency as standard
- LED lifespan L70 30,000 hours
- Non-dimmable



LED Information

Total (Watts)	10W	20W
	20W	40W
	28W	58W
Lumens Delivered	1164lm	2297lm
	2088lm	4225lm
	3230lm	6353lm
Lm/W	118lm	118lm
	104lm	110lm
	115lm	110lm
CRI	Ra 80	
CCT	4000K	
Input	100/240V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	

Code	Lamp	Description	A	B	C	D
ATORLED2/110V	LED	10W	656	360	75	85
ATORLED4/110V	LED	20W	1266	860	75	85
ATORLED5/110V	LED	28W	1566	960	75	85
ATORLED2X2/110V	LED	20W	656	360	75	118
ATORLED2X4/110V	LED	40W	1266	860	75	118
ATORLED2X5/110V	LED	58W	1566	960	75	118

Options	/M3	Self-Test Emergency
	/MWS	Integral Microwave Sensor



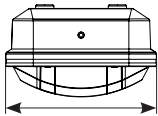
Sleek LED 110V Polycarbonate Bulkhead

Supplied c/w Integral Driver

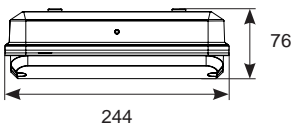


451

- All polycarbonate multi-purpose bulkhead
- Exceeds performance of 9W PL
- Unique Visiluxe diffuser allows 90% light transmission from LED source for increased performance
- Suitable for all types of site lighting
- Instant light output and unlimited switching
- Red diffuser accessory available for applications that require warning indication luminaires
- LED lifespan L70 56,000 hours
- Non-dimmable



124



244



Sleek 110V fitted with red polycarbonate Lens accessory

LED Information

Total (Watts)	5W
Lumens Delivered	424lm
Lm/W	85lm
CRI	Ra 80
CCT	4000K
Input	110V
Hertz	50Hz
Operating Temp	-10°C to 40°C



Code	Lamp	Description
ASBLED/110V	LED	5W - Yellow Base
Options	/PC	Electronic Photocell
	/MWS	Integral Microwave Sensor
Accessory	ASBLED/DIFF/RED	Red Polycarbonate Lens

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



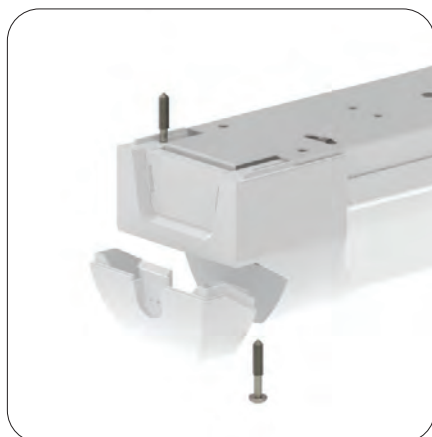
Installation Features



Push Release End Cap



20mm Conduit Entry Facility



End Cap Fixing Option



***Ceiling Mounting
Continuous Fixings***

- *Push and release end cap for quick access*

- *Connection option via 20mm conduit entry*

- *Optional fixing through end cap if required*
- *BESA box fixing as standard*

- *Unique ceiling mounting 'shunt' facility provides installer with flexibility and ease of adjustment when continuous mounting*

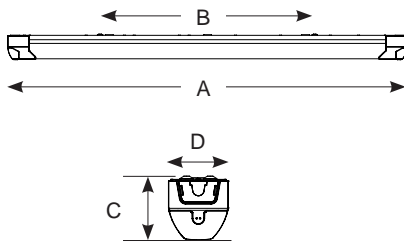
Airbeam LED Batten

Supplied c/w Integral Driver



453

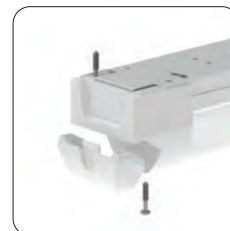
- High performance LED batten for multi-purpose applications
- Up to 56% energy saving compared to T8 fluorescent
- Powered by Philips and Tridonic drivers
- Steel body construction with powder coat finish
- Polycarbonate reeded diffuser and end caps
- Instant light output with unlimited switching
- Self-test emergency as standard
- CorridorFUNCTION for dimmable microwave sensor models
- LED lifespan L70 56,000 hours



Push Release End Cap



20mm Conduit Entry Facility



End Cap Fixing Option



Ceiling Mounting Continuous Fixings

LED Information

Total (Watts)	24W	52W
	33W	61W
	42W	84W
Lumens Delivered	2778lm	5517lm
	3608lm	6407lm
	4189lm	7910lm
Lm/W	116lm	106lm
	109lm	105lm
	100lm	94lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	0°C to 25°C	

	Code	Lamp	Description	A	B	C	D
Standard	ABLED4	LED	1 x 24W	1220	600	77	76
	ABLED5	LED	1 x 33W	1525	600	77	76
	ABLED6	LED	1 x 42W	1820	600	77	76
	ABLED2X4	LED	1 x 52W	1220	600	77	76
	ABLED2X5	LED	1 x 61W	1525	600	77	76
	ABLED2X6	LED	1 x 84W	1820	600	77	76

Options	/M3	Self-Test Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4 - ABLED2X6 Not Available)
	/MWS	Integral Microwave Sensor

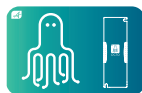


Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Topline 6 LED Batten

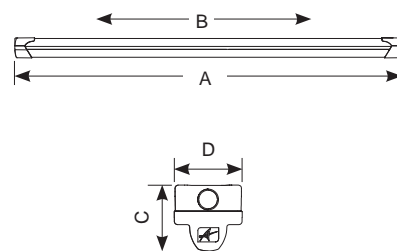
Supplied c/w Integral Driver



Powered by
TRIDONIC
▼ enlightening your ideas



- High performance LED batten for multi-purpose applications
- Exceeds performance of T5 equivalents
- Steel body construction with powder coat finish
- Unique opal diffuser design for optimum performance and light distribution
- Polycarbonate end caps
- Instant light output with unlimited switching
- Self-test emergency as standard
- LED lifespan L70 36,000 hours



Code	Lamp	Description	A	B	C	D
ATLLED4	LED	26W - Cool White	1220	600	65	65
ATLLED5	LED	34W - Cool White	1525	600	65	65
ATLLED6	LED	41W - Cool White	1745	600	65	65
ATLLED2X4	LED	47W - Cool White	1220	600	65	65
ATLLED2X5	LED	61W - Cool White	1525	600	65	65
ATLLED2X6	LED	72W - Cool White	1745	600	65	65

Options	/M3	Self-Test Emergency
	/MWS	Integral Microwave Sensor
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

LED Information

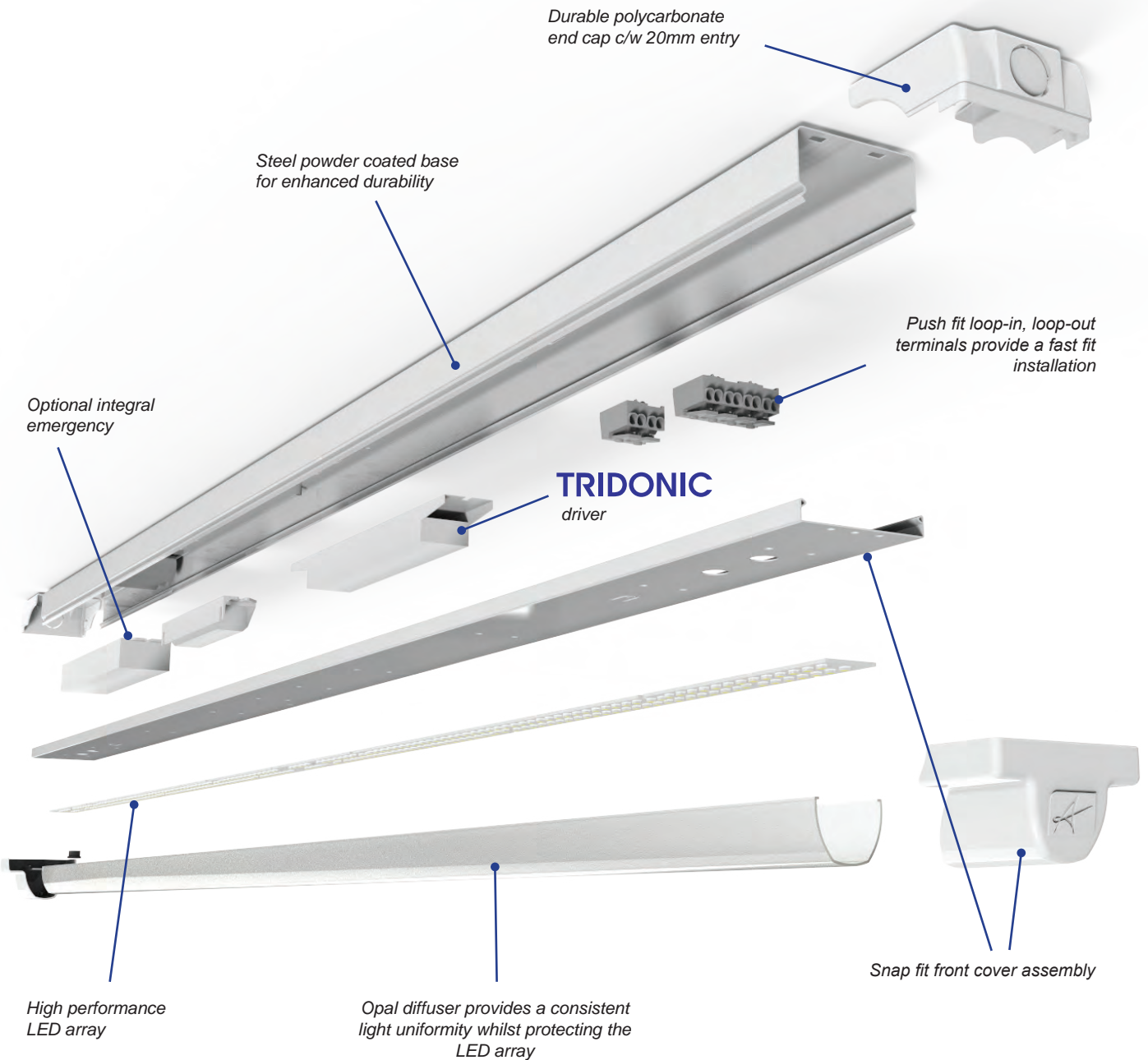
Total (Watts)	26W	47W
	34W	61W
	41W	72W
Lumens Delivered	2616lm	4939lm
	3656lm	6325lm
	4814lm	8232lm
Lm/W	100lm	105lm
	107lm	103lm
	117lm	114lm
CRI	Ra 80	
CCT	4000K	
Input	220/240V	
Hertz	50Hz	
Operating Temp	-10°C to 40°C	



TOP LINE 6™

LED Batten

455







Project

*Dudley College of Technology
West Midlands, UK*



Endurance LED Panel p480

Commercial



*Otto CCT LED
Suspended Linear*



*Millau LED
Suspended Linear*



*Vasco LED
Suspended Linear*



*Sidu LED
Suspended Linear*



*Eaves LED
Recessed Linear*



*Gemini LED
Surface Linear*



*Crescent LED
Surface Linear*



Suspended / Surface Linear



*Brooklyn LED
Bi-directional Panel*

475



*Spektrum LED CCT
Frame*

476



Recessed LED Panels

484



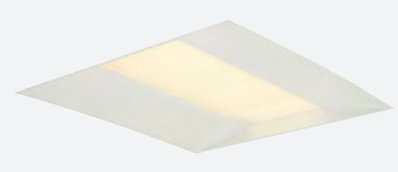
*Recessed LED
Panel Accessories*

486



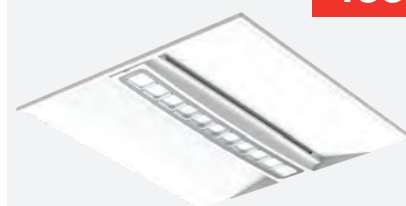
*IP65 Defender LED
Recessed Clean Air*

487



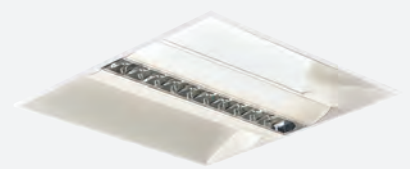
Lota LED Troffer

488



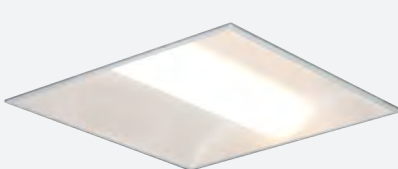
*Gridline Duo LED
Recessed Indirect*

489



*Venus LED
Recessed Indirect*

490



*Neptune CCT LED
Troffer*

491



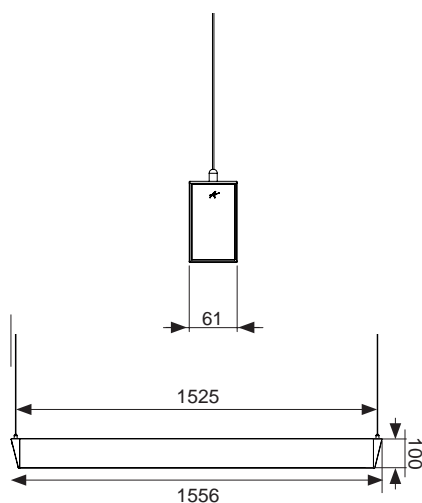
Pluto LED



Designed to
Deliver...

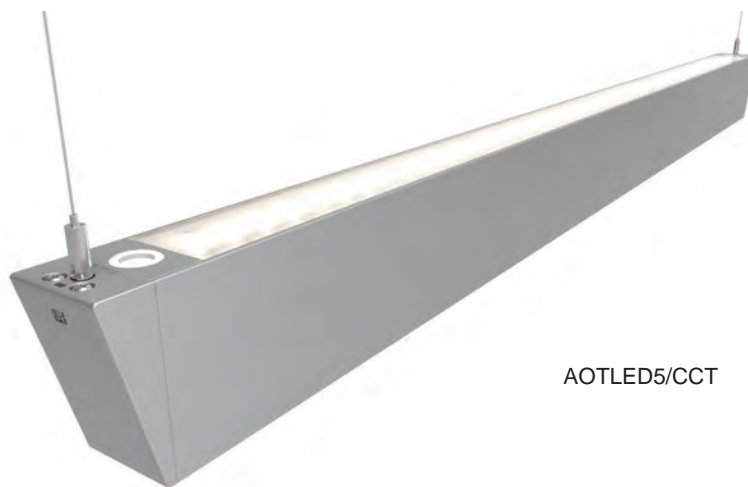


- Architectural suspended linear for office, retail and educational applications
- Die-Cast aluminum end caps
- Slim profile available in White (RAL9010) and Aluminium (RAL9006)
- Selectable CCT between 3000K and 4000K output
- Supplied bi-directional light output as standard (directional only option can be selected if required)
- Suitable for individual or continuous suspension
- Supplied c/w 1.5m suspension kit as standard
- Outperforms 28W and T5 fluorescent equivalent
- LED lifespan LM80 42,000 hours



LED Information

Total (Watts)	45W	86W
Lumens Delivered		
Cool White	4052lm	7487lm
Warm White	3861lm	7185lm
Lm/W		
Cool White	92lm	86lm
Warm White	86lm	84lm
CRI		Ra 80
CCT		4000K 3000K
Input		230V
Hertz		50/60Hz
Operating Temp		-25°C to 50°C



AOTLED5/CCT



AOTLED5/W/CCT

	Code	Lamp	Description
Bi-Directional	AOTLED5/CCT	LED	45W - Cool White/Warm White - Aluminium
	AOTLED2X5/CCT	LED	86W - Cool White/Warm White - Aluminium
	AOTLED5/W/CCT	LED	48W - Cool White/Warm White - Matt White
	AOTLED2X5/W/CCT	LED	84W - Cool White/Warm White - Matt White

Options	/M3	Self-Test Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)
	/MWS	Integral Microwave Sensor

Accessory	AOTLED/90B	90° Corner Connector
-----------	------------	----------------------

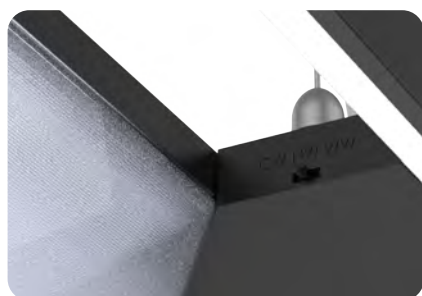
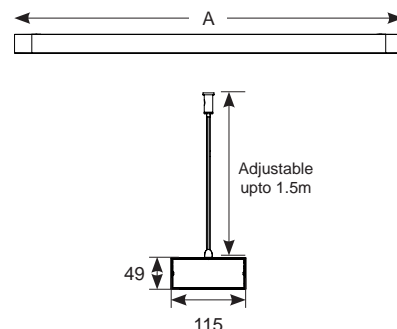


Millau LED CCT Suspended Linear

Supplied c/w Integral Driver and Suspension Kit



- Architectural suspended linear for commercial applications
- Black powder coated die-cast aluminium construction provides a modern and sleek appearance
- Selectable CCT between 3000K, 4000K and 6000K output
- Internal mirrored reflector and opal diffuser provide optimum distribution and light output
- 48W Comparable to 2 x 28W T5
- 56W exceeds performance of 2 x 35W T5
- Supplied with 1.5 metre suspension kit including ceiling rose
- LED lifespan L70 50,000 hours
- Non-dimmable



Integrated switch for choice between Warm White, Cool White and Daylight



Hollow design provides ultra-modern appearance

LED Information

Total (Watts)	38W	56W
Lumens Delivered		
Cool White	3475lm	4419lm
Warm White	3408lm	4290lm
Daylight	3492lm	4394lm
Lm/W		
Cool White	91lm	79lm
Warm White	90lm	77lm
Daylight	92lm	77lm
CRI	Ra 80	
CCT	4000K 3000K 6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 45°C	

Code	Lamp	Description	A
AMILLED4	LED	38W - 3000K/4000K/6000K	1222
AMILLED5	LED	56W - 3000K/4000K/6000K	1622



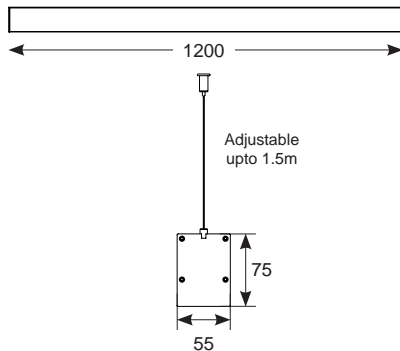
Vasco LED CCT Bi-directional Suspended Linear

Supplied c/w Integral Driver and Suspension Kit



463

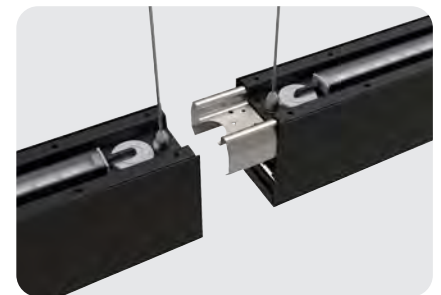
- Suspended linear for commercial applications
- Aluminium extruded construction with integral driver
- Supplied bi-directional light output as standard with 70% upward light and 30% downward light ratio (directional only option can be selected if required)
- 50W exceeds performance of 2x28W T5
- 60W exceeds performance of 2x35W T5
- Opal diffuser provides optimal light uniformity
- Selectable CCT between 3000K, 4000K and 6000K output
- Pre-wired with 1.5 metre cable
- Adjustable suspension points c/w suspension kit
- LED lifespan L90 36,000 hours



AVASLED



AVASLED/B



Linkable connector for continuous mounting

LED Information

Total (Watts)	50W	60W
Lumens Delivered		
Warm White	4798lm	5308lm
Cool White	5283lm	6405lm
Daylight	4908lm	6075lm
Lm/W		
Warm White	96lm	88lm
Cool White	106lm	107lm
Daylight	98lm	101lm
CRI	Ra 80	
CCT	4000K	
	3000K	
	6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 45°C	

Code	Lamp	Description
AVASLED	LED	50W - Warm White/Cool white/Daylight - Aluminium
AVASLED/B	LED	50W - Warm White/Cool white/Daylight - Black
AVASLED5	LED	60W - Warm White/Cool white/Daylight - Aluminium
AVASLED5/B	LED	60W - Warm White/Cool white/Daylight - Black
Accessory	AVASLED/LC	Continuous Linking Connector

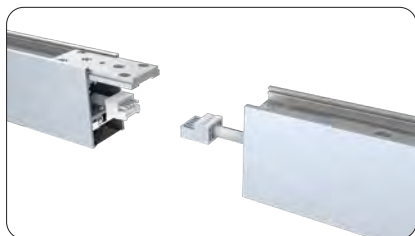
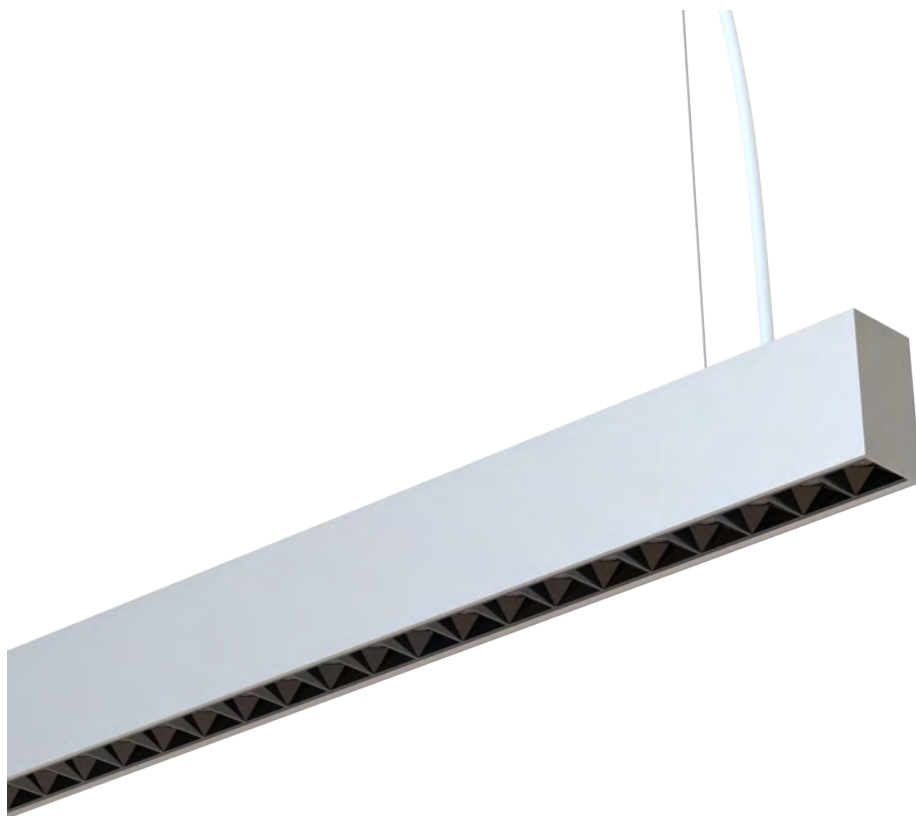


Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Sidu LED Pendant

Supplied c/w Integral Driver and Suspension Kit

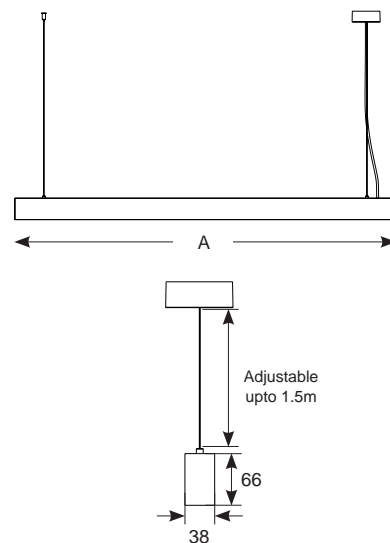


Easy connection for continuous applications



Supplied c/w 1.5m suspension kit

- Aluminium bi-directional suspended pendant with polycarbonate diffuser
- Suitable for office, retail and commercial applications
- Suitable for individual or continuous suspension (link bracket included)
- Slim profile available in Aluminium (RAL9006)
- 49W exceeds performance of 2x28W T5
- 60W exceeds performance of 2x49W T5
- Supplied c/w 1.5m adjustable suspension kit as standard
- Bi-directional light output split equally
- Black polycarbonate micro reflector design helps achieve UGR<6 (unified glare rating) compliant luminaire ideal for most interior lighting applications
- LED lifespan L70 50,000 hours
- 1-10V dimmable as standard



LED Information

Total (Watts)	49W
	60W
Lumens Delivered	
49W	5209lm
60W	6762lm
Lm/W	
49W	106lm
60W	113lm
CRI	Ra 80
CCT	4000K
Input	100/240V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description	A
ASIDLED/CW	LED	49W - Cool White	1175
ASIDLED5/CW	LED	60W - Cool White	1493

Eaves LED Recessed Linear

Supplied c/w Remote Driver

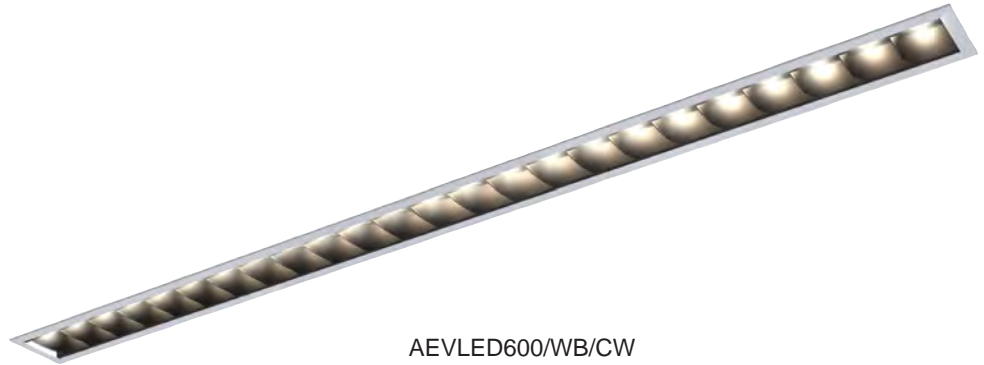
- Architectural aluminium LED recessed linear
- Black polycarbonate micro reflector low glare design
- Suitable for office, retail and commercial applications
- Sturdy spring clips provide tight and lasting position once installed
- Smart controls and dimmable options available
- LED lifespan
L80 81,000 hours



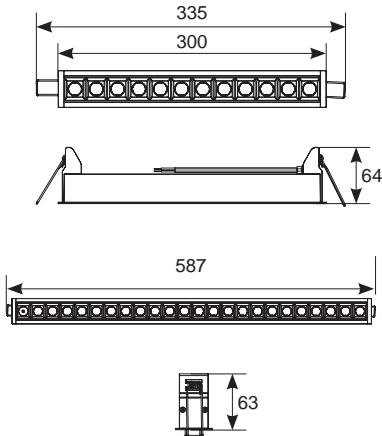
465



AEVLED300/WB/CW



AEVLED600/WB/CW



Black polycarbonate micro reflector design reduces glare

LED Information

Total (Watts)	10W	15W
Lumens Delivered		
Cool White	954lm	1429lm
Warm White	944lm	1402lm
Lm/W		
Cool White	95lm	95lm
Warm White	94lm	93lm
Beam Angle	58°	
CRI	Ra 90	
CCT	3000K 4000K	
Input	220-240V	
Hertz	50/60Hz	
Operating Temp	-25°C to 40°C	

Code	Lamp	Description
AEVLED300/WB/CW	LED	10W - Cool White - 300mm
AEVLED300/WB/WW	LED	10W - Warm White - 300mm
AEVLED600/WB/CW	LED	15W - Cool White - 600mm
AEVLED600/WB/WW	LED	15W - Warm White - 600mm
Option	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





Project - Lakes College
Cumbria, UK

Gemini LED Linear

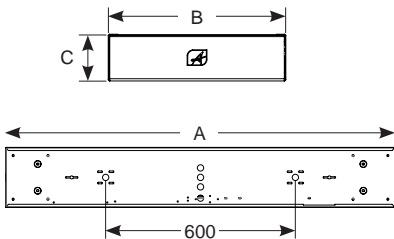
Supplied c/w Integral Driver



467

- High specification fully enclosed linear luminaire
- Microprism diffuser for enhanced photometric performance
- Robust steel construction
- Suitable for surface and suspension
- Ideal for most commercial and educational applications
- LED lifespan L70 65,000 hours

Powered by
TRIDONIC
▼ enlightening your ideas



LED Information

Total (Watts)	40W 54W
Lumens Delivered	
40W	4448lm
54W	5291lm
Lm/W	
40W	108lm
54W	98lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	A	B	C
AGELED2X4	LED	40W	1230	190	55
AGELED2X5	LED	54W	1510	190	55

Option	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Accessory	ASK1	Suspension Kit 1.3m
-----------	------	---------------------



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Push fit loop-in, loop-out terminals provides a fast fit installation

Steel powder coated base for enhanced durability

Powered by
TRIDONIC
▼ enlightening your ideas

High performance LED array

Matt aluminium reflector for optimum glare control

High specification PC diffuser offering excellent transmission and uniformity



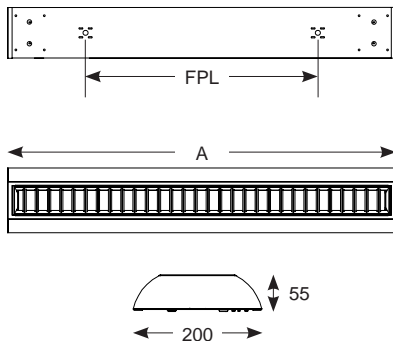
Crescent LED Surface Linear

Supplied c/w Integral Driver

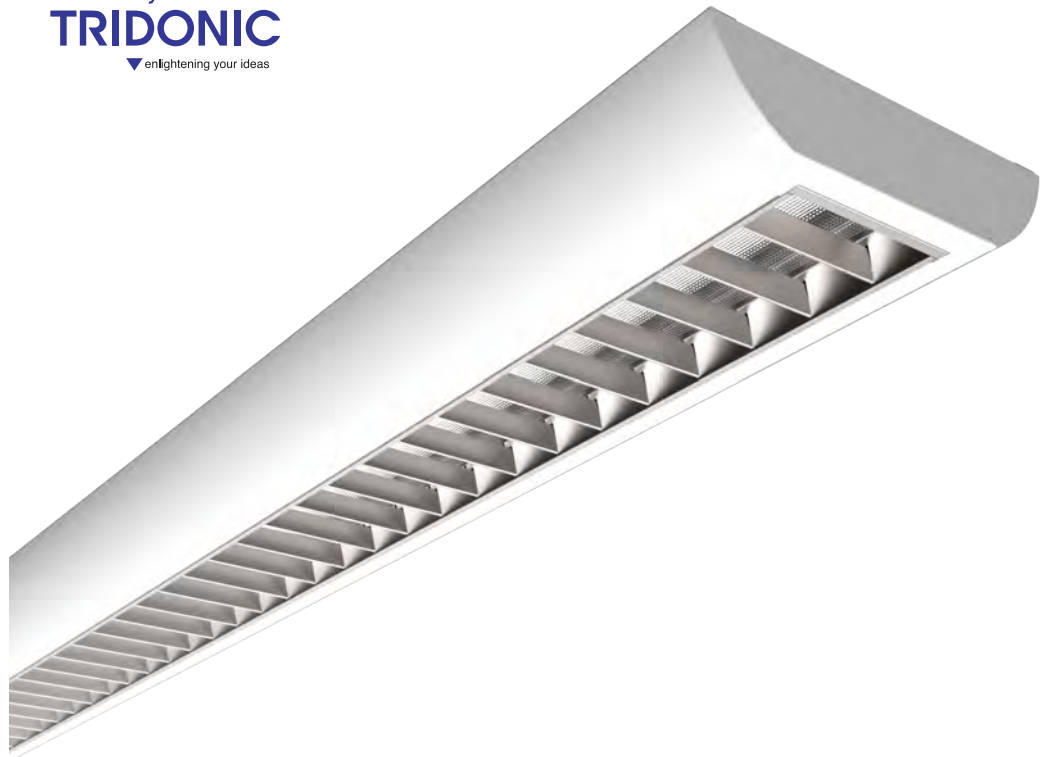


469

- High specification fully enclosed linear luminaire
- Steel powder coated body for enhanced durability
- Polycarbonate diffuser and polished louvre for excellent photometric performance
- Suitable for surface mounting and suspension
- 42W exceeds performance of 2x35W T5
- 51W exceeds performance of 2x49W T5
- Ideal for most commercial and educational applications
- LED lifespan L70 54,000 hours



Powered by
TRIDONIC
▼ enlightening your ideas



LED Information

Total (Watts)	42W
	51W
Lumens Delivered	
2X4	4497lm
2X5	5266lm
Lm/W	
2X4	107lm
2X5	103lm
CRI	Ra 80
CCT	4000K
Input	220V-240V
Hertz	50Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description	A	FPL
ACRESLED2X4	LED	42W - Cool White	1200	600
ACRESLED2X5	LED	51W - Cool White	1500	900

Option	/M3	Emergency
	/SM3	Self-test Emergency
	/DM3	DALI Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Accessory	ASK1	Suspension Kit 1.3m
------------------	-------------	---------------------



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Airbeam LED Batten

Supplied c/w Integral Driver

470



- High performance LED batten for multi-purpose applications
- Up to 56% energy saving compared to T8 fluorescent
- Powered by Philips and Tridonic drivers
- Steel body construction with powder coat finish
- Polycarbonate reeded diffuser and end caps
- Instant light output with unlimited switching
- Self-test emergency as standard
- CorridorFUNCTION for dimmable microwave sensor models
- LED lifespan L70 56,000 hours



Push Release End Cap



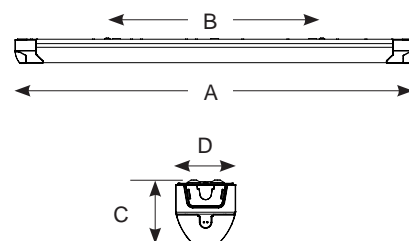
20mm Conduit Entry Facility



End Cap Fixing Option



Ceiling Mounting Continuous Fixings



Standard	Code	Lamp	Description	A	B	C	D
	ABLED4	LED	1 x 25W	1220	600	77	76
	ABLED5	LED	1 x 34W	1525	600	77	76
	ABLED6	LED	1 x 37W	1820	600	77	76
	ABLED2X4	LED	1 x 48W	1220	600	77	76
	ABLED2X5	LED	1 x 55W	1525	600	77	76
	ABLED2X6	LED	1 x 70W	1820	600	77	76

Options

/M3	Self-Test Emergency
/OCTO	OCTO Smart Control
/DD	Digital Dimming (DD1/DD2/DD3/DD4 - ABLED2X6 Not Available)
/MWS	Integral Microwave Sensor

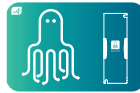
LED Information

Total (Watts)	25W	48W
	34W	55W
	37W	70W
Lumens Delivered	2778lm	5517lm
	3608lm	6407lm
	4189lm	7910lm
Lm/W	116lm	106lm
	109lm	105lm
	100lm	94lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	0°C to 25°C	



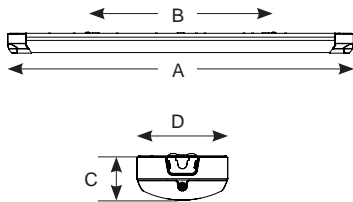
Proline LED Surface Linear

Supplied c/w Integral Driver



471

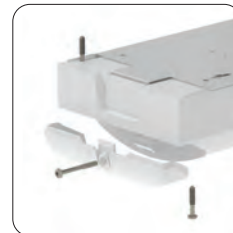
- Modern contemporary fully enclosed high performance surface luminaire
- Up to 56% energy savings compared to T8 fluorescent
- Powered by Philips and Tridonic drivers
- Steel powder coated body with reeded opal polycarbonate diffuser and retained end caps
- Low glare and uniform light distribution
- Ideal for most commercial and educational applications
- Self-test emergency as standard
- CorridorFUNCTION for dimmable microwave sensor options
- LED lifespan L70 56,000 hours



Push Release End Cap



20mm Conduit Entry Facility



End Cap Fixing Option



Ceiling Mounting Continuous Fixings

LED Information

Total (Watts)	25W	49W
	33W	55W
	36W	70W
Lumens Delivered	2496lm	5097lm
	3440lm	6090lm
	4316lm	8029lm
Lm/W	100lm	98lm
	104lm	100lm
	114lm	101lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50Hz	
Operating Temp	0°C to 25°C	

	Code	Lamp	Description	A	B	C	D
Standard	APRLED4	LED	1 x 25W	1220	600	73	148
	APRLED5	LED	1 x 33W	1525	600	73	148
	APRLED6	LED	1 x 36W	1820	600	73	148
	APRLED2X4	LED	1 x 49W	1220	600	73	148
	APRLED2X5	LED	1 x 55W	1525	600	73	148
	APRLED2X6	LED	1 x 70W	1820	600	73	148

Options	/M3	Self-Test Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4 - APRLED2X6 Not Available)
	/MWS	Integral Microwave Sensor



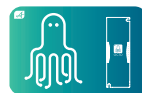
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750





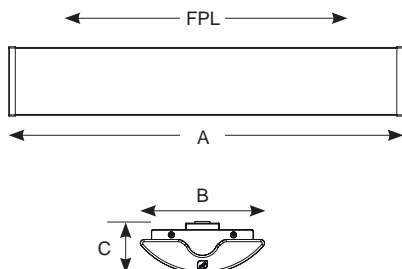
Oxford LED Surface Linear

Supplied c/w Integral Driver



473

- Modern fully enclosed surface luminaire with curved low profile appearance
- This is a widely used style of fitting within the educational sector
- Steel body with polycarbonate diffuser and plastic end caps
- 23W exceeds performance of 1x35W T5
- 34W exceeds performance of 1x49W T5
- 38W exceeds performance of 2x28W T5
- 60W exceeds performance of 2x49W T5
- LED lifespan L70 54,000 hours
- Dimmable options



Powered by
TRIDONIC
▼ enlightening your ideas



LED Information

Total (Watts)	23W	34W
	38W	60W
Lumens Delivered	2944lm	3668lm
	4248lm	6552lm
Lm/W	128lm	108lm
	111lm	109lm
CRI	Ra 80	
CCT	4000K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	-20°C to 50°C	

Code	Lamp	Description	A	B	C	FPL
AOXLED4	LED	23W - Cool White	1190	165	70	1084
AOXLED5	LED	34W - Cool White	1470	165	70	1384
AOXLED2X4	LED	38W - Cool White	1190	165	70	1084
AOXLED2X5	LED	60W - Cool White	1470	165	70	1364

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

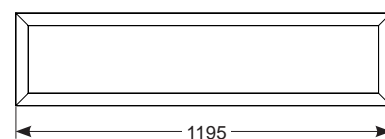
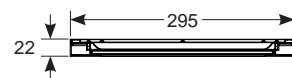


Brooklyn LED Bi-Directional Panel

Supplied c/w Integral Driver and Suspension Kit



- High performance bi-directional suspendable LED panel
- Integral LED driver provides a unique aesthetically pleasing design
- White anodised aluminium frame
- Supplied c/w 1.2m suspension kit as standard
- LED lifespan L70 50,000 hours
- 1-10V dimmable as standard



LED Information

Total (Watts)	36W
Lumens Delivered	3788lm
Lm/W	105lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
ABROLED	LED	36W - Cool White



Spektrum LED CCT Panel Frame

Supplied c/w Integral Driver



475

- High performance minimalist LED panel frame for commercial and architectural applications
- Hollow illuminated frame allows installation of standard ceiling panel to sit inside frame and level with grid
- Integral switch allows the installer a choice of 3000K, 4000K and 6500K colour temperature options
- LED lifespan
L70 50,000 hours



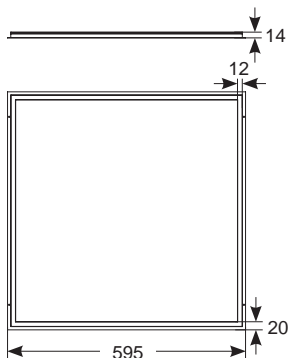
Cool White



Daylight



Warm White



LED Information

Total (Watts)	28W
Lumens Delivered	
Cool White	2995lm
Warm White	2877lm
Daylight	3000lm
Lm/W	
Cool White	111lm
Warm White	103lm
Daylight	103lm
CRI	Ra 80
CCT	3000K 4000K 6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description
ASPELED/60/CCT	LED	28W - Warm White/ Cool white / Daylight

Options	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	Dali Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Infinite LED Recessed Panel

Supplied c/w Remote Driver



Powered by
TRIDONIC
▼ enlightening your ideas



Surface Mounting Frame for LED Panel
(shown with Panel Pod installed)

- High performance LED flat panel which outperforms 3x14W T5
 - UGR<19 (unified glare rating) compliant luminaire ideal for most interior lighting applications
 - Maintenance free instant light output and unlimited switching
 - Panel Pod Self-Test emergency option
 - Panel Pod sensor option
 - TPb as standard
 - LED lifespan L70 40,000 hours
 - Dimmable options
- * 7 Year Warranty applies to fittings registered online (5 Year Warranty for unregistered fittings)

Dimensions (mm)
L595 x W595 x H10

See p430 for more information
on Panel Pod Emergency and
Panel Pod Sensor

Code	Lamp	Description
AIRMLD/CW	LED	35W - Cool White

Emergency	AIRMLD/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor	AIRMLD/POD/MWS		1W - Microwave Sensor

Option	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Accessories	AIRMLD/SMF	Surface Mounting Frame (L600mm x W600mm x D75mm)
	AIRMLD/PRK	Plasterboard Recessing Kit (Cut-out 615x615mm)
	AIRMLD/SK	2 Metre Suspension Kit
	AEQTCC/600	Equaliser 600x600 Temperature Regulator

LED Information

Total (Watts)	35W
Lumens Delivered	3300lm
Lm/W	94lm
CRI	Ra 80
CCT	4750K
Input	230V
Hertz	50Hz
Operating Temp	-10°C to 40°C



* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

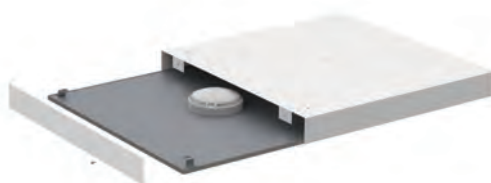


Endurance LED TPa UGR<19 Recessed Panel

Supplied c/w Remote Driver



Surface Mounting Frame for
LED Panel
(shown with Panel Pod
Emergency installed)



- High performance maintenance free LED panel
- TPa as standard
- UGR<19 (unified glare rating) compliant luminaire assisting to eliminate glare for visual comfort
- panel outperforms 3x14W T5
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Surface mounting frame option
- Powered by Philips
- LED lifespan L90 52,000 hours

AERMLED3/60 Dimensions (mm)
L595 x W595 x H10

See p430 for more information
on Panel Pod Emergency and
Panel Pod Sensor

Code	Lamp	Description
AERMLED3/60/CW	LED	29W - Cool White
AERMLED3/60/WW	LED	29W - Warm White
AERMLED3/60/DL	LED	29W - Daylight

High Output	AERMLED3/HO/60/CW	LED	29W - Cool White
	AERMLED3/HO/60/WW	LED	29W - Warm White
	AERMLED3/HO/60/DL	LED	29W - Daylight

Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD3)*

* DD2/DD4 available with alternative control gear

Accessories	AIRMLED/SMF	Surface Mounting Frame (L600mm x W600mm x D75mm)
	AIRMLED/PRK	Plasterboard Recessing Kit (Cut-out 615x615mm)
	AERMLED/SK	2 Metre Suspension Kit
	AEQTCC/600	Equaliser 600x600 Temperature Regulator

LED Information

Total (Watts)	29W	HO
Lumens Delivered		
Cool White	2953lm	3742lm
Warm White	2873lm	3610lm
Daylight	2938lm	3725lm
Lm/W Cool White	102lm	129lm
Lm/W Warm White	99lm	125lm
Lm/W Daylight	101lm	128lm
CRI	Ra 80	
CCT Cool White	4000K	
CCT Warm White	3000K	
CCT Daylight	6000K	
Input	230V	
Hertz	50Hz	
Operating Temp	-20°C to 40°C	



- * Subject to ceiling/installation types
- * Not applicable to surface/suspended applications



Panel Pod Compatible

Quickly and easily convert standard panel to either Self-Test Emergency or Microwave Sensor



LED board placement creates a more uniform distribution of light with no dark spots or shadowing.
LED lifespan L70 30,000 hours

Quick release POD cover for quick and easy installation of the Ansell self-test emergency Panel Pod

Philips CertaDrive LED driver

0.2mm steel back plate providing support and rigidity

Panel POD aperture. Panel POD compatible for all emergency and microwave sensor requirements and self-test as standard

0.188mm High efficient regulator sheet maximizing performance efficiency

5mm Pearl Wool supporting all panel layers into position

2mm MS LGP guarantee to maintain stipulated CCT throughout the lifetime of the product

Latest high efficiency SMD LED array

TP(a) fire retardant diffuser as standard suitable for all applications

Reinforced steel powder coated frame for added rigidity

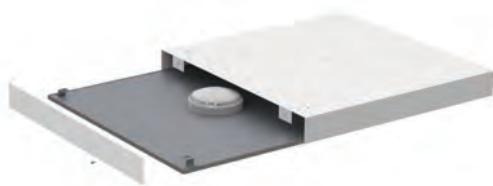


Endurance LED TPa Recessed Panel

Supplied c/w Remote Driver



Surface Mounting Frame for
LED Panel
(shown with Panel Pod
Emergency installed)



- High performance maintenance free LED panel
- TPa as standard
- 30W panel outperforms 3x14W T5
- Low glare and even light distribution for multiple applications
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Surface mounting frame option
- Powered by Philips
- LED lifespan L90 52,000 hours

AERMLED/260 Dimensions (mm)
L595 x W595 x H10

See p430 for more information
on Panel Pod Emergency and
Panel Pod Sensor

Code	Lamp	Description
AERMLED2/60/CW	LED	29W - Cool White
AERMLED2/60/WW	LED	29W - Warm White
AERMLED2/60/DL	LED	29W - Daylight

Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD3)*

* DD2/DD4 available with alternative control gear

Accessory	AIRMLED/SMF	Surface Mounting Frame (L600mm x W600mm x D75mm)
	AIRMLED/PRK	Plasterboard Recessing Kit (Cut-out 615x615mm)
	AERMLED/SK	2 Metre Suspension Kit
	AEQTCC/600	Equaliser 600x600 Temperature Regulator

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	3092lm
Warm White	2891lm
Daylight	3046lm
Lm/W Cool White	107lm
Lm/W Warm White	100lm
Lm/W Daylight	105lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6000K
Input	230V
Hertz	50Hz
Operating Temp	-20°C to 40°C



* Subject to ceiling/installation types
* Not applicable to surface/suspended applications



Endurance LED TPa Recessed Panel

Supplied c/w Remote Driver



- High performance maintenance free LED panel
- TPa as standard
- 60W panel outperforms 3x28W T5
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Powered by Philips
- LED lifespan L90 52,000 hours

AERMLED/120 Dimensions (mm)
L1195 x W595 x H10

See p430 for more information on Panel Pod Emergency and Panel Pod Sensor



Code	Lamp	Description
AERMLED2/120/CW	LED	58W - Cool White
AERMLED2/120/WW	LED	58W - Warm White
AERMLED2/120/DL	LED	58W - Daylight
Emergency AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor AIRMLED/POD/MWS		1W - Microwave Sensor
Option /DD	Digital Dimming (DD1/DD2/DD3)	

Accessory	AERMLED/120/SMF	1200x600 Surface Mounting Frame
------------------	-----------------	---------------------------------

LED Information

Total (Watts)	58W
Lumens Delivered	
Cool White	5780lm
Warm White	5363lm
Daylight	5646lm
Lm/W Cool White	100lm
Lm/W Warm White	93lm
Lm/W Daylight	97lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C



* Subject to ceiling/installation types
* Not applicable to surface/suspended applications

Endurance LED TPa Recessed Panel

Supplied c/w Remote Driver



483

- High performance maintenance free LED panel
- TPa as standard
- Cool white, warm white and daylight options
- White anodised aluminium frame for visual compatibility with ceiling grid
- Low glare and even light distribution for multiple applications
- Panel Pod Self-Test emergency option
- Panel Pod sensor option
- Powered by Philips
- LED lifespan
L90 52,000 hours



AERMLED2/30 Dimensions (mm)
L 1195 x W 295 x H 10

See p430 for more information
on Panel Pod Emergency and
Panel Pod Sensor

LED Information

Total (Watts)	29W
Lumens Delivered	
Cool White	3234lm
Warm White	3187lm
Daylight	3211lm
Lm/W Cool White	112lm
Lm/W Warm White	110lm
Lm/W Daylight	111lm
CRI	Ra 80
CCT Cool White	4000K
CCT Warm White	3000K
CCT Daylight	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 40°C

Code	Lamp	Description
AERMLED2/30/CW	LED	29W - Cool White
AERMLED2/30/WW	LED	29W - Warm White
AERMLED2/30/DL	LED	29W - Daylight

Emergency	AIRMLED/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor	AIRMLED/POD/MWS		1W - Microwave Sensor

Options	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3)

Accessory	AERMLED/SK	2 Metre Suspension Kit
	AERMLED/30/SMF	1200x300 Surface Mounting Frame



- * Subject to ceiling/installation types
- * Not applicable to surface/suspended applications

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Panel Pod Emergency and Panel Pod Sensor

For Infinite and Endurance LED Panels



AIRMLD/POD/3NM/ST

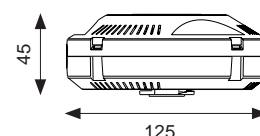


AIRMLD/POD/MWS



Emergency Panel Pod

- Integral Self-Test emergency pod to convert any new Infinite LED and Endurance LED panel to emergency, instantly
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Simple, quick twist and lock fixing
- Supplied with a pre-wired 1 Metre cable for ease of installation
- Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation
- **UK Patent No. GB2522285**
- **European Patent No. 15165652.7**
- **Irish Patent No. 2015/0128**
- **EC Registered Design No 002712232-0001**

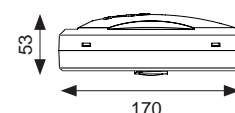


LED Information

Total (Watts)	5W
Lumens Delivered	189lm
Beam Angle	120°
CCT	6500K
Input	230V
Operating Temp	0°C to 45°C

Sensor Panel Pod

- Converts Ansell Infinite and Endurance LED panels to microwave sensor operation
- Provides detection area of 360° with a detection angle of 120°
- Simple twist and lock connection
- Pre-wired 300mm 4-core flex for easy installation
- Fast and efficient installation
- Adjustable time delay and distance
- **UK Patent Applied For No. 1504205.4**
- **EC Registered Design No 002712232-0001**



Code	Lamp	Description
Emergency AIRMLD/POD/3NM/ST	LED	5W - Panel Pod Self-Test Emergency
Sensor AIRMLD/POD/MWS		1W - Microwave Sensor

Panel Pod



Pre-wired 1 metre cable *

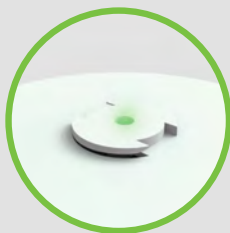
As standard ensuring a fast and easy installation

** 300mm for Panel Pod Sensor*



Twist and Lock Connection

Provides a secure connection and easy installation



Self-Test as standard *

Provides instant indication to status of emergency module and lamp, negating the need for manual monthly and annual checks

** Panel Pod Emergency only*



Detection Area and Angle

Provides detection area of 360° with a detection angle of 120°



**** Only one Panel Pod can be attached to the back of individual panels****

Defender LED IP65 Clean Air Recessed Modular

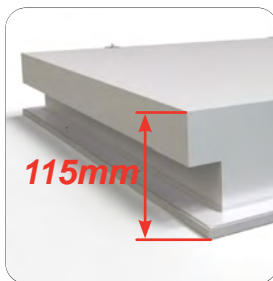
Supplied c/w Integral Driver



Powered by
TRIDONIC
▼ enlightening your ideas

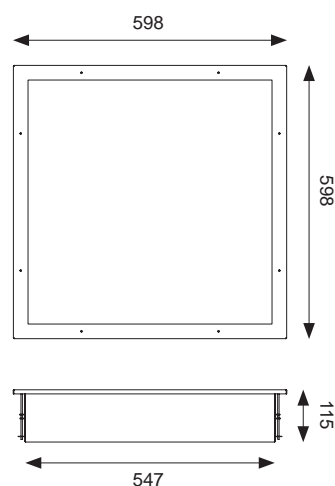


Easy Fix style bracket



115mm depth

- Sealed LED luminaire to endure arduous environments
- High quality steel housing with welded frame and secured by Easy Fix style brackets
- Frame fitted with TP(a) rated diffuser providing excellent diffusion and outstanding light transmission
- Suitable for areas such as laboratories, hospitals, clean rooms, kitchens and showers
- LED lifespan L70 56,000 hours



LED Information

Total (Watts)	49W
Lumens Delivered	4660lm
Lm/W	95lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C

Code	Lamp	Description
ADELED	LED	49W - Cool White
Options	/M3	Emergency
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)



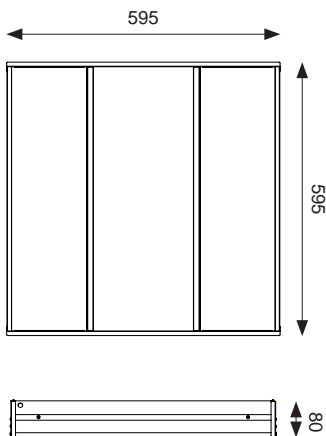
Lota LED CCT Troffer

Supplied c/w Integral Driver



487

- High performance indirect recessed luminaire
- UGR<19 (unified glare rating) compliant luminaire ideal for most interior lighting applications
- Ideal for office or commercial applications
- Selectable CCT between 3000K, 4000K and 6000K output
- Exceeds performance of 2x40W PL-L
- Powder coated steel construction
- LED lifespan L70 30,000 hours
- TP(a) as Standard



LED Information

Total (Watts)	29W
Lumens Delivered	
Warm White	3051lm
Cool White	3195lm
Daylight	3178lm
Lm/W	
Warm White	105lm
Cool White	110lm
Daylight	110lm
CRI	Ra 80
CCT	
Warm White	3000K
Cool White	4000K
Daylight	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	-10°C to 40°C



Cool White



Daylight



Warm White

Code	Lamp	Description
ALOTLED	LED	29W - Cool White/ Warm White/ Daylight
Options	/M3	Emergency
	/SM3	Self-Test Emergency
	/DM3	DALI Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Gridline Duo LED Indirect Recessed Modular

Supplied c/w Integral Driver, Louvre and Opal Diffuser



Visiluxe Diffuser Fitted

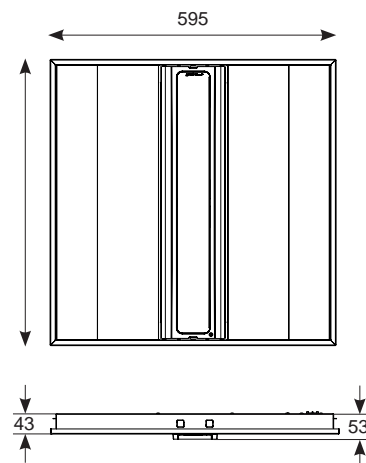
GRIDLINE™
DUO

Powered by
TRIDONIC
▼ enlightening your ideas



Chrome Trim Louvre Fitted

- Shallow 2-In-1 LED direct / indirect recessed luminaire with outstanding efficiency characteristics
- Each fitting supplied with chrome central louvre and high transmission diffuser options (high gloss black or white central louvres available as optional accessories)
- Up to 70% saving compared to 2x55W PL-L
- Quick access termination point for rapid installation
- Instant light output and unlimited switching
- Self-test emergency as standard
- Small unobtrusive microwave sensor option
- CorridorFUNCTION for dimmable microwave sensor options
- LED lifespan L70 56,000 hours



Code	Lamp	Description
AGDLED	LED	37W - Cool White

Options		
/M3		Self-Test Emergency
/DD		Digital Dimming (DD1/DD2/DD3/DD4)
/MWS		Integral Microwave Sensor

Accessories		
AGDLED/WLA		High Gloss White Louvre Trim
AGDLED/BLA		High Gloss Black Louvre Trim
AIRMLD/PRK		Plasterboard Recessing Kit (Cut-out 608x608mm)

LED Information

Total (Watts)	37W
Lumens Delivered	3300lm
Lm/W	89lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 25°C



Venus LED Indirect

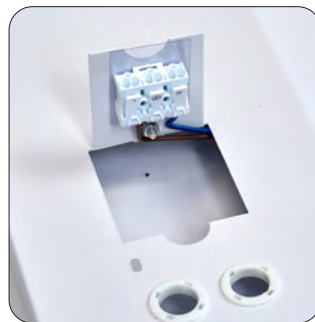
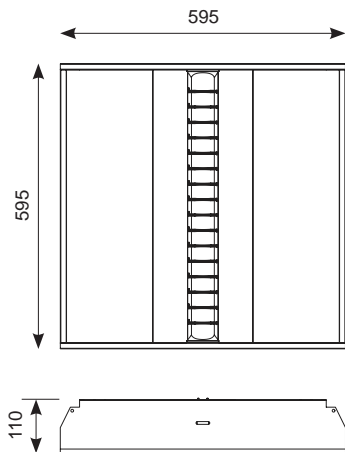
Supplied c/w Integral Driver



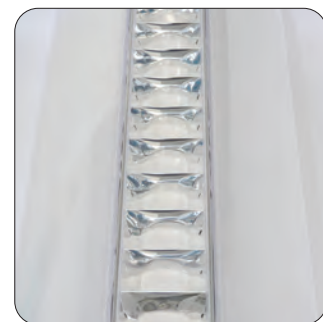
489

- High performance indirect recessed luminaire with outstanding efficiency characteristics
- Comparable performance to 3x14W T5
- Instant light output and unlimited switching
- Quick access termination point for ease of installation
- Powder coated welded steel box construction for lay in applications only
- LED lifespan
L70 54,000 hours

Powered by
TRIDONIC
▼ enlightening your ideas



**Quick Access
Termination Point
(Push Fit Terminals)**



**Mirrored Internal Reflector
For Enhanced Distribution**

LED Information

Total (Watts)	40W
Lumens Delivered	3926lm
Lm/W	98lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 50°C



Code	Lamp	Description
AVENLED	LED	40W - Cool White

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

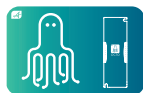
Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Neptune LED CCT Troffer

Supplied c/w Integral Driver

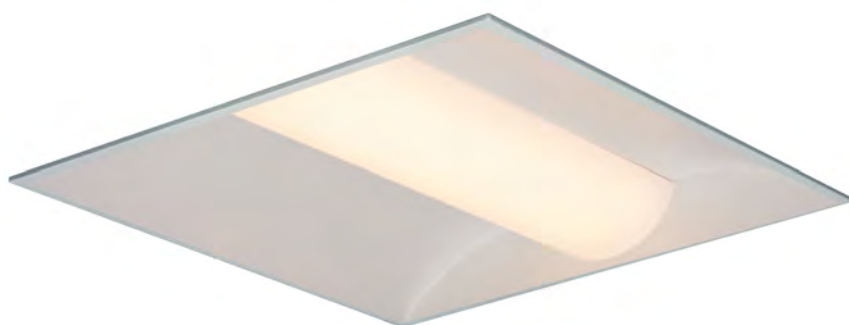
490



Cool White



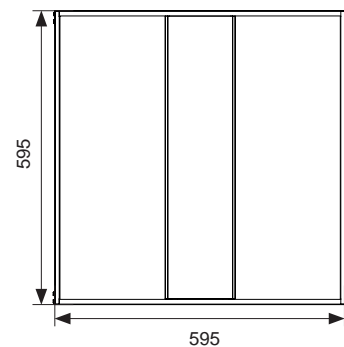
Daylight



Warm White

Powered by
TRIDONIC
▼enlightening your ideas

- High performance indirect recessed luminaire
- Selectable CCT between 3000K, 4000K and 6000K output
- Ideal for office or commercial applications
- Exceeds performance of 2 x 40W PL-L
- Powder coated steel construction
- LED lifespan L70 50,000 hours



LED Information

Total (Watts)	36W
Lumens Delivered	
Warm White	3564lm
Cool White	3796lm
Daylight	3767lm
Lm/W	
Warm White	99lm
Cool White	108lm
Daylight	102lm
CRI	Ra 80
CCT	
Warm White	3000K
Cool White	4000K
Daylight	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C

Code	Lamp	Description
ANEPLED	LED	36W - Warm White/Cool White/Daylight

Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)



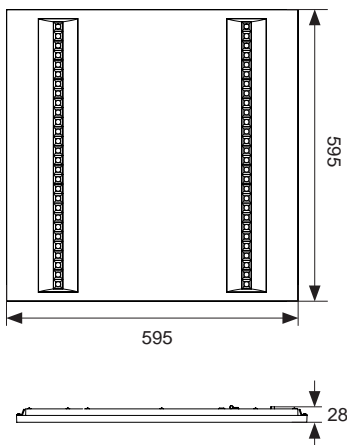
Pluto LED

Supplied c/w Integral Driver



491

- Stylish LED recessed modular
- UGR>14 (unified glare rating) compliant Ideal for office, school, retail and commercial applications
- Exceeds performance of 2 x 55W PL-L
- LED lifespan L70 50,000 hours



Powered by
TRIDONIC
▼ enlightening your ideas

LED Information

Total (Watts)	35W
Lumens Delivered	3591lm
Lm/W	112lm
CRI	Ra 80
CCT	4000K
Input	230V
Hertz	50/60Hz
Operating Temp	-20°C to 45°C



Code	Lamp	Description
APLUED	LED	35W - Cool White
Options	/M3	Emergency
	/OCTO	OCTO Smart Control
	/DD	Digital Dimming (DD1/DD2/DD3/DD4)

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750







I Emergency

493

Project

*Coxmoor Golf Club -
Sutton-in-Ashfield, UK*



Guardian LED

p501

Emergency

497



IP65 Bulkheads

506



Exit Boxes

510



Suspended Edge

512



*IP65 Surface/Recessed
Edge*



Twin Spots



LED Emergency Downlights



Panel Pod Emergency



Emergency Lighting Packs



Designed to
Deliver...

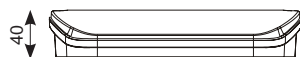
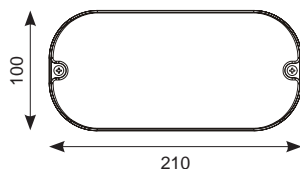
Swift LED Bulkhead

Supplied c/w Legend and Integral Driver



497

- Small and unobtrusive LED bulkhead
- Supplied with self-adhesive legend
- Optic design provides optimum performance for escape route lighting
- Side and rear cable entries
- Screwless gear tray for ease of installation
- Viewing distance 17 metres



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself.

** 0.5 lux minimum must be used for all areas larger than 60m², the minimum value is to be measured across the area excluding 0.5m border around edge of room.

*** Explanation of terms;

Transverse – wall - distance to wall from to side of fitting,

Transverse – transverse - side to side spacing,

Axial – wall -

distance to wall from end of fitting,

Axial – axial -

end to end spacing.

Escape route 2 metres wide (1 Lux minimum) *					

Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	1.48	5.9	1.48	5.8	
4	1.2	4	0.72	4.5	
6	-	-	-	-	

Open (Anti-Panic) area (0.5 Lux Minimum) **					

Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	2.35	6	1.98	6	
4	2.24	7.5	1.98	6	
6	2.24	5.9	1.98	5.79	

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	69lm
Standard Mode	163lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

Code	Lamp	Description
ASWTLED/3M	LED	3W Maintained / Non-Maintained
Accessory	ASBP/1	3.6V 600mAh Ni-Cd Replacement Battery



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Simple Self-Test



What is Self-Test?

Self-Test is an intelligent emergency system, integral to each luminaire, that conducts routine functional and duration testing, in-line with the relevant standards and therefore offering full compliance. Self-test eliminates the requirements for manual testing; automatic fault indicators allow for speedy, accurate maintenance.

How it Works

When the unit is first installed the fitting will randomly select a test date of between 200 and 365 days. Once this date is set it will continue to test at the same time every year for a full 3 hour test. Once the product has been on charge for 24 hours, the luminaire will illuminate for 5 seconds for test purposes. Every 30 days the installation will be tested for 10 minutes and the luminaire will show either regular function, or a fault as shown in the diagram below.



Test Mode

The luminaire will illuminate during test conditions



Regular Function

The luminaire will show a constant green LED in normal conditions



Battery Failure

(Constant red LED)

The luminaire will show a red light to indicate the failure (please see below for full diagnosis)



System Failure

(Slow flashing red LED)

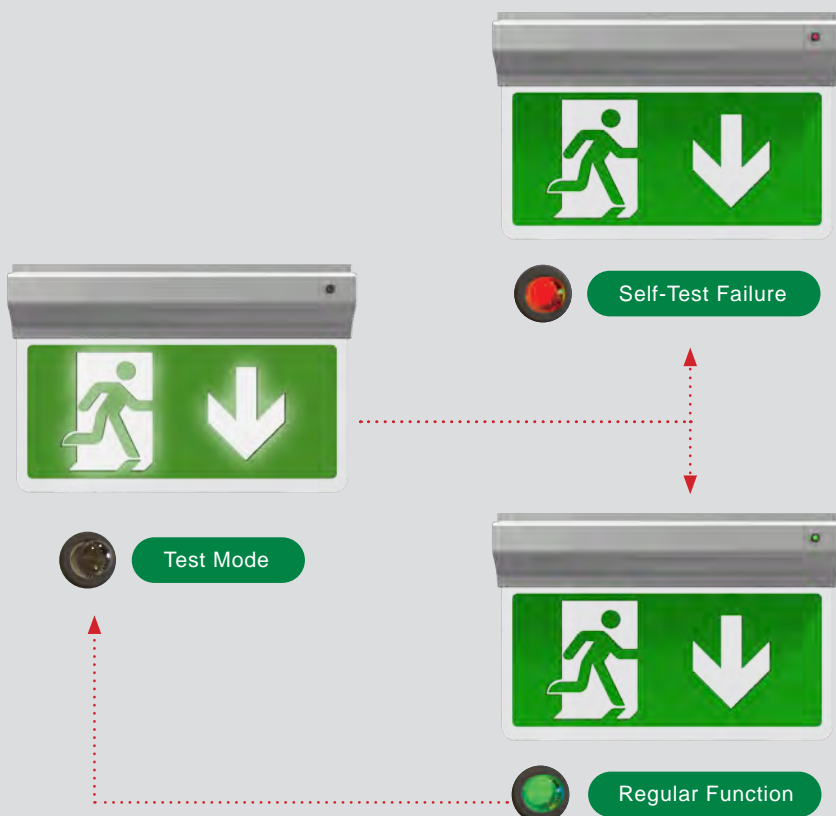
If the system fails the 10 minute / 3 hour duration test then the red LED will flash slowly



Lamp / LED Failure

(Fast flashing red LED)

If the lamp / LED's fail the red light will flash quickly



Self-Test Benefits

499

✓ Convenience

Test results are carried out by observation rather than manually testing each fitting. No need to isolate mains supply to test, ensuring minimal disruption to normal running of office and/or site.

✓ Cost Saving

No requirements for key switches or data cables, Dedicated maintenance personnel are required only to record and rectify faults; not initiate testing and inspection.

✓ Compliance

No possibility of missed scheduled tests; automatic monthly and annual tests provides building compliance, ensuring adherence to all relevant emergency and automatic testing standards.

✓ Easy Fault Identification

Bi-colour indicators display system status. Green LED indicates test complete and a healthy system
Constant red LED indicates a battery failure
Slow flashing red LED indicates system / duration test failure
Fast flashing red LED indicates Lamp / LED failure

Self-Test Range



Guardian LED Bulkhead



Kite LED Bulkhead



Centurion LED Bulkhead



Osprey LED Bulkhead



EndLED Lithium Exit sign



Encore LED Exit sign



Watchman LED Lithium Exit sign



Eagle 3-In-1 LED Exit sign



Kestrel LED Suspended Exit sign



Razzo LED Lithium Recessed Exit sign



Harrier LED IP65 Blade Exit sign



IP65 Owl LED Twin Spot



Condor LED Twin Spot



Signal LED Pro Lithium Emergency Downlight



Raven LED Emergency Downlight



Merlin LED Emergency Downlight



Falcon LED Surface Emergency Downlight



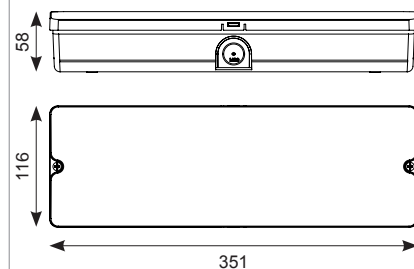
Panel Pod Emergency

Monarch LED Lithium Bulkhead

Supplied with Legend and Integral Driver



- Ultra-slim profile LED polycarbonate self-test bulkhead
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Supplied with self-adhesive legend
- 20mm side, end and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres



Escape route 2 metres wide (1 Lux minimum) *					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	1.9	5	1.8	5
	4	0.6	2.8	0.5	2.8
	6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2.2	5.5	2.2	5.5
	4	2.8	6	2.8	6
	6	1.5	6	1.5	6

	Code	Lamp	Description
Self-Test	AMOLED/LI/3M/ST	LED	3W Maintained / Non-Maintained
Accessory	ASBP/18	3.2V 1500mAh Li-FePO4 Lithium Replacement Battery	

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	77lm
Standard Mode	119lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°



Guardian LED Bulkhead

Supplied c/w Legend and Integral Driver

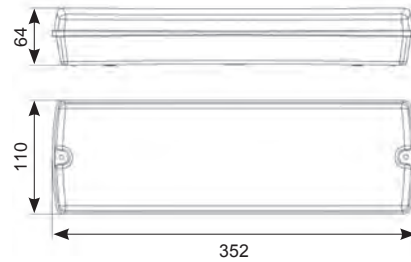
- Ultra-slim profile LED polycarbonate bulkhead
- Supplied with self-adhesive legend
- 20mm side, end and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres



501



AGLED/KIT
With Guardian Installed



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

Escape route 2 metres wide (1 Lux minimum) *					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	1.7	5.7	2.9	6
	4	1.3	5.6	3	5
	6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	3	7.5	3	7.5
	4	3.8	8	3.8	8
	6	3.8	8	3.8	8

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	144lm
Standard Mode	180lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

Code	Lamp	Description
AGLED/3M	LED	3W Maintained / Non-Maintained

Accessories	AGLED/KIT	Semi-Recessing Kit - White
--------------------	-----------	----------------------------

	ASBP/2	3.6V 1500mAh Replacement Ni-Cd Battery
--	--------	--



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

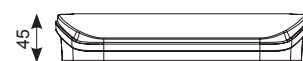
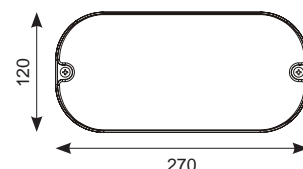


Kite LED Emergency Bulkhead

Supplied with Legend and Integral Driver



- Modern ultra-slim profile
- IP65 LED polycarbonate bulkhead
- Self-test as standard
- Aesthetically designed for modern appearance
- Supplied with self-adhesive legend
- 20mm side and rear cable entries
- Hinged screwless gear tray for ease of installation
- Viewing distance 20 metres



Escape route 2 metres wide (1 Lux minimum) *					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	1.5	5.5	1.3	5.5
	4	1.3	5	1.4	6
	-	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2.1	6	2.1	6
	4	2.4	7	2.4	7
	6	2.4	7	2.4	7

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
 Distance to wall from side of fitting
Transverse - Transverse
 Side to side spacing
Axial - Wall
 Distance to wall from end of fitting
Axial - Axial
 End to end spacing

LED Information

Total (W)	4W
Lumens Delivered	
Emergency Mode	79lm
Standard Mode	182lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

Code	Lamp	Description
Self-Test AKTLED/3M/ST	LED	4W Maintained / Non-Maintained
Accessory ASBP/1		3.6V 600mAh Ni-Cd Replacement Battery



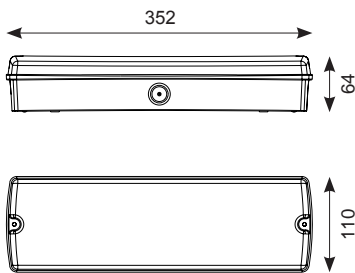
Centurion LED Bulkhead

Supplied c/w Legend and Integral Driver



503

- High lumen performance LED polycarbonate bulkhead for increased spacings
- Supplied with self-adhesive legend
- Self-test as standard
- Outperforms 8W T5 and exceeds performance of Guardian by 56%
- 20mm conduit entry positions and rear terminal box entry
- Hinged screwless gear tray for ease of installation
- Viewing distance 18 metres
- 50,000 hours average lifetime



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

LED Information

Total (W)	7W
Lumens Delivered	
Emergency Mode	151lm
Standard Mode	254lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°



Escape route 2 metres wide (1 Lux minimum) *					

Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	1.7	7	2	6.8	
4	2	8.5	2.5	8	
6	-	-	-	-	

Open (Anti-Panic) area (0.5 Lux Minimum) **					

Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	2.5	7.5	2.5	7.5	
4	3.5	9	3.5	9	
6	3.6	9.5	3.6	9.5	

	Code	Lamp	Description
Self-Test	ACELED/3M/ST	LED	7W Maintained / Non-Maintained
Accessory	ASBP/2		3.6V 1500mAh Ni-Cd Replacement Battery



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

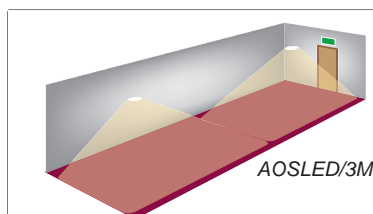
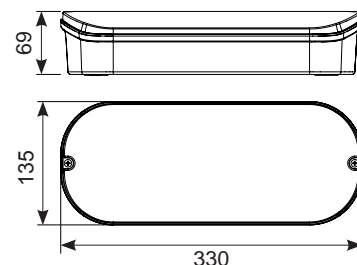


Osprey High Rack LED Bulkhead

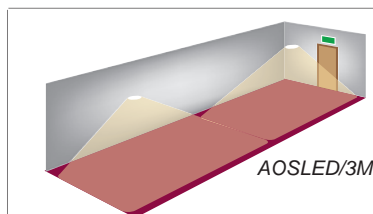
Supplied c/w Integral Driver



- Modern slim profile IP65 LED polycarbonate bulkhead
- Compact high polished reflector design to provide required light level from high mounting heights
- High performance LED's and optical performance allows increased spacing ratios
- Cold store option incorporates an intelligent integral heat management system to operate in cold store applications down to -30°C
- Self-test as standard
- Aesthetically designed for modern appearance
- 20mm side and rear cable entries



***	Escape route 2 metres wide (1 Lux minimum) *			
	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
Mounting Height (M)				
10	-	-	5	20
15	-	-	1.2	15.5



***	Open (Anti-Panic) area (0.5 Lux Minimum)**			
	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
Mounting Height (M)				
10	5.2	14.5	5.2	18
15	5	17	5	22

* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
 Distance to wall from side of fitting
Transverse - Transverse
 Side to side spacing
Axial - Wall
 Distance to wall from end of fitting
Axial - Axial
 End to end spacing

LED Information

Total (W)	9W
	22W
Lumens Delivered	
Emergency Mode	380lm
Standard Mode	438lm
Lumens Delivered Cold Store	
Emergency Mode	383lm
Standard Mode	554lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C
Cold Store	-30°C to 5°C

	Code	Lamp	Description
Self-Test	AOSLED/3M/ST	LED	9W Maintained / Non-Maintained - Self-Test
Cold Store	AOSLED/3M/CS	LED	22W Maintained / Non-Maintained - Self-Test

Accessories	ASBP/15	4.8V 4Ah Ni-Cd Replacement Battery
	ASBP/16	4.8V 4Ah Ni-Cd Replacement Battery (for use with Cold Store fitting)

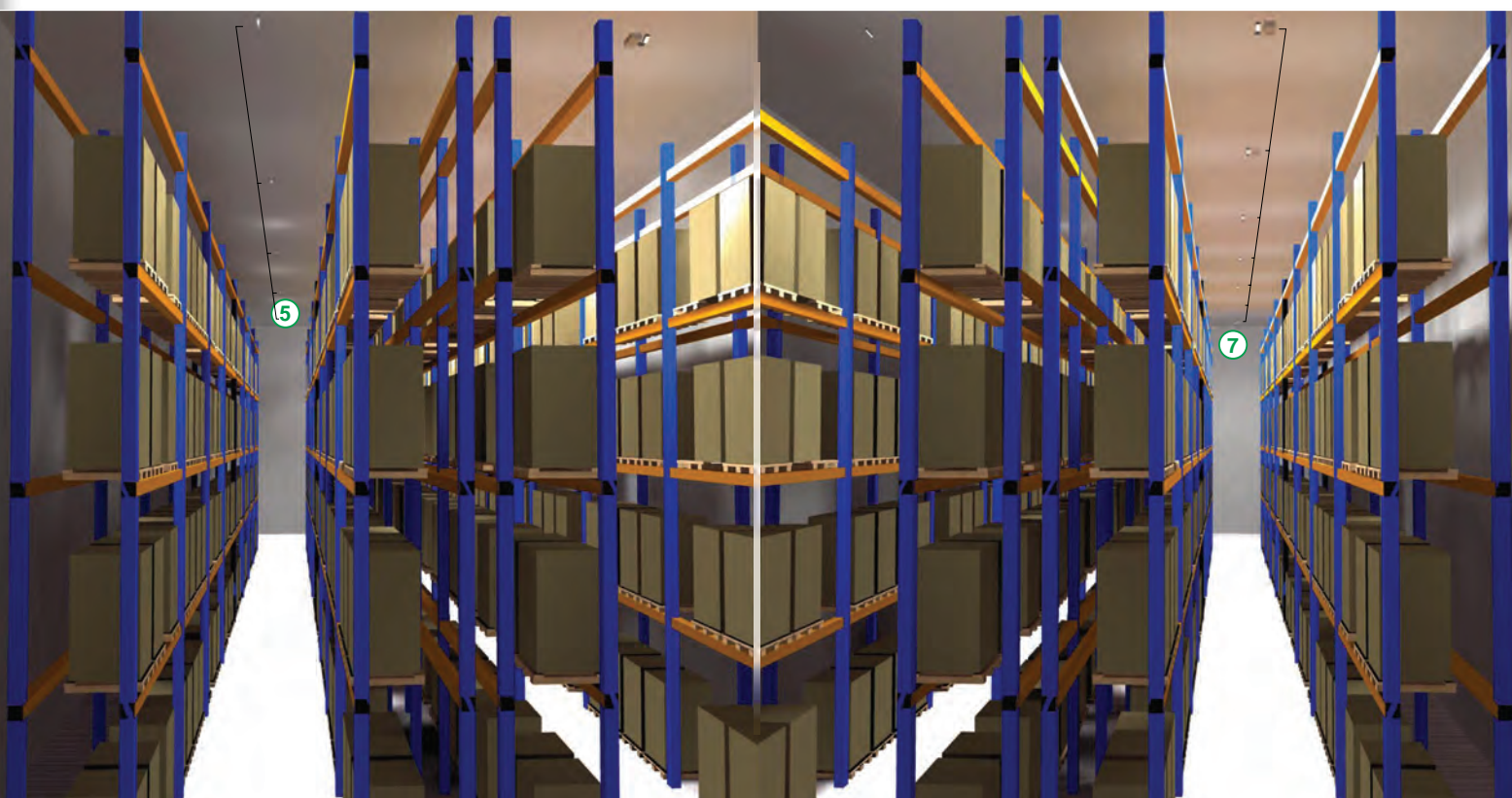


Osprey LED



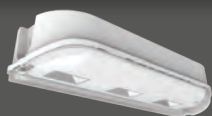
High Rack Bulkhead vs. Traditional Halogen Twin Spot

Warehouse racking aisle scheme (15 metre ceiling height and 2 metre aisle width)



Osprey LED 9W

5 fittings to reach required lux level



Halogen Twinspot 2x20W

7 fittings to reach required lux level



✓ Quick and easy installation

✓ Self-Test as standard

✓ Maintenance free

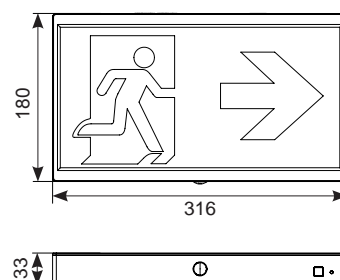
✓ Better spacing ratio for less fittings

EndLED Lithium Exit Sign

Supplied c/w Integral Driver and Legend



- Low profile compact and modern polycarbonate LED exit sign
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Self-test emergency as standard
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- 20mm top and rear cable entries
- Viewing distance 30 metres



	Code	Lamp	Description
Self-Test	AENLED/LI/3M/ST	LED	2.5W - Maintained / Non-Maintained - White
	AENLED/LI/3M/ST/B	LED	2.5W - Maintained / Non-Maintained - Black
Accessory	ASBP/18	3.2V 1500mAh Li-FePO4 Lithium Replacement Battery	

LED Information

Total (W)	2.5W
Lumens Delivered	
Emergency mode	18lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°



Encore LED Exit Sign

Supplied c/w Legends and Integral Driver

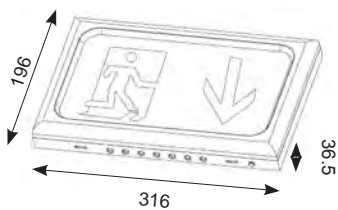


507

- Ultra slim modern LED exit sign
- Self-test option
- Neat picture frame appearance compared to conventional fluorescent exit signs
- Supplied with all legend options - arrow down, arrow up and arrow left/right
- Viewing distance 29 metres



AENLED/3M/W



AENLED/3M/SG

LED Information

Total (W)	2.6W
Lumens Delivered	
Emergency mode	20lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

	Code	Lamp	Description
Standard	AENLED/3M/W	LED	2.6W Maintained/Non-Maintained - White
	AENLED/3M/SG	LED	2.6W Maintained/Non-Maintained - Silver Grey
Self-Test	AENLED/3M/W/ST	LED	2.6W Maintained/Non-Maintained - White
Accessory	ASBP/2		3.6V 1500mAh Ni-Cd Replacement Battery



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

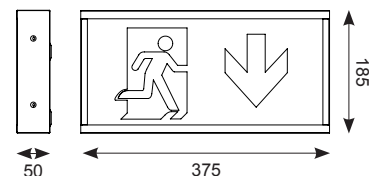


Watchman LED Lithium Exit Sign

Supplied c/w Legend and Integral Driver



- Slim white steel LED exit box sign with legend
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Larger dimensions enables easy retrofit replacement of fluorescent products
- Viewing distance 37 metres



	Code	Lamp	Description
Self-Test	AWLED/LI/3M/ST	LED	3.5W Maintained / Non-Maintained
Legends	AWLED/L/AD	Lithium Legend - Arrow Down	
	AWLED/L/AR	Lithium Legend - Arrow Right	
	AWLED/L/AL	Lithium Legend - Arrow Left	
	AWLED/L/AU	Lithium Legend - Arrow Up	
Battery	ASBP/18	3.2V 1500mAh Li-FePO4 Lithium Replacement Battery	

LED Information

Total (W)	3.5W
Lumens Delivered	
Emergency mode	17lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°



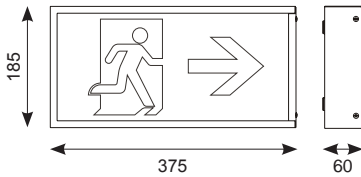
Watchman LED Exit Sign

Supplied c/w Legend and Integral Driver



509

- White steel LED exit box sign with legend
- Larger dimensions enables easy retrofit replacement of fluorescent products
- Viewing distance 37 metres



LED Information

Total (W)	3W
Lumens Delivered	
Emergency mode	25lm
CCT	6000K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°



	Code	Lamp	Description
	AWLED/3M	LED	3W Maintained / Non-Maintained
Legends	AG8/L/AD		Legend - Arrow Down
	AG8/L/AR		Legend - Arrow Right
	AG8/L/AL		Legend - Arrow Left
	AG8/L/AU		Legend - Arrow Up
Battery	ASBP/3		3.6V 1800mAh Ni-Cd Replacement Battery

Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Eagle 3-In-1 LED Exit Sign

Supplied c/w Integral Driver and Legend



AE3LED/3M/SI
Semi Recessed

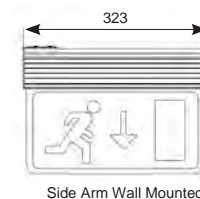
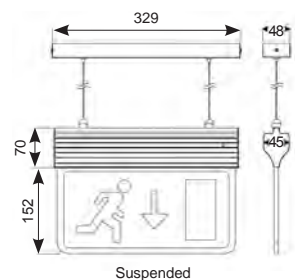
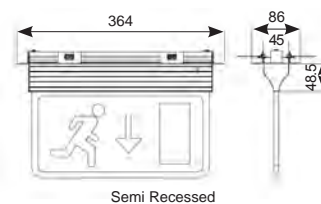
AE3LED/3M/W
Suspended



AE3LED/3M/W
Side Arm Wall Mounted



- Modern, slim, 3-In-1 LED Exit Sign
- Self-test option
- One fitting that enables choice of three different mounting options :- suspension, recessed or side arm wall mounting
- Viewing distance 25 metres



	Code	Lamp	Description
Standard	AE3LED/3M/W	LED	2.5W Maintained/Non-Maintained - White
	AE3LED/3M/SI	LED	2.5W Maintained/Non-Maintained - Silver

Self-Test	AE3LED/3M/W/ST	LED	2.5W Maintained/Non-Maintained - White
-----------	----------------	-----	--

Legends	AE3LED/ALAR	Double Sided Legend - Arrow Left and Right	
	AE3LED/L/AD	Double Sided Legend - Arrow Down	
	AE3LED/L/AU	Double Sided Legend - Arrow Up	

Battery	ASBP/4	3.6V 800mAh Replacement Ni-Cd Battery	
---------	--------	---------------------------------------	--

LED Information

Total (W)	2.5W
Lumens Delivered	
Emergency mode	15lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°



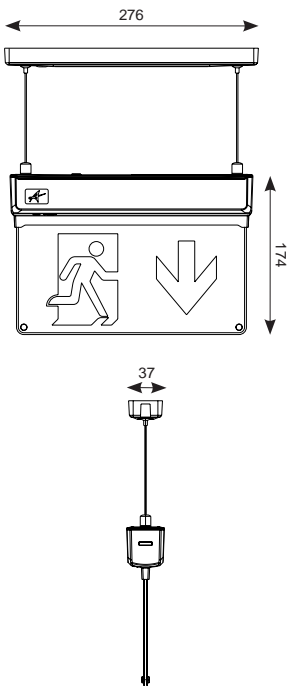
Kestrel LED Suspended Exit Sign

Supplied c/w Integral Driver and Legend

- Ultra slim suspended LED emergency exit sign
- Self-test emergency as standard
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Viewing distance 24 metres



511



LED Information

Total (W)	2W
Lumens Delivered	
Emergency mode	14lm
CCT	6500K
Input	230V
Hertz	50Hz
Operating Temp	0C° to 40C°

	Code	Lamp	Description
Self-Test	AKESLED/3M	LED	2W - Maintained/Non-Maintained
Legends	AKESLED/ALAR		Double Sided Legend - Arrow Left and Right
	AKESLED/L/AD		Double Sided Legend - Arrow Down
	AKESLED/L/AU		Double Sided Legend - Arrow Up
Battery	ASBP/22		3.2V 1000mAh Replacement Li-FeP04 Battery



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

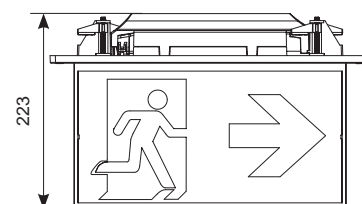
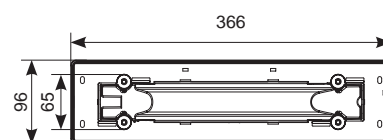


Razzo LED Lithium Recessed Exit Sign

Supplied c/w Integral Driver and Legend



- Slim low profile recessed LED exit sign
- DALI emergency as standard
- Supplied c/w all legends
- If not connected to DALI network self-test mode operates automatically
- Viewing distance 24 metres



	Code	Lamp	Description
Self-Test	ARAZLED/LI/3M/DA	LED	4.5W Maintained / Non-Maintained - White
	ARAZLED/LI/3M/DA/B	LED	4.5W Maintained / Non-Maintained - Black
Battery	ASBP/19	6.4V 1500mAh LiFePO4 Lithium Replacement Battery	

LED Information

Total (W)	4.5W
Lumens Delivered	
Emergency mode	100lm
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5C° to 40C°



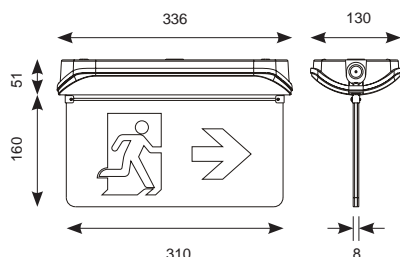
Harrier LED IP65 Blade Exit Sign

Supplied c/w Self-Adhesive Legend (Optional Blade Legend ordered separately)



513

- Compact high performance IP65 polycarbonate surface emergency luminaire
- Self-test as standard
- Optional hanging blade legends (supplied with self-adhesive legend as standard) for enhanced appearance
- Aesthetically designed for modern appearance
- 20mm side and rear cable entries
- High output LED performance and distribution allows maximum spacing providing reduced cost
- Viewing distance 25 metres



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

LED Information

Total (W)	5W
Lumens Delivered	
Emergency Mode	142lm
Standard Mode	299lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°



	Code	Lamp	Description
Self-Test	AHARLED/3M/ST	LED	5W Maintained/Non-Maintained
Legends	AHARLED/ALAR		Harrier LED Double Sided Legend - Arrow Left and Right
	AHARLED/L/AD		Harrier LED Double Sided Legend - Arrow Down
	AHARLED/L/AU		Harrier LED Double Sided Legend - Arrow Up
Battery	ASBP/5		7.2V 1500mAh Ni-Cd Replacement Battery



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750

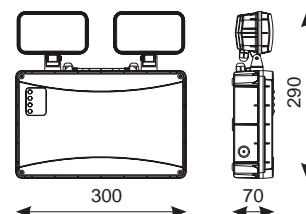


IP65 Owl LED Twin Spot

Supplied c/w Integral Driver



- Self-test Twin LED emergency floodlight for industrial applications
- Robust white moulded enclosure
- Exceeds performance of 2x20W halogen equivalent
- Moulded polycarbonate heads



	Code	Lamp	Description
Self-Test	ATSLED/3NM/IP65/ST	LED	5W Non-Maintained
Battery	ASBP/6		3.6V 6Ah Ni-Cd Replacement Battery

LED Information

Total (W)	5W
Lumens Delivered	
Emergency Mode	440lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°





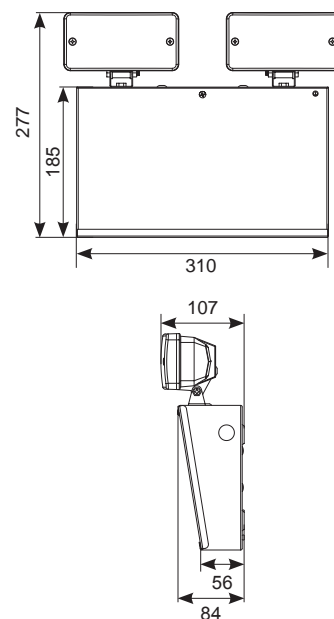
Project - The Liquor Store
Manchester, UK

LED Twin Spot

Supplied c/w Integral Driver



- Twin LED emergency floodlighting for industrial applications
- Exceeds performance of 2x20W halogen equivalent
- Robust metal enclosure in an opal colour
- Moulded polycarbonate heads



Code	Lamp	Description
ATSLED/3NM	LED	3W Non-Maintained

Battery	ASBP/7	3.6V 4Ah Ni-Cd Replacement Battery
----------------	---------------	------------------------------------

LED Information

Total (W)	3W
Lumens Delivered	
Emergency Mode	198lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°



Condor LED Twin Spot

Supplied c/w Integral Driver

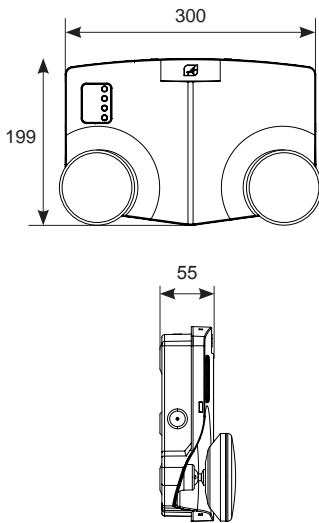


517

- Sleek modern polycarbonate moulded decorative twin spot
- Individual adjustable LED array's allowing the end user to aim output into the desired location
- Decorative design suitable for retail application
- Self-test as standard



ACTSLED/W/3NM



ACTSLED/B/3NM

LED Information

Total (W)	5W
Lumens Delivered	
Emergency Mode	
ACTSLED/W/3NM	368lm
ACTSLED/B/3NM	361lm
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 40C°

	Code	Lamp	Description
Self-Test	ACTSLED/W/3NM	LED	5W - White
Self-Test	ACTSLED/B/3NM	LED	5W - Black
ASBP/6		3.6V 6Ah Ni-Cd Replacement Battery	

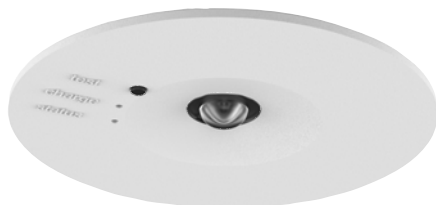


Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Signal LED Pro Lithium Emergency Downlight

Supplied c/w Remote Driver and Battery Pack



ASPRLED/LI/3M/DA
Open Area Lens

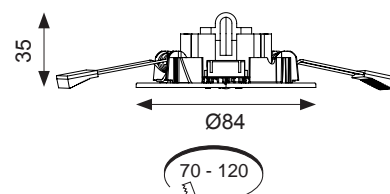


ASPRLED/LI/3M/DA
Escape Route Lens



ASPRLED/LI/3M/DA
Fitted with included Converter Plate Accessory

- Compact LED Non-Maintained fixed downlight
- LiFePO4 Lithium battery provides enhanced product lifetime
- 70mm to 120mm cut-out
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- DALI emergency as standard
- If not connected to DALI network Self-test mode operates automatically



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

Escape route 2 metres wide (1 Lux minimum) *					
Mounting Height (M)	***				
	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	-	-	6	14	
4	-	-	5.5	16	
6	-	-	-	-	

Open (Anti-Panic) area (0.5 Lux Minimum)**					
Mounting Height (M)	***				
	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	4	8	4	8	
4	4.7	9	4.7	9	
6	4.9	9.5	4.9	9.5	

Code	Lamp	Description
ASPRLED/LI/3M/DA	LED	2.5W Non-Maintained

Accessory ASBP/19 6.4V 1500mAh LiFePO4 Lithium Replacement Battery

LED Information

Total (Watts)	2.5W
Lumens Delivered Emergency Mode	
Open Area	209lm
Escape Route	201lm
Beam Angle	
Open Area	144°
Escape Route	143° x 120°
CCT	6000K
Input	220-240V
Hertz	50Hz
Operating Temp	5°C to 40°C

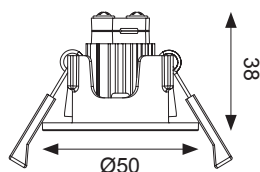
Signal LED Emergency Downlight

Supplied c/w Remote Driver and Battery Pack

- Economic and compact LED Non-Maintained fixed downlight
- Integral selector switch provides option of high/medium/low brightness of green charging indicator
- White and black powder coat paint finish
- LED combines power and green charge indicator
- Dimmable switch included for green charge indicator
- 3 hour emergency output



519



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

LED Information

Total (Watts)	1.5W
Lumens Delivered Emergency Mode	
ASLED/3NM	137lm
ASLED/3NM/B	107lm
Beam Angle	
ASLED/3NM	128°
ASLED/3NM/B	115°
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C



ASLED/3NM

ASLED/3NM/B

		Escape route 2 metres wide (1 Lux minimum) *				
		***	***	***	***	***
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	ASLED/3NM	3	8.5	3	8.5	
4	ASLED/3NM	3	9	3	9	
2.5	ASLED/3NM/B	2.7	7	2.7	7	
4	ASLED/3NM/B	2.6	7.5	2.6	7.5	

		Open (Anti-Panic) area (0.5 Lux Minimum)**				
		***	***	***	***	***
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	ASLED/3NM	3.6	7.5	3.6	7.5	
4	ASLED/3NM	3.6	10.5	3.6	10.5	
6	ASLED/3NM	3.6	11	3.6	11	
2.5	ASLED/3NM/B	3	6.3	3	6.3	
4	ASLED/3NM/B	3	9	3	9	
6	ASLED/3NM/B	3	10.5	3	10.5	

Code	Lamp	Description
ASLED/3NM	LED	1.5W Non-Maintained
ASLED/3NM/B	LED	1.5W Non-Maintained - Black

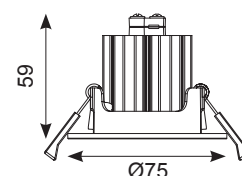
Accessory ASBP/8 3.6V 2Ah Ni-Cd Replacement Battery

Beacon LED Emergency Fixed Downlight

Supplied c/w Remote Driver and Battery Pack



- LED Non-Maintained fixed polycarbonate downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- 123° beam angle



Escape route 2 metres wide (1 Lux minimum) *					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	-	-	3	9.5
	4	-	-	3.3	11.5
	6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	3.5	8.9	3.5	8.9
	4	4	11.4	4	11.4
	6	4.5	12.9	4.5	12.9

- * 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself
- ** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room
- *** Explanation of the symbols:-
Transverse - Wall
 Distance to wall from side of fitting
Transverse - Transverse
 Side to side spacing
Axial - Wall
 Distance to wall from end of fitting
Axial - Axial
 End to end spacing

LED Information

Total (Watts)	5W
Lumens Delivered	
Emergency Mode	316lm
Beam Angle	123°
CCT	6500K
Input	230V
Hertz	50Hz
Operating Temp	0°C to 40°C

Code	Lamp	Description
ABFLED/3NM	LED	5W Non-Maintained

Accessory	ASBP/9	3.6V 4.5Ah Ni-Cd Replacement Battery
-----------	--------	--------------------------------------



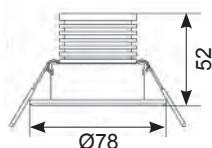
Beacon LED Emergency Adjustable Downlight

Supplied c/w Remote Driver and Battery Pack



521

- LED Non-Maintained adjustable die-cast aluminium downlight
- 3 hour emergency output
- Power and green charge LED are discreetly incorporated within the head
- 22° beam angle



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

Escape route 2 metres wide (1 Lux minimum) *					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2	5.25	2	5.25
	4	2.5	6.5	2.5	6.5
	6	-	-	-	-

Open (Anti-Panic) area (0.5 Lux Minimum) **					

	Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
	2.5	2.25	5.7	2.25	5.7
	4	2.5	7.1	2.5	7.1
	6	3	8.25	3	8.25

LED Information

Total (Watts)	5W
Lumens Delivered	
Emergency Mode	248lm
Beam Angle	22°
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0°C to 40°C

Code	Lamp	Description
ABLED/3NM	LED	5W Non-Maintained
Accessory	ASBP/9	3.6V 4.5Ah Ni-Cd Replacement Battery



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



Raven LED Emergency Downlight

Supplied c/w Integral Driver and Battery Pack



Emergency downlight with integral inverter and battery pack

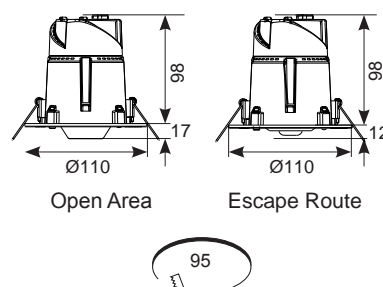


Escape Route



Open Area

- Recessed Self-test emergency downlight with self-contained inverter and battery pack
- Integral components for fast-fit installation
- Option of escape route or open area models
- High performance optic design
- Pre-wired with 150mm rubber insulated cable for ease of installation
- Up to 15 metres spacing between luminaires



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing

Escape route 2 metres wide (1 Lux minimum) *					
 Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
	2.5	-	-	4	10
	4	-	-	3	11
	6	**	**	**	**

Open (Anti-Panic) area (0.5 Lux Minimum) **					
 Mounting Height (M)	Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
	2.5	2.5	4.88	2.5	4.88
	4	2.8	6.69	2.8	6.69
	6	2	8.5	2	8.5

	Code	Lamp	Description
Self-Test	ARALED/ER/3NM/ST	LED	3W Non-Maintained - Escape Route
Self-Test	ARALED/OA/3NM/ST	LED	3W Non-Maintained - Open Area
Accessory	ASBP/14	3.2V 3000mA Li-FePO4 Lithium Replacement Battery	

LED Information

Total (Watts)	3W
Lumens Delivered	
Emergency Mode	
Open Area	114lm
Escape Route	90lm
Beam Angle	
Open Area	43.3°
Escape Route	142° x 49°
CCT	6500K
Input	220/240V
Hertz	50/60Hz
Operating Temp	0C° to 40C°



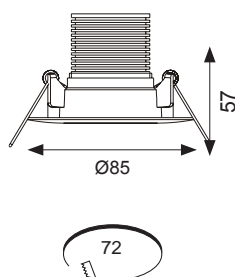
Merlin LED Emergency Downlight

Supplied c/w Remote Driver and Battery Pack



523

- Ultra-low profile recessed self-test emergency downlight
- Self-test as standard
- Option of escape route or open area models
- High specification optic design and performance allows increased spacing providing reduced cost
- Up to 17.8 metres spacing between luminaires



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-
Transverse - Wall
 Distance to wall from side of fitting
Transverse - Transverse
 Side to side spacing
Axial - Wall
 Distance to wall from end of fitting
Axial - Axial
 End to end spacing

LED Information

Total (Watts)	5W	
Lumens Delivered		
Emergency Mode	/B	
Open Area	259lm	191lm
Escape Route	247lm	229lm
Beam Angle		
Open Area	110°	108°
Escape Route	140° x 53°	140° x 53°
CCT	6500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	0°C to 40°C	



AMELED/OA/3NM/ST



AMELED/ER/3NM/ST/B

		Escape route 2 metres wide (1 Lux minimum) *				
		***	***	***	***	***
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	AMELED/ER/3NM/ST	-	-	5.5	14	
4	AMELED/ER/3NM/ST/B	-	-	7.5	19.6	
2.5		-	-	5	14	
4		-	-	7	19.5	

		Open (Anti-Panic) area (0.5 Lux Minimum)**				
		***	***	***	***	***
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial	
2.5	AMELED/OA/3NM/ST	3	6.5	3	6.5	
4		4	9.5	4	9.5	
6		5	11.5	5	11.5	
2.5	AMELED/OA/3NM/ST/B	3	6	3	6	
4		4	9	4	9	
6		4.5	10	4.5	10	

	Code	Lamp	Description
Self-Test	AMELED/ER/3NM/ST	LED	5W Non-Maintained - Escape Route
Self-Test	AMELED/OA/3NM/ST	LED	5W Non-Maintained - Open Area
Self-Test	AMELED/ER/3NM/ST/B	LED	5W Non-Maintained - Escape Route - Black
Self-Test	AMELED/OA/3NM/ST/B	LED	5W Non-Maintained - Open Area - Black

Accessory	ASBP/9	3.6V 4.5Ah Ni-Cd Replacement Battery
-----------	--------	--------------------------------------



Warrington: +44 (0) 1942 433333
 Belfast: +44 (0) 2890 773750





Project - Synecco
Galway, Ireland

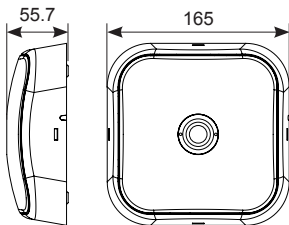
IP65 Falcon LED Surface Emergency Downlight

Supplied c/w Integral Driver and Battery Pack



525

- Compact surface ultra-low profile recessed self-test emergency downlight
- Self-test as standard
- Supplied with open area and escape route interchangeable lenses
- High specification optic design and performance allows increased spacing providing reduced cost
- Up to 19.6 metres spacing between luminaires
- BESA mounting option



* 1 lux minimum must be used for all marked emergency escape routes, to be measured down the centre line of the escape route itself

** 0.5 lux minimum must be used for areas larger than 60m², the maximum value is to be measured across the area excluding 0.5 metre border around the edge of the room

*** Explanation of the symbols:-

Transverse - Wall

Distance to wall from side of fitting

Transverse - Transverse

Side to side spacing

Axial - Wall

Distance to wall from end of fitting

Axial - Axial

End to end spacing



AFALD/3NM/ST/IP65



AFALD/3NM/ST/IP65/B



Open Area Lens



Escape Route Lens

		Escape route 2 metres wide (1 Lux minimum) *			
		***	***	***	***
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	AFALD/ER/3NM/ST	-	-	4.2	10
4	AFALD/ER/3NM/ST	-	-	4.25	12
2.5	AFALD/ER/3NM/ST/B	-	-	4	9.5
4	AFALD/ER/3NM/ST/B	-	-	3.6	11

		Open (Anti-Panic) area (0.5 Lux Minimum)**			
		***	***	***	***
Mounting Height (M)		Transverse to Wall	Transverse to Transverse	Axial to Wall	Axial to Axial
2.5	AFALD/OA/3NM/ST	2.5	5	2.5	5
4	AFALD/OA/3NM/ST	3.5	7.1	3.5	7.1
6	AFALD/OA/3NM/ST	4	9.8	4	9.8
2.5	AFALD/OA/3NM/ST/B	2.5	4.8	2.5	4.8
4	AFALD/OA/3NM/ST/B	3.5	6.8	3.5	6.8
6	AFALD/OA/3NM/ST/B	4	9.8	4	9.8

LED Information

Total (Watts)	3W	
Lumens Delivered		
Emergency Mode	White	Black
Open Area	152lm	142lm
Escape Route	138lm	116lm
Beam Angle		
Open Area	96°	96°
Escape Route	133° x 15°	135° x 17°
CCT	6500K	
Input	230V	
Hertz	50/60Hz	
Operating Temp	0°C to 40°C	

	Code	Lamp	Description
Self-Test	AFALD/3NM/ST/IP65	LED	3W Non-Maintained
Self-Test	AFALD/3NM/ST/IP65/B	LED	3W Non-Maintained - Black

Accessory	ASBP/10	3.6V 3Ah Ni-Cd Replacement Battery
-----------	---------	------------------------------------



Warrington: +44 (0) 1942 433333
Belfast: +44 (0) 2890 773750



LED Panel Pod Emergency

Compatible Infinite and Endurance LED Panels



Top Housing View

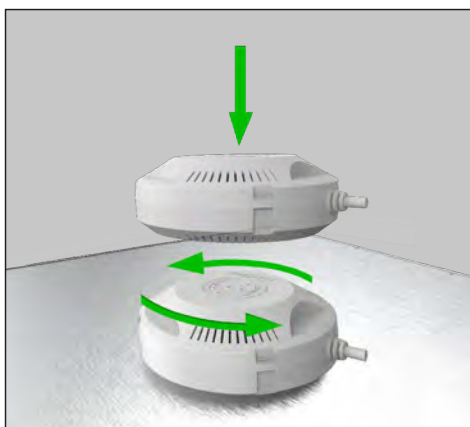


Bottom Housing View
showing Emergency LED



STEP 1

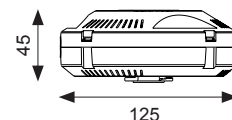
Unscrew coin plug from back of
Ansell LED Panels



STEP 2

Locate and twist Panel Pod
into position. Connect incoming
supply to pre-leaded cable

- Integral emergency pod to convert any new Ansell Infinite LED and Endurance LED panel to emergency, instantly
- Simple, quick twist and lock fixing
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime
- Supplied with a pre-wired 1 Metre cable for ease of installation
- Tri-colour LED shows green for healthy running condition, red/flashing for fault conditions and white for emergency operation
- **UK Patent No. GB2522285**
- **European Patent No. 15165652.7**
- **Irish Patent No. 2015/0128**
- **EC Registered Design No 002712232-0001**



LED Information

Total (Watts)	5W
Lumens Delivered	
Emergency Mode	189lm
Beam Angle	120°
CCT	6500K
Input	230V
Hertz	50/60Hz
Operating Temp	0C° to 45C°

	Code	Lamp	Description
Self-Test	AIRMLD/POD/3NM/ST	LED	5W - Cool White
Accessory	ASBP/21	6.4V 3Ah Li-FePO4 Replacement Battery	



Panel Pod



527



Pre-wired 1 metre cable *

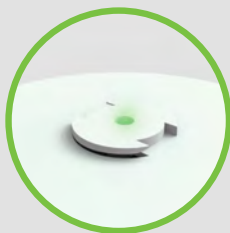
As standard ensuring a fast and easy installation

** 300mm for Panel Pod Sensor*



Twist and Lock Connection

Provides a secure connection and easy installation



Self-Test as standard *

Provides instant indication to status of emergency module and lamp, negating the need for manual monthly and annual checks

** Panel Pod Emergency only*



Detection Area and Angle

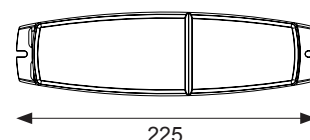
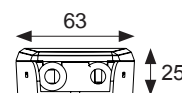
Provides detection area of 360° with a detection angle of 120°



Hawk Universal Lithium Emergency Kit



- Ultra-slim universal Self-test emergency convertor pack for LED luminaires
- Supplied c/w recessed LED indicator housing
- Ideal for most LED panels, Downlights and Linear products
- Compatible for LED luminaires with separate LED driver (Maximum 60V Forward Voltage)
- LiFePO4 Lithium battery provides improved energy consumption, product reliability and lifetime



Forward Voltage	18V	23V	28V	33V	38V	43V
Output Current	59mA	60mA	60mA	62mA	62mA	62mA
Output Wattage	1.06W	1.38W	1.68W	2.05W	2.36W	2.67W

Forward Voltage	48V	53V	54V	55V	56V	60V
Output Current	62mA	62mA	62mA	62mA	62mA	62mA
Output Wattage	2.98W	3.29W	3.35W	3.41W	3.47W	3.70W

Code

Description

AHUEMKIT/LI

Maintained/Non-maintained - Universal Emergency Pack





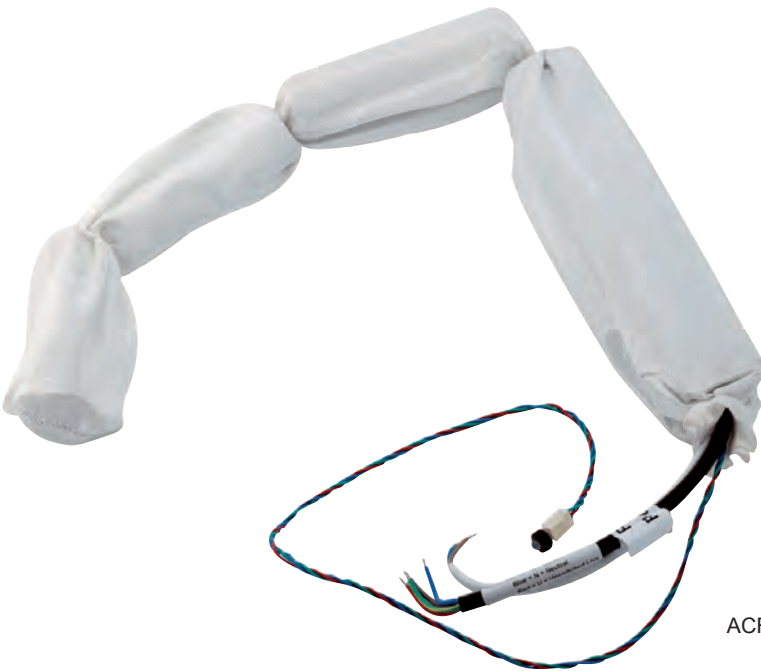
- Emergency lighting pack for use with LED and Mains GU10 CFL Lamps as follows:-

GU10 LED Lamps

Minimum: 3W

Maximum: 8W

- 55mm cut-out aperture
- Will provide 3 hour duration







ACFLP/3

Code	Description
ACFLP/3	Maintained / Non-Maintained - CFL/LED



Technical A-Z

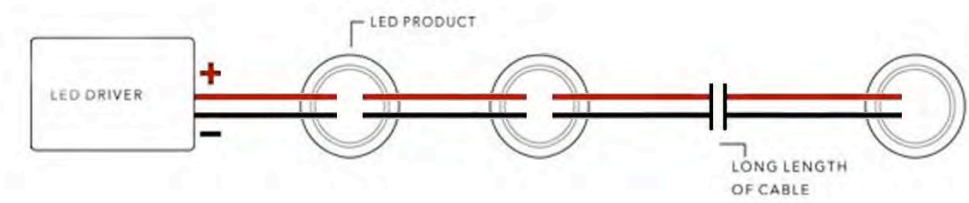
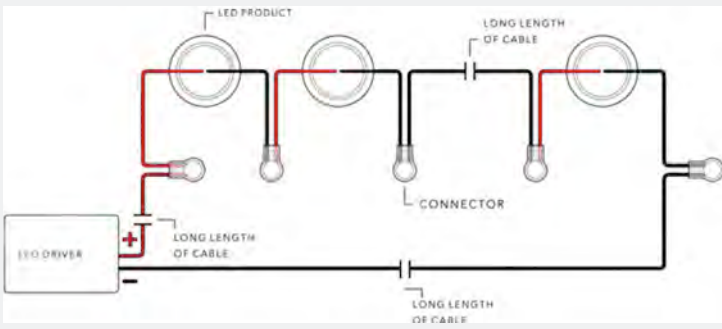
AC Alternating Current	Alternating Current. The movement or flow of electric charge that periodically changes direction. AC current is the format that electricity is supplied in.
Accent Lighting	Accent lighting is directional lighting which highlights and accentuates certain areas or objects.
	316L is a low carbon content grade of Stainless Steel, giving excellent corrosion resistance properties. Due to its corrosion resistance AISI316L is also known as Marine Grade. All Stainless Steel requires a degree of maintenance to ensure its appearance does not tarnish over time. (see ASSCK – Stainless Steel Cleaning Kit below)
Ambient Lighting	The level of background light, usually low and supplemented by Task or Accent lighting.
Ambient Temperature	Surrounding - the ambient temperature is the temperature of the air that surrounds the fixture in the room. A critical criterion for fixture selection especially in extreme temperature environments.
Anti-Ligature	This is a luminaire that is free from points where a cord could be fastened to create a ligature point. If a fitting is classed as Anti-Ligature the ligature risk is eliminated by designing it in such a way that it is not possible for a cordlike object to be looped or tied around it.
ASSCK	Stainless Steel Cleaning Kit To ensure Inox/AISI316L Stainless Steel products from the Collezione Italiana range maintain their high quality finish and appearance, we recommend regular (every 3-4 months) cleaning by using the ASSCK kit.
Asymmetric Distribution	Non-symmetric distribution of light. In many cases, the luminous intensity (light output) may be more pronounced in one direction. Commonly found on floodlights to allow them to be aimed downwards, keeping unwanted upward light spillage to a minimum.
Azimuth	The orientation angle in the horizontal plane, commonly referred to in floodlighting schemes.
Bathroom Zones *Note – The area under the bath is classed as an outside zone providing there is a bath panel in situ which can only be removed with aid of a tool.	<p>Bathroom luminaire installations must comply with legislation; please refer to latest building regulations.</p> <p>Zone 0 – This is inside the bath or shower. Any fitting used in these areas must be SELV and IPX7</p> <p>Zone 1 – This is the area above the bath to a height of 2.25m from the floor. In this zone a minimum rating of IPX4 is required. If a 230V luminaire is used, the circuit must be protected by a 30mA RCD.</p> <p>Zone 2 – This area extends a further 0.6m outside Zone 1. In this zone a minimum rating of IPX4 is required. It is also recommended to have luminaires with a rating of IPX4 around the wash basin (with 0.6m radius of the tap).</p> <p>Outside Zones - Anywhere outside Zones 0, 1 and 2 are classed as outside zones (excluding specific areas) providing water jets are not used, so the minimum rating is IPX0. If water jets are to be used a minimum of IPX5 is required.</p> <p>Full details can be found in the IEE Wiring Regulations.</p> 
Ballast	A device used to operate fluorescent and HID lamps. The ballast, while limiting and regulating the lamp current during operation, provides the necessary voltage to the lamp.
Ballast Losses	Power, which is supplied to ballast but is not converted into lamp energy. Ballast loss is dissipated as heat. There are strict guidelines to ensure only efficient ballasts are used, to avoid unnecessary energy consumption.
Ballast Lumen Factor	The ballast lumen factor (BLF) is the ratio of the light output of the lamp when operated under emergency lighting conditions compared to normal mains supply.
Beam Angle	Somewhat misleading angle of light spread, to which the intensity has fallen of to 50% of the peak value.
Binning (LED)	Binning is the process of methodically sorting and grouping LED's according to measured parameters (normally colour and lumens). This allows design engineers to systematically specify an LED and it allows the manufacturer to order LED's that function consistently. Binning also makes it possible to re-order LED's that match the original.

Brightness		What the eye actually sees. Not to be confused with luminance, which is what a lightmeter, reads.
BSI		British Standards Institute. The UK National Standards Body - www.bsigroup.com Key Standards applicable include BS 476 part 21 Fire test for building Materials (i-Cage Range) BS 5225 Photometric Data for Luminaires BS 5266 Code of practice for Emergency Lighting BS7671 Requirements for Electrical Installations (Wiring Regulations) BS EN 60570 Track systems for Luminaires BS EN 60598-1 Luminaires - General requirements and tests BS EN 60598-2-2 Luminaires – Specific requirements, Recessed Luminaires BS EN 60598-2-5 Luminaires – Specific requirements, Floodlights BS EN 60598-2-6 Luminaires – Specific requirements, In-built Transformers BS EN 60598-2-22 Luminaires - Specific requirements, Emergency Lighting BS EN 61047 Electronic Transformers
Building Regulations		Legal requirements for the installer to adhere to regarding equipment installed in to a building. Standards exist for Domestic and Non-Domestic premises and there are variations in the different countries of the UK.
Candela (CD)		The SI unit of luminous intensity. The intensity of a light source in a Specific direction.
Capacitor		Component that stores electrical energy. Often used for power factor correction and lamp regulation.
CCT		Correlated Colour Temperature (CCT) defines the colour appearance of a white LED. CCT is defined in degrees Kelvin. See also Colour Temperature
CE		European Community conformity mark. This denotes that the item conforms with the requirements of relevant EU Directives
CELMA		Federation of National Manufactures for Luminaires and Electrotechnical Components for Luminaires. A European body committed to improving standards within the lighting industry. www.celma.org
CIBSE		The Chartered Institute of Building Service Engineers. The Society of Light and Lighting, a division of CIBSE, publishes many Lighting Guides, widely used as references for the choice of luminaire and recommended Illuminance level most suitable for a specific area. www.cibse.org
Class I		Luminaires in this class are electrically insulated and provided with connection with earth.
Class II		Luminaire are designed and constructed so that protection against electric shock does not rely on basic insulation only. This can be achieved by means of reinforced or double insulation. No provision for Earthing is provided.
Class III		Protection against electric shock relies on the supply of Safety Extra Low Voltage (SELV) and in which voltages higher than those of SELV are not generated (Max.50V ac or below).
Colour Rendering Index (CRI/Ra)		Known as CRI or Ra. The appearance of surface colours when illuminated by light from a given source. Good colour rendering implies similarity of appearance to that under an acceptable light source, such as natural daylight.
Colour Temperature (Light sources)		Measured in degrees Kelvin. The Lower the Kelvin figure, the Warmer the lamp Colour Temperature e.g. 2700°K is very warm and 6500°K is very cool/Daylight. Warm White generally refers to >3000 °K, White/Intermediate =3500 °K and Cool White <4000 °K
Compact Fluorescent		Small fluorescent lamps from 5W to 57W that are sufficiently compact to emulate an incandescent lamp. The term also applies to TC-L lamps up to 55W.
Corridor Function		Corridor Function is a setting of DD Dimmable control gear for operation with a PIR (standard on/off). Dimmable ballasts reduces light output to approximately 10% when the area is unoccupied and increases to full light output when presence detector (MWS / PIR) is activated.
Data Sheets		Are available for Ansell products to enable Operation and Maintenance manuals to be completed. These can be obtained via www.anselluk.com .

DC Direct Current	DC (direct current) is the unidirectional flow or movement of electric charge; electrons. The intensity of the current can vary with time, but the general direction of movement stays the same at all times. The term DC is used in reference to voltage whose polarity never reverses.
DD1 (Switch Dim)	<p>SWITCH DIM – SwitchDIM operation for ON / OFF and dimming is by means of a push-to-make (retractive) switch, and is the simplest form of dimming. A brief operation of the switch (<0.6sec), will switch ON or OFF. When the push to make switch is held, the ballast is dimmed. On a further push, the ballast is dimmed in the opposite direction.</p> <p>For full operation the circuit should be as shown below, using a 4 core installation (switched live, permanent live supply, neutral and earth).</p>
DD2 (DSI)	<p>DIGITAL DIMMING (DSI) – Require a digital (DSI) signal from an external source to instruct the ballast to switch ON /OFF and dim. A Digital Serial Interface (DSI) translates the signals from the controller and operates the ballast / driver.</p> <p>This system is commonly employed in larger installations with scene-set controllers or energy management systems. Digital dimming is also used for Infra-Red remote control, PIR presence detection and automatic daylight sensing.</p> <p>Each luminaire requires a 3 core mains supply (L E N) and an additional DSI signal cable, normally a 2 core 0.75mm² flexible cable. This is looped around any luminaires to be dimmed together (check with the Dimming Controller supplier as there are a maximum number of ballasts which can be connected together, dependent on lamp type and wattage). An additional Unswitched live is required if the luminaire incorporates emergency control gear.</p>
DD3 (DALI)	<p>Digital Addressable Lighting Interface. A Dimming system that employs DALI protocol-based technology (i.e.digital control signals) to control electronic ballasts, controllers and sensors belonging to the system. Each system component has its own device-specific address, and this makes it possible to implement individual device control.</p> <p>The DALI system offers 64 individual addresses, 16 group addresses and the ability to program each ballast with up to 16 scenes.</p>
DD4 (Analogue Dimming 1-10V)	<p>1-10V control gear requires an analogue (1-10V) signal from an external source to instruct the ballast / LED Driver to dim.</p> <p>This system is commonly employed in larger installations with scene-set controllers or energy management systems. Digital dimming is also used for PIR presence detection and automatic daylight sensing.</p> <p>Each luminaire requires a 3 core mains supply (L E N) and an additional 1-10V signal cable, normally a 2 core 0.75mm² flexible cable. This is looped around any luminaires to be dimmed together (check with the Dimming Controller supplier as there are a maximum number of ballasts / LED drivers which can be connected together, dependent upon lamp type and wattage).</p>
DD5 (OCTO Smart Dim)	Mains / triac dimming option; allowing detailed products to be used in conjunction with OCTO controllers (AOCTO/IC/200 or AOCTO/OC/IP65/200)
Dimmers & Dimming	The process by which luminaires are dimmed from 100% to a minimum level that is not always zero. Most luminaires that are required to be dimmed will need special control gear for this operation and typically additional circuit wiring.
Direct Lighting	Lighting in which the greater part of the luminous flux from the luminaires reaches the surface (usually the working plane) directly, i.e. without reflection from surrounding surfaces.
Directional Lighting	Lighting a display object predominately from one direction. Directional lighting can be used to great effect in retail, display windows or even exterior floodlighting, producing strong modelling/shadows to accentuate the object.
Discharge Lamps	Fluorescent lamps are medium pressure discharge lamps but high-pressure lamps include Metal Halide, Ceramic Metal Halide, and High-pressure Sodium lamps.

DLOR	Downward Light Output Ratio. The ratio of the total light output of a luminaire below the horizontal.
DMX	<p>(Digital Multiplex) is a standard for digital communication networks that are commonly used to control stage lighting and effects. It was originally intended as a standardised method for controlling light dimmers, which, prior to DMX512, had employed various incompatible proprietary protocols. It soon became the primary method for linking controllers (such as a lighting console) to dimmers and special effects devices such as fog machines and intelligent lights.</p> <p>DMX has also expanded to uses in non-theatrical interior and architectural lighting, at scales ranging from strings of Christmas lights to electronic billboards. The use of DMX can now be used to control almost anything, reflecting its popularity in theatres and venues.</p>
Double Insulation	Insulation comprising both basic insulation and supplementary insulation. Also referred to as Class II
Edge Lit	This means that the LED chips are positioned vertically around the perimeter of the product (panel / downlight). Providing an excellent uniform illuminated panel in a fixture as slim as 8mm.
Efficiency	Ratio of power supplied to wattage dissipated.
Efficacy	A metric term used to compare light output to energy consumption. Efficacy is measured in lumens per watt. Efficacy is similar to efficiency, but is expressed in dissimilar units. For example, if a 100-watt source produces 9000 lumens, then the efficacy is 90 lumens per watt
Electromagnetic Ballast (Magnetic Ballast)	Ballast that uses a copper wire winding around a solid core assembly to transform electrical current to start and operate fluorescent and high intensity discharge (HID) lamps.
Electronic Ballasts (High Frequency)	The efficiency of fluorescent lamps can be improved by increasing the frequency of the mains voltage supplied to them. Electronic ballasts and controls can be used to increase the normal mains frequency of 50/60Hz to 25/30KHz improving lamp efficiency by approximately 10%. Electronic ballasts also consume less power than conventional ballasts and when combined with other efficiency benefits, electronic ballasts can achieve savings of around 20% compared to conventional 50/60Hz systems with the same light output levels.
EMC	Electromagnetic Compatibility. Many Electrical items produce unintentional interference, EMC ensures these levels are within guidelines and should therefore not cause unwanted interference with other equipment.
Emergency Lighting	Lighting provided for use when the main lighting installation fails enabling safe exit from a building.
Emergency Lighting test	<p>Testing An Emergency Lighting Installation should undergo regular periodic testing to ensure the luminaires are correctly functioning, also to maintain the condition of the batteries. The testing should be recorded in a log book and follow the schedule of</p> <ul style="list-style-type: none"> • Daily – Visual Check that the charge indicator LED is illuminated • Monthly – A Functional test, that the luminaire operates when mains supply is disconnected • Annually – As Monthly test but for the full rated duration of the luminaire (3hrs)
Escape Route Lighting	Emergency lighting provided on a defined route to ensure that the means of escape from a point in a building to the final exit.
E27 (ES)	Edison Screw (lampholder or lamp cap).
E40 (GES)	Giant Edison Screw (lampholder or lamp cap) common on larger wattage HID lamps.
Filament	The tungsten coil that glows to incandescence when an electric current passes through it.
Fire-Rated	A luminaire, usually a downlight, which has been designed to function also as a fire barrier when installed into a building.
Flicker	A visible oscillation in the luminous flux/light output.
Flood Beam	Reflector lamps and luminaires with in built reflectors having a beam spread of more than 60°
Fluorescent lamps	A lamp, which produces light by a gas discharge that in turn, causes a phosphor coating inside the glass envelope or tube to produce light by fluorescence.
Fluorescent Tubes T12, T8, T5 etc	Refers to their diameter of the lamp glass in eighths of an inch, i.e. 12/8 (38mm) 8/8 (26mm) 5/8(16mm) and respectively. Lamps may be linear or compact fluorescent type.

Flux	(Lumens) falling on to a surface.	
Frequency General Lighting	Rate of alternation in an AC current. Expressed in cycles per second or hertz (Hz). Lighting designed to illuminate the whole of an area uniformly without provision for special local requirements.	
Glare	Refers to the difficulty seeing in the presence of bright light such as direct or reflected sunlight or artificial light such as direct LED output. Because of this, some luminaires include opal diffusers or reflectors to provide an anti-glare function.	
Hazardous Area	An environment in which a risk of fire or explosion exists. Commonly referred to as Zone 1, Zone 2 etc, but not to be confused with the Zones of space in bathroom areas. Ansell do not offer any equipment suitable for Hazardous areas.	
Hertz (Hz)	Cycles (frequency) per second.	
High Risk Task Area	A requirement within Emergency Escape Lighting provided to ensure the safety of people involved in a potentially dangerous process or situation and to enable proper shut down procedures for the safety of the operator and other occupants of the premises.	
High Power LED	A high power LED, one that is driven at a current of 350mA or higher.	
Illuminance	A photometric term that quantifies the light on a surface or plane. It is expressed in lumens per m ² (lux). This can be calculated or measure with a lightmeter.	
Illumination	The density of luminous flux on a surface this parameter shows how "bright" the surface point appears to the human eye.	
Incandescent Lamp	A lamp which produces light by electrically heating a filament.	
Indirect Lighting	A system by which light is reflected from a primary surface, usually ceiling or walls, before reaching the working/task plane. Some luminaires by their design offer indirect lighting.	
IP Ratings	The designation to indicate the degree of protection consists of the characteristic letter IP followed by two numerals. The first numeral indicates the degree protection against the ingress of solid of objects, whereas the second numeral refers to the degree of protection against the ingress of water. The following symbols are appropriate:	
Classification of Ingress Protection	Protection Against Solid Objects IP20 Greater than 12mm IP21 Greater than 12mm IP22 Greater than 12mm IP23 Greater than 12mm IP40 Greater than 1mm IP43 Greater than 1mm IP44 Greater than 1mm IP54 Dust-protected IP55 Dust-protected IP64 Dust-tight IP65 Dust-tight IP66 Dust-tight IP67 Dust-tight IP68 Dust-tight IP69 Dust-tight	Protection Against ingress of Water Non-protected Dripping water Dripping water (up to 15° angle) Spraying water (up to 60° angle) Non-protected Spraying water (up to 60° angle) Splashing water Splashing water Water jets Splashing water Water jets Powerful water jets Water immersion Submersion to declared depth Powerful high temperature water jets
Initial Lumens	Lumen output of a lamp after it has been operating 100 hours.	
Input Voltage	Voltage provided to a ballast/luminaire by the power supply.	
Inrush Current	Components such as LED drivers can have high inrush currents for milliseconds; this should be considered when specifying switching and breaker ratings.	

Illuminance	The amount of light.
Illumination Level	Refers to light levels of a space at other than initial or rated conditions. This term considers light loss factors such as lamp lumen depreciation, luminaire dirt depreciation, and room surface dirt depreciation.
Isolux Diagram	A diagram showing contours of equal illuminance. Can be used to determine the direct illuminance on a plane.
Kelvin	A measurement of temperature. $1^{\circ} \text{ F} = 256^{\circ} \text{ Kelvin}$. $1^{\circ} \text{ C} = 274^{\circ} \text{ Kelvin}$. Used to measure colour temperature. The SI unit of temperature used to express colour temperature. The temperature in Kelvin (K) is approximately equal to the temperature in Celsius ($^{\circ}\text{C}$) plus 273.
Kwh	The kilowatt-hour (symbolised kWh) is a unit of energy equivalent to one kilowatt of power expended for one hour of time. This figure is required to complete energy comparison calculations.
Lamp	A device which converts electrical energy into light.
LED	Light-emitting Diode. An LED is a solid-state semiconductor device that converts electrical energy directly into light.
LED Driver / Converter	An LED driver is a device that manages power and controls the current flow for an LED lighting product. LED lighting does not require high voltage, and depending on the application, could even use batteries or solar power. In the HB-LED lighting market, the term driver is usually applied to a device that can accept an input voltage and produce the required voltage. An important factor that affects the correct selection of a particular driver is the way in which multiple LEDs are actually wired together.
LED Parallel Wiring	<p>Parallel wiring means that each component has the same supply voltage and all fittings on the circuit will have the same voltage across the luminaire terminals. The battery current (Amps) is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will stay lit.</p>  <p>The diagram illustrates parallel wiring for LED products. An LED DRIVER is connected to a series of LED PRODUCTS. Each LED PRODUCT is connected in parallel to the main supply lines. A LONG LENGTH OF CABLE is shown connecting the LED DRIVER to the first LED PRODUCT. Another LONG LENGTH OF CABLE is shown connecting the last LED PRODUCT back to the LED DRIVER.</p>
LED Series Wiring	<p>Series wiring means that each component has the same current and the battery voltage is divided by the number of luminaires on the circuit. If one luminaire fails then the remaining fittings on that circuit will NOT stay lit. Please note that incorrect wiring of an LED can result in irreparable damage to the LED and associated power supplies.</p>  <p>The diagram illustrates series wiring for LED products. An LED DRIVER is connected to a series of LED PRODUCTS. Each LED PRODUCT is connected in series to the next. A LONG LENGTH OF CABLE is shown connecting the LED DRIVER to the first LED PRODUCT. Another LONG LENGTH OF CABLE is shown connecting the last LED PRODUCT back to the LED DRIVER. A CONNECTOR is shown joining the two LONG LENGTHS OF CABLE.</p>
LED White	Previously, the only way to produce white LED light was by the additive colour mixing of the three basic colours using so-called MULTILED, i.e., three semiconductor chips (red, green and blue LED) had to be combined. Today, manufacturers can produce white LED light with only a single chip. In luminescence conversion, only a blue LED is used, whose light stimulates a luminescent substance that emits yellow light, the system produces the colour white. Depending on the composition of the luminescent substance, various white tones can be achieved such as warm white, cool white etc

LIA	<p>Ansell Lighting is an accredited member of this leading UK trade organisation. All Ansell manufacturing facilities are audited on an annual basis to ensure compliance and quality.</p> <p>www.thelia.org.uk</p>
Lighting Design	<p>Ansell offer a lighting design service provided by a team of vastly experienced and industry qualified staff. A simple to complete form is available to ensure designs are prepared with all of the correct criteria taken into consideration.</p> <p>Contact: E: lightingdesign@anselluk.com T: 01942 433 537</p>
Light Meter	<p>or exposure meter. A device use for the measurement of light intensity. This should have a cosine corrected sensor, usually a convex shape, to measure light falling on to it from all directions and a digital readout for accuracy.</p>
Light Spillage/Trespass	<p>Unwanted or nuisance light which is spilled beyond the boundry of the illuminated property or area.</p>
Lm/W	<p>Lm/W can be separated into two categories: Lumens per Watt and Luminaire Lumens per Watt. Each can be used dependent upon the requirement and application type.</p> <p>Lumen per Circuit Watt is a measure of the efficacy of a light source in terms of the total lamp lumens compared to the power consumed. For example, a 100-watt fixture producing 1750 lumens gives 17.5 lumens per watt.</p> <p>Luminaire Lumens per Circuit Watt is a measure of the total lamp lumens and how the luminaire manipulates this light (L.O.R.) compared to the power consumed. For example, a 100-watt fixture producing 1750 lumens with a L.O.R. of 0.50 gives 35 luminaire lumens per watt.</p>
LOR	<p>Light Output Ratio. The ratio of the total light output of a luminaire under stated conditions to that of the lamp or lamps under reference conditions. The higher the figure, the more efficient the luminaire is. LOR may consist of any ratio of DLOR and/or ULOR.</p>
Lumen	<p>Standard unit of luminous flux. Describes the quantity of light emitted by a light source or received by a surface.</p>
Lumen Depreciation	<p>Figures published refer to the L50, L70 or L80 classification system where the number relates to the percentage of light output. So a 30,000hr L70 LED would be expected to have 70% of its rated output at 30,000hrs. LED's are subject to very small operating temperature parameters and figures quoted are typically at 25°C.</p>
Luminance	<p>The physical measure of brightness measured by the luminous intensity of the light emitted or reflected in a given direction from a surface element dived by the area of the element in the same direction. The SI unit of luminance is the candela per square metre (Cd/m²) It is very difficult to determine other than with a luminance meter.</p>
Luminous Efficiency	<p>The ratio of the luminous flux emitted by a lamp to the power consumed by the lamp. When the power consumed by the control gear is taken into account this term is sometimes known as lamp circuit luminous efficacy and is expressed in lumens/circuit watts.</p>
Lux	<p>The metric unit of measure for illuminance of a surface. One lux is equal to one lumen per metre-squared.</p>
Maintained Luminaire	<p>A luminaire containing one or more lamps all of which operate from the normal supply or from the emergency supply when required.</p>
Metal Halide Lamp	<p>A high intensity discharge (HID) lamp, which uses a mercury discharge modulated by other additives to give, enhance colour and efficiency.</p>
Mercury Lamp	<p>A type of high intensity discharge (HID) lamp in which most of the light is produced by radiation from mercury vapour. Available in clear and phosphor-coated lamps.</p>
Microwave Sensor (MWS)	<p>Microwave Sensor(MWS) Sophisticated presence detector that uses low power Microwave signals which are then reflected by moving persons and measured using the "Doppler effect" method. As lamps will have life expectancy affected by frequent switching, sensors integral to Ansell luminaires have been configured to maximise lamp life.</p>





















M3	Maintained 3hour, Mode and duration (minimum with fully charged batteries) of an Emergency luminaire. To ensure the full duration is achieved, Emergency luminaires must be correctly maintained to condition the batteries.
Night Light (NL)	A light source used only to provide low levels of illumination at night, for security or safe movement of persons. This may either be a standalone luminaire or an option incorporated within a luminaire used for general lighting. Low wattage compact fluorescent lamps are ideal for this application.
NiCd	The nickel–cadmium battery (NiCd battery or NiCad battery) is a type of rechargeable battery using nickel oxide hydroxide and metallic cadmium as electrodes. The abbreviation Ni-Cd is derived from the chemical symbols of nickel (Ni) and cadmium (Cd)
NiMh	A nickel–metal hydride battery, abbreviated NiMH or Ni–MH, is a type of rechargeable battery. Its chemical reactions are somewhat similar to the largely obsolete nickel–cadmium cell (NiCd). NiMH use positive electrodes of nickel oxyhydroxide (NiOOH), like the NiCd, but the negative electrodes use a hydrogen-absorbing alloy instead of cadmium, being in essence a practical application of nickel–hydrogen battery chemistry. A NiMH battery can have two to three times the capacity of an equivalent size NiCd, and their energy density approaches that of a lithium-ion cell.
Non-Maintained Luminaire	Luminaire is off when the mains power is available to charge the batteries. Upon supply failure the luminaire is energised from the battery pack.
Open (anti-panic) Area Lighting	A part of Emergency Escape Lighting provided to avoid panic and provides illumination-allowing people to reach a place where an escape route can be identified.
Operating Frequency	Refers to the frequency at which the output of a lamp or LED source operates per second. Electronic or high frequency control gear will increase the operating frequency into an operating frequency that the human eye cannot detect.
PIR	<p>Passive InfraRed (Detectors) are a type of occupancy sensor. Ansell do not recommend HF compact fluorescent luminaires controlled by PIR's and they should have a minimum of a 20 minute switching cycle.</p> <p>The PIR's are suitable for LED lamps / luminaires. LED lamps / luminaires can be switched at any frequency but provision must be taken for the in-rush current of the LED control gear. Ansell recommends the use of branded PIR devices.</p>
Phosphor	The powder coating in an electric discharge lamp is the phosphor. The most common chemical used to make white light is calcium halophosphate. Other colours can be produced by a variety of other chemicals.
Photocell	A light-sensing device used to control luminaires and dimmers in response to detected light levels.
Phase Cut Off / Resistive Dimmers	Devices used to vary the brightness of a light. By decreasing or increasing the RMS voltage and, hence, the mean power to the lamp, it is possible to vary the intensity of the light output. Although variable-voltage devices are used for various purposes, the term dimmer is generally reserved for those intended to control light output from resistive incandescent, halogen, and (more recently) compact fluorescent lights (CFLs) and light-emitting diodes (LEDs). More specialised equipment is needed to dim fluorescent, mercury vapor, solid state and other arc lighting.
Photometrics	Photometrics is a term that expresses the result of scientifically tested Ansell Lighting products to produce information that can be used in lighting design packages such as Relux. This information is available for download at www.anselluk.com/downloads
Ra	See Colour Rendering
REACH	Registration, Evaluation, Authorisation & restriction of Chemicals. An EU Directive covering the use of hazardous chemicals used in the manufacturing process and supply of products.
Relux	The Ansell Lighting design department utilises Relux as the standard lighting design package and visual presentation tool. This programme is available free for download from www.relux.biz

RoHS	<i>Restriction of Hazardous Substances (2002/95/EC) is an article 95 directive, meaning it is consistent across all European Union member states. Since July 1st 2006 the use of hazardous substances is restricted in products, to prevent damage to the environment. The prohibited substances are Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls and Polybrominated Diphenyl Ethers.</i>
Self-Contained	<i>The most common type of Emergency lighting luminaire, where all of the components are within one luminaire. This can include gear boxes connected directly to individual luminaires but outside the main luminaire housing.</i>
Self Test Emergency	<i>The Self-Test circuit utilises an accurate internal clock which is programmed to interrupt the permanent mains supply at set intervals thus initiating emergency lighting tests. The Self Test units are supplied pre-programmed to initiate short duration tests once every month, a one third duration test after six months and a full duration test once every 12 months (as recommended in BS5266 and EN50172).</i>
SELV	<i>Separated Extra-Low Voltage. An extra-low voltage system, which is electrically separated from Earth and from other systems in such a way that a single fault cannot give rise to the risk of electric shock.</i>
Stroboscopic Effect	<i>The optical elusion of motion in which moving objects appear stationary when illuminated with periodically changing light. This is due to the movement of the item occurring at the same frequency as the supply to the lamp, normally 50Hz or 50 times per second. This can be particularly dangerous in industrial applications but can be cured by using high frequency control gear.</i>
Symmetrical Distribution	<i>Symmetric distribution of light. In many cases, the luminous intensity (light output) is distributed exactly the same either side of the lighting plane. Commonly found on floodlights, downlights and projectors.</i>
Task lighting	<i>Localised lighting intended for a specific task, examples include bedhead reading lights, desk lamps and inspection bench lighting.</i>
t°C	<i>Rated value of the casing's maximum operating temperature. Typically marked on control gear components.</i>
Thermal Cut-out	<i>A protection from overheating due to abnormal lamp conditions (rectifier effect, short circuit or overload), with automatic restart after cooling. If a lamp is in a cycle of, runs for a duration, turns off, then restarts and runs for the duration again, it is likely that a thermal cut-out is operating.</i>
Thermal Performance	<i>This term refers to the design / thermal management of a luminaire.</i>
TP(a), TP(b)	<i>The Building Regulations Approved Document B2 (buildings other than dwellinghouses) places restrictions on the use of certain thermoplastic materials when they are used as lighting diffusers and form part of a ceiling. TP(a) rated materials may be used almost without restriction, restrictions exist on the use of TP(b) rated materials.</i>
Transformer	<i>A device by which the voltage of alternating current is changed. Traditional transformers are constructed by copper wire wound around an iron core, Electronic transformers are also commonly found. Typically used for supplying low voltage lamps, most transformers can be dimmed. The success of dimming depends on many factors including the type of dimmer and transformer used. Ansell can not recommend particular dimmers and suggest that the dimmer supplier is consulted for compatibility.</i>
ULOR	<i>Upward Light Output Ratio The ratio of the total light output of a luminaire above the horizontal.</i>
Unified Glare Rating	<i>UGR is a calculated value for the amount of glare or discomfort produced by a luminaire; its value ranges from 10 to 30, the higher the value the more perceptible the glare effect.</i>
Utilisation Factor	<i>The proportion of the luminous flux emitted by a light source, which reaches the working plane.</i>
UV Ultra Violet	<i>Invisible radiation that is shorter in wavelength and higher in frequency than visible violet light (literally beyond the violet light). Lamps that emit varying degrees of long wave ultraviolet light, which does cause harm or degradation overtime, may require filters to absorb the UV. A 'failed' lamp that does not emit any visible light is still capable of emitting high levels of UV light but is not noticed as the lack of visible light gives the impression that the lamp is not operating. The high levels of UV can then cause damage to materials, particularly plastics, with dis-colouration and crumbling of the material. Therefore failed lamps should always be replaced immediately. Ultraviolet light source can be used to create special lighting effects with fluorescent materials. UV sources can be incandescent, fluorescent, or preferably HID lamps.</i>

Voltage	<i>The electric potential which exists between two components in an electrical circuit. Lamps are rated in terms of wattage at a specific voltage. Operating a lamp at another voltage from that which it is rated may cause the lamp to burn at less than full intensity or to burn out very quickly.</i>
Watt (W)	<i>The unit for measuring electrical power. It defines the rate of energy consumption by an electrical device when it is in operation. The energy cost of operating an electrical device is calculated as its wattage times the hours of use. In singlephase circuits, it is related to volts and amps by the formula: Volts x Amps x Power Factor = Watts. (Note: For AC circuits, Power Factor must be included.)</i>
WEEE	<p><i>Compliance with the Waste Electrical and Electronic Equipment Directive.</i></p> <p><i>This covers the collection, treatment and recycling of equipment at end of life. WEEE producer numbers are</i></p> <p><i>Ansell Electrical Products (Warrington) - WEE/FH0429XT</i></p> <p><i>Ansell Sales and Distribution (Belfast) - WEE/GJ0292UQ</i></p> <p><i>When supplied as B2B EEE the producer invokes regulation 12.2 and passes all WEEE obligations to the end user.</i></p>
Zenith	<i>The direction directly above the luminaire (180° angle). Term used in floodlighting designs.</i>

Technical Lamp Types

Lamp Type Voltage(V)	Rating (W)	Light Flux (lm)	Illustration	Cap/Base Type	Colour Temperature	
PL-S	5	250		G23	4000K	230
	7	400				
	9	600				
	11	900				
PL-C (2-Pin)	10	600		G24 d-1	4000K	230
	13	900		G24 d-1		
	18	1,200		G24 d-2		
	26	1,800		G24 d-3		
PL-C (4-Pin)	10	600		G24 q-1	4000K	230
	13	900		G24 q-1		
	18	1,200		G24 q-2		
	26	1,800		G24 q-3		
PL-T	13	900		GX24 q-1	4000K	230
	18	1,200		GX24 q-2		
	26	1,800		GX24 q-3		
	32	2,400		GX24 q-3		
	42	3,200		GX24 q-4		
	57	4,300		GX24 q-5		
	70	5,200		GX24 q-6		
Megaman Clusterlite	60W	4,000		E27	4000K	230
PL-L	18	1,200		2G11	4000K	230
	24	1,800				
	36	2,900				
	40	3,500				
	55	4,800				
	80	6,000				
TC-DD (2 Pin)	16	1,050		GR8	3500K	230
	28	2,050				
TC-DD (4 Pin)	16	1,050		GR10q	3500K	230
	28	2,050				
	38	2,700				
T5c	40	3,400		2GX13	4000K	230
	55	4,300				
GX53	7	350		GX53	2700K/4000K	230
	9	450				
	11	570				
	13	650				
T5 Miniature	4	150		G5	3500K	230
	6	260				
	8	420				
	13	850				
T5 High Efficiency	14	1,350		G5	4000K	230
	21	2,100				
	28	2,900				
	35	3,650				
T5 High Output	24	2,000		G5	4000K	230
	39	3,500				
	49	4,900				
	54	5,000				
	80	7,000				
	80	7,000				
T8 Triphosphor	18	1,350		G13	4000K	230
	36	3,350				
	58	5,200				
	70	6,000				
	70	6,000				

Lamp Type	Rating (W)	Light Flux (lm)	Illustration	Cap/Base Type	Colour Temperature	Voltage (V)
T8 Halophosphor	15	950		G13	3500K	230
	18	1,150				
	30	2,175				
	36	2,850				
	58	4,600				
	70	5,500				
T8 LED Tubes	10	1050		G13	4500K	230
	18	2000				
	22	2350				
SONE-I	70	5,300		E27	2000K	230
SONT	150	15,000		E40	2000K	230
	250	27,500				
	400	50,000				
SONT	1,000	130,000		E40	2050K	230
SONE	250	26,000		E40	2000K	230
	400	47,500				
MBF	80	3,800		E27	4100K 4000K	230
	125	6,500				
MBF	250	15,000		E40	3500K	230
	400	22,500				
HQI-TS	70	5,500		RX-7	4200K	230
	150	10,000				
HQI-E	70	5,300		E27	4000K	230
	150	13,300				
HQI-E	250	23,800		E40	4000K	230
	400	41,000				
HQI/T (MBI/T)	200	20,000		E40	4000K	230
	250	18,900				
	320	30,000				
	400	32,400				
HPI/T	250	19,000		E40	4000K	230
	400	33,000				
HQI/T (MBI/T)	1,000	85,000		E40	6000K	230
	2,000	240,000				415
CDM-T	35	4,000		G12	3000K	230
	70	7,750				
	150	15,000				
CDM-TC	35	4,000		G8.5	3000K	230
	70	7,650				
GLS Halogen	30	405		B22	2700K	230
	46	700				
	70	1,200				
Striplight	60	710		S19	2700K	230
G4	20	260		G4	2900K	12
G9	40	490		G9	2900K	230
	60	820				

Product Name Index

542

Product	Page
Adder	234
Adder Accessories	235
Aero	212, 307
Airbeam	453, 470
Alto LED	305
Aluminium Profiles for LED Strip	226
Antila	293
Anzo	116
Aquila	382
Arco Bollard	368
Arco Wall Light	276
Argo Gimbal	119
Argo IP65 Downlight	118
Astro CCT	324
Asur	426
Beacon Adjustable	124, 521
Beacon Fixed Downlight	125, 520
Beam AC LED	308
Beta LED	254
Boa	232
Boa Accessories	233
Brock Bollard	372
Brock Wall Light	298
Brooklyn	474
Calinor	420-421
Callisto Low Level	270
Callisto Wall/Ceiling	269
Calore E27	349
Camini LED	338
Centurion	503
Cobra	236
Cobra Accessories	237
Colossus HO	409
Comfort CCT	133
Comfort CCT	107
Comfort LED CCT HP	108
Comfort LED Wallwash	109
Comfort Tunable White	104
Como	168
Compass Adjustable Projector Track	200
Condor Twin Spot	517
Converter Kit Low Voltage and GU10	160
Corvus	217, 291
Crescent	469
Dara	169
Decco	209
Deco High Bay	210, 437
Defender	486
Delta CCT	325
Disco	258, 322
Disco Slim	256, 320
Disco Slim CCT	255, 319
Disco Slim Halo	257, 321
Dolce	278
Doppio	303
Doppio HP	304
Dual Voltage Razor Light	261
Duet	374
Dugas	286
Duo	215
Duo Midi	287
Duo Midi LED	301
E27 Aluminium Bulkhead	336
E27 Polycarbonate Bulkhead	337
Eagle 3-In-1	510
Eaves	465
Eclipse	310
Eden	422-423
Edge GU10 Fire Rated Downlight	145
Edge GU10 Fire Rated Gimbal	146
Edge GU10 IP65 Fire Rated Downlight	147
Elite	213
Encore	507
EndLED Lithium	506
Endurance	478-483
Facet	220

Product	Page
Fascia	219
Fidenza	344
Flora	391
ForceLINE	440
Freska	112
Freska Surface	134
Fresno	399-401
Furia	268
Galaxy CCT	102
Galia	272
Gamma	252, 316
Gamma CCT	253, 317
Gamma Mini	250, 314
Gamma Mini CCT	251, 315
Garda	390
Gemini	467
Gila Bollard	371
Gila Wall Light	297
Gridline Duo	488
GU10 Adjustable Inground Uplight	403
GU10 LED Emergency Lighting Pack	529
GU10 Mains Voltage Track Pack	167
GU10/MR16 Inground Uplight	402
Guardian	501
Harrier	513
Hawk	130, 528
Helder Circular	330
Helder Oval	331
iCage Mini 50W GU10 Die-Cast Downlight	140
iCage Mini 50W GU10 Die-Cast Gimbal	142
iCage Mini IP65 50W GU10 Die-Cast Downlight	143
Infinite	476
Inox Stainless Steel Bricklight	346
IP65 Concho	242
IP65 Falcon	128, 525
IP65 GU10/MR16 Die-Cast Bathroom Downlight	157
IP65 Owl	514
IP65 T8 Pre-Wired Non Corrosive For LED Tubes	443
Iris	121
Jazz	259, 318
Kappa	274
Kestrel	511
Kite	502
Krait	230
Krait Accessories	231
Lampara	356
Lanzia	171
Latina LED Half Lantern	350
Latina LED Wall Lantern	352
Latina Polycarbonate Half Lantern	351
Latina Polycarbonate Wall Lantern	353
Lazer	386
LED Dimmable Drivers	224
LED Drivers Constant Current Non-Dimmable	223
LED Drivers Constant Voltage Non-Dimmable	222
LED Emergency Lighting Pack	131
LED Twin Spot	516
Leo CCT	378
Libra	383
Libretto	343
Lodi	114-115
Lota	487
Lucca CCT	284
Lynx	425
Lynx Mini CCT	424
Lyric GU10	148
Mains Voltage 16A Single Circuit Track	173
Mains Voltage 16A Single Circuit Track Accessories	174-175
Mains Voltage 16A Three Circuit Track	189
Mains Voltage 16A Three Circuit Track Accessories	190-191
Mamba	240
Matala	273
Matrix CCT	244
Mattone CCT	340
Mercury CCT	312-313
Merlin	127, 523

Product	Page
Meteor	389
Millau CCT	462
Mini 24V Single Circuit Track	163
Mini Vision 3	327
Mira	414-415
Mira 2	410
Mitre	218
Monarch	500
Monza	380
Monza Inox Stainless Steel	381
Multicurrent and Voltage Dimmable	225
Nappa CCT	285
Neptune CCT	490
Nizza	357
Novara Surface GU10	137
OCTO Indoor CCT/RGBW Controller	39
OCTO Indoor Controller	38
OCTO Indoor Wireless Architectural Smart Switch	44
OCTO Indoor Wireless Smart Switch	45
OCTO Indoor Wireless Xpress Smart Switch	46
OCTO IP65 Smart PIR Sensor	51
OCTO IP65 Wireless Smart Switch	47
OCTO Outdoor Controller	43
OCTO Smart High Bay Open Area PIR Sensor	53
OCTO Smart High Bay Racking Aisle PIR Sensor	52
OCTO Smart Lamp	37
OCTO Smart PIR Sensors	50
OCTO Wireless Push to Make Switch Interface	48
OCTO WiZ 400W Indoor Controller Retro-Connector	34
OCTO WiZ A60 RGBTW Smart Lamp	28
OCTO WiZ A60 Tuneable White Smart Lamp	27
OCTO WiZ G95 RGBTW Smart Lamp	29
OCTO WiZ Venom RGBW Flexible LED Strip Kit	31
Onix	431
Opti-Lux	442
Orbio 360 Accessories	63
Orbio 360 Downlight	62
Orion	411
Orno	384
Osprey	504
Otto	461
Oxford	473
Panel Pod Emergency	526
Panel Pod Emergency and Panel Pod Sensor	484
Parona	339
Pavia Solar Bollard	362
Pavia Solar Wall Light	279
Pluto	491
Prism	70
Prism CCT Gimbal	69
Prism CCT Pack	72
Prism Pro	66
Prism Pro CCT Pack	68
Prism Pro WiZ FRD	32, 64
Profile Dual Voltage LED Razor Light	260
Proline	471
Python	238
Raven	126
Raven	522
Razzo	512
Reef CCT Bi-directional Wall Light	292
Reef CCT Fixed and Adjustable Surface Downlights	267
Reveal Cabinet Light	247
Reveal Tri-Light	248
Rieti	135
Riola	216, 290
Roma	354
Rondo	387
Ruby	205
Secco	206-207
Segano	296
Senza Bollard	367
Senza Wall Light	275
Sidu	464
Signal	123, 519
Signal	122, 518
Single Circuit Low Profile Unity 2 LED Track	

Product	Page
Single Circuit Unity Wallwash LED Mains	178
Sleek 110V Polycarbonate Bulkhead	186
Sleek Polycarbonate Bulkhead	335, 451
Sorrento 2 CCT	334
Spectrum	333
Spektrum CCT Panel Frame	221
Stormloc	475
Subra	445
Swift	392
Talana Solar Bollard	497
Talana Solar Wall Light	364
Tandem	281
Taurus	288
Tempo	377
Topline 6	277
Tornado	454
Tornado 110V	448
Tornado Pro	450
Tridon CCT	446
Trio Cabinet Light Kit	283
Turlock	249
Twistlock GU10 / 35W IP44 Outdoor Die-Cast Gimbal	394-398
Twistlock GU10 35W IP44 Die-Cast Downlight	159
Twistlock GU10 50W Die-Cast Downlight	155
Twistlock GU10 50W Die-Cast Gimbal	149
Twistlock GU10 50W Die-Cast Square Gimbal	151
Twistlock GU10 IP65 Downlight	152
Uni	156
Unity 0 Single Circuit	136, 214
Unity 0 Surface LED Mains	179
Unity 0 Three Circuit	202
Unity 1 LED Track	193
Unity 1 Single Circuit	177
Unity 1 Three Circuit	180
Unity 100 Square Downlight	194
Unity 100 Wallwash	88
Unity 125 Downlight	92
Unity 125 Square	83
Unity 150 DHP	89
Unity 150 Downlight	86
Unity 150 Square Downlight	84
Unity 150 Wallwash	90
Unity 175 Wallwash	95
Unity 2 Single Circuit	96
Unity 2 Three Circuit	182
Unity 3 Single Circuit	197
Unity 3 Three Circuit	184
Unity 4 Single Circuit	198
Unity 4 Three Circuit	185
Unity 80 Downlight	199
Unity 80 Gimbal	78
Unity GC Pro Adjustable	80
Unity GC Pro Fixed	74
Unity Mini 24V Adjustable Trackspot	76
Unity Mini 24V Adjustable Trackspot Accessories	165
Unity Rectangular Wallwash	164
Unity S and R	97
Unity S and R Retractable	101
Uno	99
Urano Inox Country	282
Urano Inox Stainless Steel	360
Vasco LED CCT	359
Vaste	463
Vega	412-413
Venus	111
Viper	489
Vision 3 CCT	239
Vision 3 HP	328
Volant	329
Watchman	347
Watchman Lithium	509
Z LED	508
Zart	439
Zion	295
Zion White	416-417
Zita	418-419

Product Price Index

544

Product Code	Page	Lm/W	Kg	Trade
A/3MON/GU10/B	191	N/A	0.16	
A/3MON/GU10/SS	191	N/A	0.16	
A/3MON/GU10/W	191	N/A	0.16	
A/3MT1/B	189	N/A	0.88	
A/3MT1/SS	189	N/A	0.88	
A/3MT1/W	189	N/A	0.88	
A/3MT2/B	189	N/A	1.79	
A/3MT2/SS	189	N/A	1.79	
A/3MT2/W	189	N/A	1.79	
A/3MTA/B	191	N/A	0.07	
A/3MTA/SS	191	N/A	0.07	
A/3MTA/W	191	N/A	0.07	
A/3MTBC/B	190	N/A	0.06	
A/3MTBC/SS	190	N/A	0.06	
A/3MTBC/W	190	N/A	0.06	
A/3MTDE/B	190	N/A	0.01	
A/3MTDE/SS	190	N/A	0.01	
A/3MTDE/W	190	N/A	0.01	
A/3MTFC/B	191	N/A	0.08	
A/3MTFC/SS	191	N/A	0.08	
A/3MTFC/W	191	N/A	0.08	
A/3MTLC/P/B	191	N/A	0.15	
A/3MTLC/P/SS	191	N/A	0.15	
A/3MTLC/P/W	191	N/A	0.15	
A/3MTLC/PO/B	191	N/A	0.15	
A/3MTLC/PO/SS	191	N/A	0.15	
A/3MTLC/PO/W	191	N/A	0.15	
A/3MTLE/P/B	190	N/A	0.05	
A/3MTLE/P/SS	190	N/A	0.05	
A/3MTLE/P/W	190	N/A	0.05	
A/3MTLE/PR/B	190	N/A	0.05	
A/3MTLE/PR/SS	190	N/A	0.05	
A/3MTLE/PR/W	190	N/A	0.05	
A/3MTSC/B	190	N/A	0.09	
A/3MTSC/SS	190	N/A	0.09	
A/3MTSC/W	190	N/A	0.09	
A/3MTSK	191	N/A	0.05	
A/3MTTC/P/B	191	N/A	0.25	
A/3MTTC/P/SS	191	N/A	0.25	
A/3MTTC/P/W	191	N/A	0.25	
A/3MTTC/PO/B	191	N/A	0.25	
A/3MTTC/PO/SS	191	N/A	0.25	
A/3MTTC/PO/W	191	N/A	0.25	
A/3MTXC/B	190	N/A	0.3	
A/3MTXC/SS	190	N/A	0.3	
A/3MTXC/W	190	N/A	0.3	
A/3ULEDS0/CW/B	193	69	0.37	
A/3ULEDS0/CW/SS	193	69	0.37	
A/3ULEDS0/CW/W	193	69	0.37	
A/3ULEDS0/WW/B	193	63	0.37	
A/3ULEDS0/WW/SS	193	63	0.37	
A/3ULEDS0/WW/W	193	63	0.37	
A/3ULEDS1/B	194	63	0.6	
A/3ULEDS1/SS	194	63	0.6	
A/3ULEDS1/W	194	63	0.6	
A/3ULEDS1/WW/B	194	63	0.6	
A/3ULEDS1/WW/SS	194	63	0.6	
A/3ULEDS1/WW/W	194	63	0.6	
A/3ULEDS2/B	197	93	0.8	
A/3ULEDS2/SS	197	93	0.8	
A/3ULEDS2/W	197	93	0.8	
A/3ULEDS2/WW/B	197	86	0.8	
A/3ULEDS2/WW/SS	197	86	0.8	
A/3ULEDS2/WW/W	197	86	0.8	
A/3ULEDS3/B	198	88	1.22	
A/3ULEDS3/SS	198	88	1.22	
A/3ULEDS3/W	198	88	1.22	
A/3ULEDS3/WW/B	198	78	1.22	
A/3ULEDS3/WW/SS	198	78	1.22	
A/3ULEDS3/WW/W	198	78	1.22	
A/3ULEDS4/B	199	93	1.4	
A/3ULEDS4/SS	199	93	1.4	
A/3ULEDS4/W	199	93	1.4	
A/3ULEDS4/WW/B	199	88	1.4	
A/3ULEDS4/WW/SS	199	88	1.4	
A/3ULEDS4/WW/W	199	88	1.4	
A1000TLL/T5	244	N/A	N/A	
A100GC	336	N/A	1.5	

Product Code	Page	Lm/W	Kg	Trade
A100GC/PC	336	N/A	1.5	
A100PC	336	N/A	0.6	
A100POLY	337	N/A	0.6	
A100POLY/PC	337	N/A	0.6	
A250TLL/T5	244	N/A	N/A	
A500TLL/T5	244	N/A	N/A	
AADLED/100/CW	234	80	N/A	
AADLED/100/RGB	234	N/A	N/A	
AADLED/100/WW	234	75	N/A	
AADLED/1000/CW	234	80	N/A	
AADLED/1000/RGB	234	N/A	N/A	
AADLED/1000/WW	234	75	N/A	
AADLED/2000/CW	234	80	N/A	
AADLED/2000/RGB	234	N/A	N/A	
AADLED/2000/WW	234	75	N/A	
AADLED/300/CW	234	80	N/A	
AADLED/300/RGB	234	N/A	N/A	
AADLED/300/WW	234	75	N/A	
AADLED/500/CW	234	80	N/A	
AADLED/500/RGB	234	N/A	N/A	
AADLED/500/WW	234	75	N/A	
AADLED/5000/CW	234	80	N/A	
AADLED/5000/RGB	234	N/A	N/A	
AADLED/5000/WW	234	75	N/A	
AAE27045/BL	352	N/A	2.2	
AAE27075/BL	352	N/A	3.04	
AAE27100/BL	352	N/A	3.69	
AALED1/BV/CCT	324	87-94	0.56	
AALED1/BV/CCT/PC	324	87-94	0.59	
AALED1/WW/CCT	324	87-94	0.56	
AALED1/WW/CCT/PC	324	87-94	0.59	
AALED2/BV/CCT	324	84-91	0.96	
AALED2/BV/CCT/DD	324	84-91	0.96	
AALED2/BV/CCT/DD	324	84-91	0.96	
AALED2/BV/CCT/DD/M3	324	84-91	1.29	
AALED2/BV/CCT/DD/M3	324	84-91	1.29	
AALED2/BV/CCT/DDMWS	324	84-91	1.21	
AALED2/BV/CCT/DDMWS	324	84-91	1.21	
AALED2/BV/CCT/DDMWSM3	324	84-91	1.56	
AALED2/BV/CCT/DDMWSM3	324	84-91	1.56	
AALED2/BV/CCT/M3	324	84-91	1.29	
AALED2/BV/CCT/M3/PC	324	84-91	1.32	
AALED2/BV/CCT/M3/PC	324	84-91	1.32	
AALED2/BV/CCT/MWS	324	84-91	0.99	
AALED2/BV/CCT/MWS	324	84-91	0.99	
AALED2/BV/CCT/MWS/M3	324	84-91	1.34	
AALED2/BV/CCT/MWS/M3	324	84-91	1.34	
AALED2/BV/CCT/PC	324	84-91	0.99	
AALED2/BV/CCT/PC	324	84-91	0.99	
AALED2/WW/CCT	324	84-91	0.96	
AALED2/WW/CCT/M3	324	84-91	1.29	
AALU/AP/CO	226	N/A	0.13	
AALU/RP/CO	226	N/A	0.14	
AALU/SP/CO	226	N/A	0.14	
AARG/GIM/CW/W	119	92	0.1	
AARG/GIM/WW/W	119	80	0.1	
AARGD/CW	118	87	0.11	
AARGD/IP65BEZ/BL	118	N/A	0.01	
AARGD/IP65BEZ/CH	118	N/A	0.01	
AARGD/IP65BEZ/SC	118	N/A	0.01	
AARGD/WW	118	85	0.11	
AARLED/WL	276	58	0.72	
AARLEDB/060	368	58	1.26	
AARLEDB/100	368	58	1.8	
AAROLED	212, 307	75	3.53	
ABD/CH	157	N/A	0.26	
ABD/SC	157	N/A	0.26	
ABD/W	157	N/A	0.26	
ABEAMLED	308	81	1.3	
ABELED/WW	254, 313	87	0.33	
ABFLED/3NM	125, 520	N/A	0.66	
ABLED/3NM	124, 521	N/A	0.9	
ABLED2X4	453, 470	106	2.5	
ABLED2X4/DD	453, 470	106	2.5	
ABLED2X4/DD/M3	453, 470	106	3.09	
ABLED2X4/DD/MWS	453, 470	106	2.54	
ABLED2X4/DDMWSM3	453, 470	106	3.13	
ABLED2X4/M3	453, 470	106	3.09	

Product Code	Page	Lm/W	Kg	Trade
ABLED2X4/MWS	453, 470	106	2.54	
ABLED2X4/MWS/M3	453, 470	106	3.13	
ABLED2X4/OCTO	453, 470	106	2.5	
ABLED2X4/OCTO/M3	453, 470	106	3.09	
ABLED2X5	453, 470	105	3	
ABLED2X5/DD	453, 470	105	3	
ABLED2X5/DDM3	453, 470	105	3.59	
ABLED2X5/DDMWS	453, 470	105	3.04	
ABLED2X5/DDMWSM3	453, 470	105	3.62	
ABLED2X5/M3	453, 470	105	3.59	
ABLED2X5/MWS	453, 470	105	3.04	
ABLED2X5/MWS/M3	453, 470	105	3.62	
ABLED2X5/OCTO	453, 470	105	3	
ABLED2X5/OCTO/M3	453, 470	105	3.59	
ABLED2X6	453, 470	94	3.15	
ABLED2X6/M3	453, 470	94	3.74	
ABLED2X6/MWS	453, 470	94	3.19	
ABLED2X6/MWS/M3	453, 470	94	3.77	
ABLED2X6/OCTO	453, 470	94	3.15	
ABLED2X6/OCTO/M3	453, 470	94	3.74	
ABLED4	453, 470	116	2.3	
ABLED4/DD	453, 470	116	2.3	
ABLED4/DD/M3	453, 470	116	2.89	
ABLED4/DD/MWS	453, 470	116	2.34	
ABLED4/DD/MWS/M3	453, 470	116	3.29	
ABLED4/M3	453, 470	116	2.89	
ABLED4/MWS	453, 470	116	2.34	
ABLED4/MWS/M3	453, 470	116	3.29	
ABLED4/OCTO	453, 470	116	2.3	
ABLED4/OCTO/M3	453, 470	116	2.89	
ABLED5	453, 470	109	2.8	
ABLED5/DD	453, 470	109	2.8	
ABLED5/DD/M3	453, 470	109	3.39	
ABLED5/DD/MWS	453, 470	109	2.84	
ABLED5/DD/MWS/M3	453, 470	109	3.79	
ABLED5/M3	453, 470	109	3.39	
ABLED5/MWS	453, 470	109	2.84	
ABLED5/MWS/M3	453, 470	109	3.79	
ABLED5/OCTO	453, 470	109	2.8	
ABLED5/OCTO/M3	453, 470	109	3.39	
ABLED6	453, 470	100	2.95	
ABLED6/DD	453, 470	100	2.95	
ABLED6/DD/M3	453, 470	100	3.54	
ABLED6/DD/MWS	453, 470	100	2.99	
ABLED6/DD/MWS/M3	453, 470	100	3.57	
ABLED6/M3	453, 470	100	3.54	
ABLED6/MWS	453, 470	100	2.99	
ABLED6/MWS/M3	453, 470	100	3.57	
ABLED6/OCTO	453, 470	100	2.95	
ABLED6/OCTO/M3	453, 470	100	3.54	
ABLFLED/SS	346	23	1.28	
ABOLED/100/CW	232	93	N/A	
ABOLED/100/RGB	232	N/A	N/A	
ABOLED/100/RGBW	232	N/A	N/A	
ABOLED/100/TW	232	N/A	N/A	
ABOLED/100/WW	232	87	N/A	
ABOLED/1000/CW	232	93	N/A	
ABOLED/1000/RGB	232	N/A	N/A	
ABOLED/1000/RGBW	232	N/A	N/A	
ABOLED/1000/TW	232	N/A	N/A	
ABOLED/1000/WW	232	87	N/A	
ABOLED/2000/CW	232	93	N/A	
ABOLED/2000/RGB	232	N/A	N/A	
ABOLED/2000/RGBW	232	N/A	N/A	
ABOLED/2000/TW	232	N/A	N/A	
ABOLED/2000/WW	232	87	N/A	
ABOLED/300/CW	232	93	N/A	
ABOLED/300/RGB	232	N/A	N/A	
ABOLED/300/RGBW	232	N/A	N/A	
ABOLED/300/TW	232	N/A	N/A	
ABOLED/300/WW	232	87	N/A	
ABOLED/500/CW	232	93	N/A	
ABOLED/500/RGB	232	N/A	N/A	
ABOLED/500/RGBW	232	N/A	N/A	
ABOLED/500/TW	232	N/A	N/A	
ABOLED/500/WW	232	87	N/A	
ABOLED/5000/CW	232	93	N/A	
ABOLED/5000/RGB	232	N/A	N/A	

Product Code	Page	Lm/W	Kg	Trade
ABOLED/5000/RGBW	232	N/A	N/A	
ABOLED/5000/TW	232	87	N/A	
ABOLED/5000/WW	232	93	N/A	
ABOLED/LC/RGBW	233	N/A	N/A	
ABOLED/ML/RGBW	233	N/A	N/A	
ABOLED/ML/TW	233	N/A	N/A	
ABRLED/WL/CW	298	57	0.9	
ABRLED/WL/WW	298	56	0.9	
ABRLEDB/650/CW	372	57	2.18	
ABRLEDB/650/WW	372	56	2.18	
ABROLED	474	105	3.3	
ACAL/E27	349	N/A	2.08	
ACALED10	422	94	0.29	
ACALED10/PIR	422	94	0.34	
ACALED10/WW	422	89	0.29	
ACALED10/WW/PIR	422	89	0.34	
ACALED20	422	96	0.64	
ACALED20/PIR	422	96	0.79	
ACALED20/WW	422	90	0.64	
ACALED20/WW/PIR	422	90	0.79	
ACALED30	422	97	0.68	
ACALED30/PIR	422	97	0.83	
ACALED30/WW	422	97	0.68	
ACALED30/WW/PIR	422	97	0.83	
ACALED50	422	99	1.06	
ACALED50/PIR	422	99	1.2	
ACALED50/WW	422	94	1.06	
ACALED50/WW/PIR	422	94	1.2	
ACELED/3M/ST	503	N/A	0.9	
ACFLP/3	131, 529	N/A	0.8	
ACLED/100/CW	236	76	N/A	
ACLED/100/RGB	236	N/A	N/A	
ACLED/100/WW	236	73	N/A	
ACLED/1000/CW	236	76	N/A	
ACLED/1000/RGB	236	N/A	N/A	
ACLED/1000/WW	236	73	N/A	
ACLED/2000/CW	236	76	N/A	
ACLED/2000/RGB	236	N/A	N/A	
ACLED/2000/WW	236	73	N/A	
ACLED/300/CW	236	76	N/A	
ACLED/300/RGB	236	N/A	N/A	
ACLED/300/WW	236	73	N/A	
ACLED/500/CW	236	76	N/A	
ACLED/500/RGB	236	N/A	N/A	
ACLED/500/WW	236	73	N/A	
ACLED/5000/CW	236	76	N/A	
ACLED/5000/RGB	236	N/A	N/A	
ACLED/5000/WW	236	73	N/A	
ACLED/90/FB	237	N/A	N/A	
ACLED/90B	237	N/A	N/A	
ACLED/AMP/TOUCH	237	N/A	0.22	
ACLED/ML	237	N/A	N/A	
ACLED/ML/RGB	237	N/A	N/A	
ACLED/RC/TOUCH	237	N/A	0.46	
ACLED/TC	237	N/A	N/A	
ACLED/XC	237	N/A	N/A	
ACLED100/LL	237	N/A	N/A	
ACLED1000/LL	237	N/A	N/A	
ACLED500/LL	237	N/A	N/A	
ACLED/GR	269	45	0.26	
ACLED/W	269	45	0.26	
ACLPWLED/GR	270	31	0.26	
ACLPWLED/W	270	31	0.26	
ACO2X35	291	N/A	0.76	
ACOGU10S/B	291	N/A	0.23	
ACOGU10S/SS	291	N/A	0.23	
ACOGU10S/W	291	N/A	0.23	
ACOLED1/CCT	107	101-112	0.42	
ACOLED1/CCT/DD	107	101-112	0.4	
ACOLED1/CCT/DD/DM3	107	101-112	0.44	
ACOLED1/CCT/DD/M3	107	101-112	0.44	
ACOLED1/CCT/DD/SM3	107	101-112	0.44	
ACOLED1/CCT/DM3	107	101-112	0.44	
ACOLED1/CCT/M3	107	101-112	0.44	
ACOLED1/CCT/OCTO	107	101-112	0.4	
ACOLED1/CCT/OCTO/DM3	107	101-112	0.44	
ACOLED1/CCT/OCTO/M3	107	101-112	0.44	
ACOLED1/CCT/OCTO/SM3	107	101-112	0.44	

Product Code	Page	Lm/W	Kg	Trade
ACOLED1/CCT/SM3	107	101-112	0.44	
ACOLED2/CCT	107	92-102	0.42	
ACOLED2/CCT/DD	107	92-102	0.57	
ACOLED2/CCT/DD/DM3	107	92-102	1.16	
ACOLED2/CCT/DD/M3	107	92-102	1.16	
ACOLED2/CCT/DD/SM3	107	92-102	1.16	
ACOLED2/CCT/DM3	107	92-102	1.16	
ACOLED2/CCT/M3	107	92-102	1.16	
ACOLED2/CCT/OCTO	107	92-102	0.57	
ACOLED2/CCT/OCTO/DM3	107	92-102	1.16	
ACOLED2/CCT/OCTO/M3	107	92-102	1.16	
ACOLED2/CCT/OCTO/SM3	107	92-102	1.16	
ACOLED2/CCT/SM3	107	92-102	1.16	
ACOLED2/TW/OCTO	104	81-117	0.57	
ACOLED2/TW/OCTO/DM3	104	81-117	1.16	
ACOLED2/TW/OCTO/M3	104	81-117	1.16	
ACOLED2/TW/OCTO/SM3	104	81-117	1.16	
ACOLED3/CCT	108	84-93	0.42	
ACOLED3/CCT/DD	108	84-93	0.57	
ACOLED3/CCT/DD/DM3	108	84-93	1.16	
ACOLED3/CCT/DD/M3	108	84-93	1.16	
ACOLED3/CCT/DD/SM3	108	84-93	1.16	
ACOLED3/CCT/DM3	108	84-93	1.16	
ACOLED3/CCT/M3	108	84-93	1.16	
ACOLED3/CCT/OCTO	108	84-93	0.57	
ACOLED3/CCT/OCTO/DM3	108	84-93	1.16	
ACOLED3/CCT/OCTO/M3	108	84-93	1.16	
ACOLED3/CCT/OCTO/SM3	108	84-93	1.16	
ACOLED3/CCT/SM3	108	84-93	1.16	
ACOLED3/TW/OCTO	104	73-107	0.57	
ACOLED3/TW/OCTO/DM3	104	73-107	1.16	
ACOLED3/TW/OCTO/M3	104	73-107	1.16	
ACOLED3/TW/OCTO/SM3	104	73-107	1.16	
ACOLED4/TW/OCTO	104	66-100	0.57	
ACOLED4/TW/OCTO/DM3	104	66-100	1.16	
ACOLED4/TW/OCTO/M3	104	66-100	1.16	
ACOLED4/TW/OCTO/SM3	104	66-100	1.16	
ACOLEDW/CW	109	70	0.45	
ACOLEDW/CW/DD	109	70	0.45	
ACOLEDW/CW/OCTO	109	70	0.45	
ACOLEDW/CW/WW	109	66	0.45	
ACOLEDW/CW/WW/DD	109	66	0.45	
ACOLEDW/CW/WW/OCTO	109	66	0.45	
ACOLOED1000	409	133	29.5	
ACOLOED500	409	133	15.6	
ACOMAPLED1	200	24	0.64	
ACOMAPLED2	200	25	0.64	
ACONLED/30/RGB	242	N/A	3.91	
ACONLED/30/RGB/PS	242	N/A	0.5	
ACONLED/50/CW	242	N/A	8.23	
ACONLED/50/PS	242	N/A	0.13	
ACONLED/50/WW	242	N/A	8.23	
ACONLED/CL/CW	242	N/A	N/A	
ACONLED/CL/PS	242	N/A	N/A	
ACONLED/CL/RGB	242	N/A	N/A	
ACONLED/CL/RGB/PS	242	N/A	N/A	
ACONLED/CL/WW	242	N/A	N/A	
ACONLED/CLIPS	242	N/A	0.06	
ACONLED/END	242	N/A	0.02	
ACONLED/RGB/CLIPS	242	N/A	0.05	
ACONLED/RGB/END	242	N/A	0.02	
ACONLED/RGB/FBEND	242	N/A	0.06	
ACONLED/SILG	242	N/A	0.06	
ACP/CH	160	N/A	0.2	
ACP/SC	160	N/A	0.2	
ACP/W	160	N/A	0.2	
ACRESLED2X4	469	107	4.8	
ACRESLED2X4/DA/M3	469	107	7.78	
ACRESLED2X4/DD	469	107	4.8	
ACRESLED2X4/DD/M3	469	107	7.78	
ACRESLED2X4/M3	469	107	7.78	
ACRESLED2X5	469	103	4.53	
ACRESLED2X5/DD	469	103	6	
ACRESLED2X5/DD/DM3	469	103	6.41	
ACRESLED2X5/DD/M3	469	103	6.41	
ACRESLED2X5/DD/SM3	469	103	6.41	
ACRESLED2X5/DM3	469	103	6.41	

Product Code	Page	Lm/W	Kg	Trade
ACRESLED2X5/M3	469	103	6.41	
ACRESLED2X5/SM3	469	103	6.41	
ACSQLEDWL	338	22	0.62	
ACTSLED/B/3NM	517	N/A	1.3	
ACTSLED/W/3NM	517	N/A	1.3	
AD30W/12V	222	N/A	N/A	
AD3W/350	223	N/A	N/A	
AD3W/700	223	N/A	N/A	
AD75W/12V	222	N/A	N/A	
AD9W/350	223	N/A	N/A	
ADDIM100W/12V	224	N/A	0.36	
ADDIM50W/12V	224	N/A	0.2	
ADDIM75W/12V	224	N/A	N/A	
ADELED	486	95	8.81	
ADELED/DD	486	95	8.81	
ADELED/DD/M3	486	95	11.81	
ADELED/M3	486	95	11.81	
ADEPLED	209	85	2.04	
ADGU10S/B	169	N/A	0.11	
ADGU10S/SS	169	N/A	0.11	
ADGU10S/W	169	N/A	0.11	
ADHBLED/PC/BC	210, 437	N/A	0.27	
ADHBLED/SK	210, 437	N/A	0.2	
ADHBLED1/ALU	210, 437	114	2.76	
ADHBLED1/ALU/DD	210, 437	114	2.76	
ADHBLED1/PC	210, 437	116	3.01	
ADHBLED1/PC/DD	210, 437	116	3.01	
ADHBLED2/ALU	210, 437	109	2.88	
ADHBLED2/ALU/DD	210, 437	109	2.88	
ADHBLED2/PC	210, 437	108	3.13	
ADHBLED2/PC/DD	210, 437	108	3.13	
ADI28BZ/BR	258, 322	N/A	N/A	
ADI28BZ/CH	258, 322	N/A	N/A	
ADI28BZ/SG	258, 322	N/A	N/A	
ADILED1	258, 322	67	0.69	
ADILED2	258, 322	61	1.13	
ADILED2/M3	258, 322	61	1.56	
ADILED2/MWS	258, 322	61	1.23	
ADILED2/MWS/M3	258, 322	61	1.5	
ADILED2/MWS/M3/CF	258, 322	61	1.5	
ADILED2/OCTO	258, 322	61	1.13	
ADILED2/OCTO/M3	258, 322	61	1.56	
ADK120W/24V	222	N/A	0.4	
ADK12W/700	223	N/A	0.06	
ADK15W/24V	222	N/A	0.06	
ADK200W/24V	222	N/A	1	
ADK20W/350	223	N/A	0.07	
ADK20W/700	223	N/A	0.07	
ADK320W/24V	222	N/A	1.8	
ADK60W/24V	222	N/A	0.31	
ADLC/0	161	N/A	N/A	
ADLC/1	161	N/A	N/A	
ADLC/2	161	N/A	N/A	
ADLC/4	161	N/A	N/A	
ADLC/6	161	N/A	N/A	
ADLC/7	161	N/A	N/A	
ADLC/8	161	N/A	N/A	
ADLC/9	161	N/A	N/A	
ADLED1/BV/CCT	325	105-112	0.5	
ADLED1/BV/CCT/PC	325	105-112	0.6	
ADLED1/WW/CCT	325	105-112	0.5	
ADLED1/WW/CCT/PC	325	105-112	0.6	
ADLED2/BV/CCT	325	85-91	0.91	
ADLED2/BV/CCT/DD	325	85-91	0.91	
ADLED2/BV/CCT/DD/M3	325	85-91	1.2	
ADLED2/BV/CCT/DD/M3	325	85-91	1.2	
ADLED2/BV/CCT/DD/MWS	325	85-91	1.02	
ADLED2/BV/CCT/DD/MWS	325	85-91	1.02	
ADLED2/BV/CCT/DD/MWS/M3	325	85-91	1.31	
ADLED2/BV/CCT/DD/MWS/M3	325	85-91	1.31	
ADLED2/BV/CCT/M3	325	85-91	1.2	
ADLED2/BV/CCT/M3/PC	325	85-91	1.31	
ADLED2/BV/CCT/M3/PC	325	85-91	1.31	
ADLED2/BV/CCT/MWS	325	85-91	0.91	
ADLED2/BV/CCT/MWS	325	85-91	0.91	
ADLED2/BV/CCT/MWS/M3	325	85-91	1.31	
ADLED2/BV/CCT/MWS/M3	325	85-91	1.31	

Product Price Index

546

Product Code	Page	Lm/W	Kg	Trade
ADLED2/BV/CCT/PC	325	85-91	0.91	
ADLED2/BV/CCT/PC	325	85-91	0.91	
ADLED2/BZ/EYE/B	325	N/A	0.2	
ADLED2/BZ/EYE/W	325	N/A	0.2	
ADLED2/BZ/GRILL/B	325	N/A	0.19	
ADLED2/BZ/GRILL/W	325	N/A	0.19	
ADLED2/WV/CCT	325	85-91	0.91	
ADLED2/WV/CCT/M3	325	85-91	1.31	
ADM50GU10	287	N/A	1.16	
ADM50GU10/SG	287	N/A	1.16	
ADMLD1/GR/CW	301	92	1.55	
ADMLD2/GR/CW	301	85	1.56	
ADOCLED/WL	278	76	1.2	
ADOLEDWL	303	50	2.5	
ADOLEDWL/HP	304	91	3.71	
ADP2	443	N/A	0.88	
ADP2X2	443	N/A	1.32	
ADP2X4	443	N/A	2.47	
ADP2X5	443	N/A	3.02	
ADP4	443	N/A	1.72	
ADP5	443	N/A	2.13	
ADSIHLED1	257, 321	86	0.22	
ADSIHLED1/OCTO	257, 321	86	0.22	
ADSIHLED1/WW	257, 321	87	0.22	
ADSIHLED1/WW/OCTO	257, 321	87	0.22	
ADSIHLED2	257, 321	92	0.29	
ADSIHLED2/M3	257, 321	92	1.28	
ADSIHLED2/MWS	257, 321	92	1.13	
ADSIHLED2/MWS/M3	257, 321	92	1.43	
ADSIHLED2/MWS/M3/CF	257, 321	92	1.43	
ADSIHLED2/OCTO	257, 321	92	0.29	
ADSIHLED2/OCTOM3	257, 321	92	1.28	
ADSIHLED2/WW	257, 321	82	0.22	
ADSIHLED2/WW/M3	257, 321	82	0.29	
ADSIHLED2/WW/MWS	257, 321	82	1.28	
ADSIHLED2/WW/MWS/M3	257, 321	82	1.13	
ADSIHLED2/WW/MWS/M3/CF	257, 321	82	1.43	
ADSIHLED2/WW/OCTO	257, 321	82	0.22	
ADSIHLED2/WW/OCTOM3	257, 321	82	1.28	
ADSILED1BZCH	257, 321	N/A	0.14	
ADSILED1BZGR	257, 321	N/A	0.14	
ADSILED2BZCH	257, 321	N/A	0.19	
ADSILED2BZGR	257, 321	N/A	0.19	
ADSILED1	256, 320	73	0.22	
ADSILED1CCT	255, 319	82-92	0.59	
ADSILED1/WW	256, 320	68	0.22	
ADSILED2	256, 320	79	0.29	
ADSILED2CCT	255, 319	79-83	0.87	
ADSILED2CCTM3	255, 319	79-83	1.1	
ADSILED2/CCT/MWS	255, 319	79-83	1.15	
ADSILED2/CCT/MWS/M3	255, 319	79-83	1.23	
ADSILED2/CCT/MWS/M3/CF	255, 319	79-83	1.23	
ADSILED2CCT/OCTO	255, 319	79-83	0.87	
ADSILED2CCT/OCTOM3	255, 319	79-83	1.1	
ADSILED2/M3	256, 320	79	1.28	
ADSILED2/MWS	256, 320	79	1.13	
ADSILED2/MWS/M3	256, 320	79	1.43	
ADSILED2/MWS/M3/CF	256, 320	79	1.43	
ADSILED2/OCTO	256, 320	79	0.87	
ADSILED2/OCTOM3	256, 320	79	1.1	
ADSILED2/WW	256, 320	75	0.22	
ADSILED2/WW/M3	256, 320	75	0.29	
ADSILED2/WW/MWS	256, 320	75	1.28	
ADSILED2/WW/MWS/M3	256, 320	75	1.13	
ADSILED2/WW/MWS/M3/CF	256, 320	75	1.43	
ADSILED2/WW/OCTO	256, 320	75	0.87	
ADSILED2/WW/OCTOM3	256, 320	75	1.1	
ADU50	286	N/A	0.71	
ADULED/W	215	58	0.49	
ADULEDB/080	374	90	3.7	
ADVRL	261	N/A	1.12	
ADVSS	261	N/A	0.6	
AE3LED/3M/SI	510	N/A	1.36	
AE3LED/3M/W	510	N/A	1.36	
AE3LED/3M/W/ST	510	N/A	1.36	
AE3LED/ALAR	510	N/A	N/A	
AE3LED/LAD	510	N/A	N/A	
AE3LED/LAU	510	N/A	N/A	

Product Code	Page	Lm/W	Kg	Trade
AEAVLED300WB/CW	465	95	0.39	
AEAVLED300WB/WW	465	94	0.39	
AEAVLED600WB/CW	465	95	0.65	
AEAVLED600WB/CW/DD	465	95	0.566	
AEAVLED600WB/CW/OCTO	465	95	0.566	
AEAVLED600WB/WW	465	93	0.65	
AEAVLED600WB/WW/DD	465	93	0.566	
AEAVLED600WB/WW/OCTO	465	93	0.566	
AECLED/CH/CCT	310	104-114	1.59	
AECLED/CH/CCT/CF/DM3	310	104-114	4.09	
AECLED/CH/CCT/CF/M3	310	104-114	4.09	
AECLED/CH/CCT/DD	310	104-114	1.59	
AECLED/CH/CCT/DD/DM3	310	104-114	4.09	
AECLED/CH/CCT/DDM3	310	104-114	4.09	
AECLED/CH/CCT/DM3	310	104-114	4.09	
AECLED/CH/CCT/M3	310	104-114	0.88	
AECLED/CH/CCT/MWS	310	104-114	1.69	
AECLED/CH/CCT/MWS/DM3	310	104-114	1.69	
AECLED/CH/CCT/MWS/DM3	310	104-114	1.69	
AECLED/CH/CCT/OCTO	310	104-114	1.59	
AECLED/CH/CCT/OCTO/DM3	310	104-114	4.09	
AECLED/CH/CCT/OCTOM3	310	104-114	4.09	
AECLED/SC/CCT	310	104-114	1.59	
AECLED/SC/CCT/CF/DM3	310	104-114	4.09	
AECLED/SC/CCT/CF/M3	310	104-114	4.09	
AECLED/SC/CCT/DD	310	104-114	1.59	
AECLED/SC/CCT/DD/DM3	310	104-114	4.09	
AECLED/SC/CCT/DDM3	310	104-114	4.09	
AECLED/SC/CCT/DM3	310	104-114	4.09	
AECLED/SC/CCT/M3	310	104-114	4.09	
AECLED/SC/CCT/MWS	310	104-114	1.69	
AECLED/SC/CCT/MWS/DM3	310	104-114	4.09	
AECLED/SC/CCT/MWS/M3	310	104-114	4.09	
AECLED/SC/CCT/OCTO	310	104-114	1.59	
AECLED/SC/CCT/OCTO/DM3	310	104-114	4.09	
AECLED/SC/CCT/OCTOM3	310	104-114	4.09	
AECLED/W/CCT	310	104-114	1.59	
AECLED/W/CCT/CF/DM3	310	104-114	4.09	
AECLED/W/CCT/CF/M3	310	104-114	4.09	
AECLED/W/CCT/DD	310	104-114	1.59	
AECLED/W/CCT/DD/DM3	310	104-114	4.09	
AECLED/W/CCT/DDM3	310	104-114	4.09	
AECLED/W/CCT/DM3	310	104-114	4.09	
AECLED/W/CCT/M3	310	104-114	4.09	
AECLED/W/CCT/MWS	310	104-114	1.69	
AECLED/W/CCT/MWS/DM3	310	104-114	4.09	
AECLED/W/CCT/MWS/DM3	310	104-114	4.09	
AECLED/W/CCT/OCTO	310	104-114	1.59	
AECLED/W/CCT/OCTO/DM3	310	104-114	4.09	
AECLED/W/CCT/OCTOM3	310	104-114	4.09	
AEDELED10/CW	410	95	0.31	
AEDELED10/CW/PIR	410	95	0.36	
AEDELED10/WW	410	89	0.31	
AEDELED10/WW/PIR	410	89	0.36	
AEDELED20/CW	410	92	0.39	
AEDELED20/CW/PIR	410	92	0.45	
AEDELED20/WW	410	86	0.39	
AEDELED20/WW/PIR	410	86	0.45	
AEDELED30/CW	411	92	0.56	
AEDELED30/CW/PIR	411	92	0.63	
AEDELED30/WW	411	85	0.56	
AEDELED30/WW/PIR	411	85	0.63	
AEDELED50/CW	411	87	0.75	
AEDELED50/CW/PIR	411	87	0.78	
AEDELED50/WW	411	78	0.75	
AEDELED50/WW/PIR	411	78	0.78	
AEFRD/CH	145	N/A	0.18	
AEFRD/IP65/CH	147	N/A	0.19	
AEFRD/IP65/MW	147	N/A	0.19	
AEFRD/IP65/SC	147	N/A	0.19	
AEFRD/MW	145	N/A	0.18	
AEFRD/SC	145	N/A	0.18	
AEFRG/CH	146	N/A	0.19	
AEFRG/MW	146	N/A	0.19	
AEFRG/SC	146	N/A	0.19	
AEFRISD	145, 147	N/A	0.02	
AEFRISG	146	N/A	0.02	
AELLED/WL/CW	213	77	1.27	

Product Code	Page	Lm/W	Kg	Trade
AELLED/WL/WW	213	64	1.27	
AENLED/3M/SG	507	N/A	0.7	
AENLED/3M/W	507	N/A	0.7	
AENLED/3M/W/ST	507	N/A	0.7	
AENLED/LI/3M/ST	506	N/A	0.59	
AENLED/LI/3MST/B	506	N/A	0.668	
AETQCC600	476, 478, 480	N/A	1.25	
AERMLD/120/SMF	482	N/A	1.2	
AERMLD/30/SMF	483	N/A	0.95	
AERMLD/SK	476, 480, 483	N/A	6.3	
AERMLD2/120/CW	482	100	5.5	
AERMLD2/120/CW/DD	482	100	5.55	
AERMLD2/120/DL	482	97	5.5	
AERMLD2/120/DL/DD	482	97	5.55	
AERMLD2/120/WW	482	93	5.5	
AERMLD2/120/WW/DD	482	93	5.55	
AERMLD2/30/CW	483	112	5.5	
AERMLD2/30/CW/DD	483	112	5.55	
AERMLD2/30/CW/OCTO	483	112	5.5	
AERMLD2/30/DL	483	111	3.1	
AERMLD2/30/DL/DD	483	111	3.15	
AERMLD2/30/DL/OCTO	483	111	3.1	
AERMLD2/30/WW	483	110	3.1	
AERMLD2/30/WW/DD	483	110	3.15	
AERMLD2/30/WW/OCTO	483	110	3.1	
AERMLD2/60/CW	480	107	2.07	
AERMLD2/60/CW/DD	480	107	2.07	
AERMLD2/60/CW/OCTO	480	107	2.07	
AERMLD2/60/DL	480	105	2.07	
AERMLD2/60/DL/DD	480	105	2.07	
AERMLD2/60/DL/OCTO	480	105	2.07	
AERMLD2/60/WW	480	100	2.07	
AERMLD2/60/WW/DD	480	100	2.07	
AERMLD2/60/WW/OCTO	480	100	2.07	
AERMLD3/60/CW	478	102	2.52	
AERMLD3/60/CW/DD	478	102	2.52	
AERMLD3/60/CW/OCTO	478	102	2.52	
AERMLD3/60/DL	478	101	2.52	
AERMLD3/60/DL/DD	478	101	2.52	
AERMLD3/60/DL/OCTO	478	101	2.52	
AERMLD3/60/WW	478	99	2.52	
AERMLD3/60/WW/DD	478	99	2.52	
AERMLD3/60/WW/OCTO	478	99	2.52	
AERMLD3/HO/60/CW	478	129	2.52	
AERMLD3/HO/60/CW/DD	478	129	2.52	
AERMLD3/HO/60/CW/OCTO	478	129	2.52	
AERMLD3/HO/60/DL	478	128	2.52	
AERMLD3/HO/60/DL/DD	478	128	2.52	
AERMLD3/HO/60/DL/OCTO	478	128	2.52	
AERMLD3/HO/60/WW	478	125	2.52	
AERMLD3/HO/60/WW/DD	478	125	2.52	
AERMLD3/HO/60/WW/OCTO	478	125	2.52	
AFAFC/OAK	219	N/A	0.14	
AFAFC/W	219	N/A	0.33	
AFAFC/WAL	219	N/A	0.14	
AFALED/3NM/ST/IP65	525	N/A	0.58	
AFALED/3NM/ST/IP65/B	525	N/A	0.58	
AFAMIWL/BASE	218, 219	76	0.44	
AFBL/EYE	344	N/A	0.1	
AFBL/GRILL	344	N/A	0.16	
AFBLLED	344	66	0.84	
AFGS/GU10LED	391	N/A	0.38	
AFLLD2	440	99	4.82	
AFLLD2/DM3	440	99	5.42	
AFLLD2/M3	440	99	5.42	
AFLLD2/MWS	440	99	5.08	
AFLLD2/MWS/DM3	440	99	5.68	
AFLLD2/MWS/M3	440	99	5.68	
AFLLD2/MWS/SM3	440	99	5.68	
AFLLD2/SM3	440	99	5.42	
AFRLD/M3/ST	112	N/A	0.95	
AFRLD125/CW	112	62	0.26	
AFRLD125/WW	112	59	0.26	
AFRLD170/CW	112	70	0.34	
AFRLD170/WW	112	61	0.34	
AFRLD230/CW	112	64	0.7	
AFRLD230/WW	112	61	0.7	
AFRWLED/185	112	73	3.2	

Product Code	Page	Lm/W	Kg	Trade
AFRWOLED/185/CW	112	60	3.2	
AFRWOLED/220	112	54	4.5	
AFRWOLED/220/CW	112	50	4.5	
AFRWOLED/270	112	65	6.5	
AFRWOLED/270/CW	112	59	5.22	
AFULED/GR	268	74	0.59	
AFULED/W	268	74	0.59	
AFWLED/SC	220	46	0.43	
AFWLED/W	220	46	0.43	
AG8/L/AD	509	N/A	N/A	
AG8/L/AL	509	N/A	N/A	
AG8/L/AR	509	N/A	N/A	
AG8/L/AU	509	N/A	N/A	
AGALED/1/CCT	102	98-103	1	
AGALED/1/CCT/DD	102	98-103	1	
AGALED/1/CCT/DD/M3	102	98-103	4.12	
AGALED/1/CCT/M3	102	98-103	4.12	
AGALED/1/CCT/OCTO	102	98-103	1	
AGALED/1/CCT/OCTO/M3	102	98-103	4.12	
AGALED/2/CCT	102	112	1	
AGALED/2/CCT/DD	102	112	1	
AGALED/2/CCT/DD/M3	102	112	4.12	
AGALED/2/CCT/M3	102	112	4.12	
AGALED/2/CCT/OCTO	102	112	1	
AGALED/2/CCT/OCTO/M3	102	112	4.12	
AGALSQLED	272	30	0.72	
AGAMLED	316	93	1.28	
AGAMLED/CCT	317	99-109	1.31	
AGAMLED/CCT/M3	317	99-109	1.54	
AGAMLED/CCT/MWS	317	99-109	1.33	
AGAMLED/CCT/MWS/M3	317	99-109	1.56	
AGAMLED/M3	316	93	1.51	
AGAMLED/MWS	316	93	1.3	
AGAMLED/MWS/M3	316	93	1.53	
AGAMLED/WW	316	86	1.28	
AGAMLED/WW/M3	316	86	1.51	
AGAMLED/WW/MWS	316	86	1.3	
AGAMLED/WW/MWS/M3	316	86	1.53	
AGAMLEDBZ/CH	316, 317	N/A	0.13	
AGAR/GU10	390	N/A	0.37	
AGDLED	498	89	5.23	
AGDLED/BLA	498	N/A	N/A	
AGDLED/DD	498	89	5.23	
AGDLED/DD/M3	498	89	5.82	
AGDLED/DD/MWS	498	89	5.27	
AGDLED/DD/MWS/M3	498	89	5.86	
AGDLED/M3	498	89	5.82	
AGDLED/MWS	498	89	5.27	
AGDLED/MWS/M3	498	89	5.86	
AGDLED/WLA	498	N/A	N/A	
AGELED2X4	467	108	4.82	
AGELED2X4/DD	467	108	4.82	
AGELED2X4/DD/M3	467	108	7.8	
AGELED2X4/M3	467	108	7.8	
AGELED2X5	467	98	5.76	
AGELED2X5/DD	467	98	5.76	
AGELED2X5/DD/M3	467	98	8.74	
AGELED2X5/M3	467	98	8.74	
AGELED2X5/OCTO	467	98	5.76	
AGLED/3M	501	N/A	0.71	
AGLED/KIT	501	N/A	N/A	
AGLED/WL	297	18	1.02	
AGLED/WL/WW	297	18	0.84	
AGLEDB/700	371	18	3.98	
AGLEDB/700/WW	371	53	3	
AGPL/DG1/W	102	N/A	N/A	
AGPL/DG3/W	102	N/A	N/A	
AHARLED/3M/ST	513	N/A	0.81	
AHARLED/ALAR	513	N/A	N/A	
AHARLED/L/AD	513	N/A	N/A	
AHARLED/L/AU	513	N/A	N/A	
AHELED/CB	330	70	0.38	
AHELED/CB/PIR	330	70	0.42	
AHELED/CW	330	70	0.38	
AHELED/CW/PIR	330	70	0.42	
AHELED/EB	330	38	0.4	
AHELED/EB/PIR	330	38	0.44	
AHELED/EW	330	38	0.4	

Product Code	Page	Lm/W	Kg	Trade
AHELED/EW/PIR	330	38	0.44	
AHELED/OB	330	63	0.29	
AHELED/OB/PIR	330	66	0.31	
AHELED/OW	330	63	0.29	
AHELED/OW/PIR	330	66	0.31	
AHUEMKIT/LI	130, 528	N/A	0.35	
AIGLED/CW	121	31	0.07	
AIGLED/CW/W	121	31	0.07	
AIGLED/WW	121	28	0.07	
AIGLED/WW/W	121	28	0.07	
AIRMLLED/CW	476	94	3.8	
AIRMLLED/CW/DD	476	94	3.8	
AIRMLLED/CW/OCTO	476	94	3.8	
AIRMLLED/POD/3NM/ST	484, 526	N/A	0.95	
AIRMLLED/POD/MWS	484	N/A	0.21	
AIRMLLED/PRK	476	N/A	2.05	
AIRMLLED/SK	476	N/A	0.17	
AIRMLLED/SMF	476	N/A	4.28	
AJALED	259	66	1.09	
AJALED/M3	259	66	1.54	
AJALED/MWS	259	66	1.11	
AJALED/MWS/M3	259	66	1.56	
AJALED/MWS/M3/CF	259	66	1.56	
AJALEDBZ/CH	259	N/A	0.26	
AKESLED/3M	511	N/A	0.52	
AKLED/B	274	60	0.75	
AKLED/B/WW	274	26	0.66	
AKLED/SG	274	60	0.75	
AKLED/SG/WW	274	26	0.66	
AKRLED/100/CW	230	99	N/A	
AKRLED/100/RGB	230	N/A	N/A	
AKRLED/100/RGBW	230	N/A	N/A	
AKRLED/100/TW	230	N/A	N/A	
AKRLED/100/WW	230	88	N/A	
AKRLED/1000/CW	230	99	N/A	
AKRLED/1000/RGB	230	N/A	N/A	
AKRLED/1000/RGBW	230	N/A	N/A	
AKRLED/1000/TW	230	N/A	N/A	
AKRLED/1000/WW	230	88	N/A	
AKRLED/2000/CW	230	99	N/A	
AKRLED/2000/RGB	230	N/A	N/A	
AKRLED/2000/RGBW	230	N/A	N/A	
AKRLED/2000/TW	230	N/A	N/A	
AKRLED/2000/WW	230	88	N/A	
AKRLED/300/CW	230	99	N/A	
AKRLED/300/RGB	230	N/A	N/A	
AKRLED/300/RGBW	230	N/A	N/A	
AKRLED/300/TW	230	N/A	N/A	
AKRLED/300/WW	230	88	N/A	
AKRLED/500/CW	230	99	N/A	
AKRLED/500/RGB	230	N/A	N/A	
AKRLED/500/RGBW	230	N/A	N/A	
AKRLED/500/TW	230	N/A	N/A	
AKRLED/500/WW	230	99	N/A	
AKRLED/5000/CW	230	88	N/A	
AKRLED/5000/RGB	230	N/A	N/A	
AKRLED/5000/RGBW	230	N/A	N/A	
AKRLED/5000/TW	230	N/A	N/A	
AKRLED/5000/WW	230	N/A	N/A	
AKTLED/3M/ST	502	N/A	0.5	
ALAZLED/H	386	N/A	0.275	
ALAZPLED/C	386	N/A	0.168	
ALAZPLED2	386	86	1.714	
ALE27/WL/BL	356	N/A	2.15	
ALED/6W/G125/2500K	206	N/A	0.1	
ALED/6W/ST64/2500K	206	N/A	0.05	
ALEDCP/CH	63	N/A	0.26	
ALEDCP/MW	63	N/A	0.23	
ALEDCP/SC	63	N/A	0.23	
ALEOLED/CCT/045/GR	378	67-74	1.5	
ALEOLED/CCT/075/GR	378	73-77	2	
ALEOLED/CCT/100/GR	378	73-77	2.5	
ALGU10/1	148	N/A	0.24	
ALGU10/1/MW	148	N/A	0.24	
ALGU10/2	148	N/A	0.44	
ALGU10/2/MW	148	N/A	0.44	
ALGU10/3	148	N/A	0.67	
ALGU10/3/MW	148	N/A	0.67	

Product Code	Page	Lm/W	Kg	Trade
ALGU10S/B	171	N/A	0.13	
ALGU10S/SS	171	N/A	0.13	
ALGU10S/W	171	N/A	0.13	
ALHL/BL	351	N/A	0.76	
ALHL/PC/BL	351	N/A	0.79	
ALHL/PC/WH	351	N/A	0.79	
ALHL/PIR/BL	351	N/A	0.79	
ALHL/PIR/WH	351	N/A	0.79	
ALHL/WH	351	N/A	0.76	
ALHLED/BL	350	53	0.65	
ALHLED/PC/BL	350	53	0.68	
ALHLED/PC/WH	350	53	0.68	
ALHLED/PIR/BL	350	53	0.68	
ALHLED/PIR/WH	350	53	0.68	
ALHLED/WH	350	53	0.65	
ALIB/100E27	383	N/A	3	
ALIBLED/BLU	343	63	0.43	
ALIBLED/WHI	343	24	0.43	
ALODLED/110/CW	114	68	0.11	
ALODLED/110/WW	114	62	0.11	
ALODLED/150/CW	115	72	0.15	
ALODLED/150/WW	115	66	0.15	
ALODLED/200/CW	115	77	0.25	
ALODLED/200/WW	115	73	0.25	
ALODLED/250/CW	115	85	0.38	
ALODLED/250/WW	115	80	0.38	
ALODLED/75/CW	114	77	0.06	
ALODLED/75/WW	114	71	0.06	
ALODLED/95/CW	114	79	0.08	
ALODLED/95/WW	114	76	0.08	
ALOTLED	487	105-110	3.3	
ALOTLED/DD	487	105-110	3.3	
ALOTLED/DD/DM3	487	105-110	3.95	
ALOTLED/DD/M3	487	105-110	3.95	
ALOTLED/DD/SM3	487	105-110	3.95	
ALOTLED/DM3	487	105-110	3.95	
ALOTLED/M3	487	105-110	3.95	
ALOTLED/OCTO	487	105-110	3.3	
ALOTLED/OCTO/DM3	487	105-110	3.95	
ALOTLED/OCTO/M3	487	105-110	3.95	
ALOTLED/OCTO/SM3	487	105-110	3.95	
ALOTLED/SM3	487	105-110	3.95	
ALTOLED	487	34	1.02	
ALUCLED/B	284	58-64	2.48	
ALUCLED/B/DM3	284	58-64	2.69	
ALUCLED/B/DM3/PC	284	58-64	2.69	
ALUCLED/B/M3	284	58-64	2.69	
ALUCLED/B/M3/PC	284	58-64	2.69	
ALUCLED/B/MWS	284	58-64	2.48	
ALUCLED/B/MWS/DM3	284	58-64	2.69	
ALUCLED/B/MWS/DM3/PC	284	58-64	2.69	
ALUCLED/B/MWS/M3	284	58-64	2.69	
ALUCLED/B/MWS/M3/PC	284	58-64	2.69	
ALUCLED/B/MWS/PC	284	58-64	2.48	
ALUCLED/B/MWS/SM3	284	58-64	2.69	
ALUCLED/B/MWS/SM3/PC	284	58-64	2.69	
ALUCLED/B/PC	284	58-65	2.48	
ALUCLED/B/SM3	284	58-66	2.69	
ALUCLED/B/SM3/PC	284	58-67	2.69	
ALUCLED/G	284	58-68	2.48	
ALUCLED/G/DM3	284	58-69	2.69	
ALUCLED/G/DM3/PC	284	58-70	2.69	
ALUCLED/G/M3	284	58-71	2.69	
ALUCLED/G/M3/PC	284	58-72	2.69	
ALUCLED/G/MWS	284	58-73	2.48	
ALUCLED/G/MWS/DM3	284	58-74	2.69	
ALUCLED/G/MWS/DM3/PC	284	58-75	2.69	
ALUCLED/G/MWS/M3	284	58-76	2.69	
ALUCLED/G/MWS/M3/PC	284	58-77	2.69	
ALUCLED/G/MWS/PC	284	58-78	2.48	
ALUCLED/G/MWS/SM3	284	58-79	2.69	
ALUCLED/G/MWS/SM3/PC	284	58-80	2.69	
ALUCLED/G/PC	284	58-81	2.48	
ALUCLED/G/SM3	284	58-82	2.69	
ALUCLED/G/SM3/PC	284	58-83	2.69	
ALWL/BL	353	N/A	0.69	
ALWL/CBB	353	N/A	N/A	
ALWL/CBW	353	N/A	N/A	

Product Price Index

Product Code	Page	Lm/W	Kg	Trade
ALWL/PIR/BL	353	N/A	0.72	
ALWL/PIR/WH	353	N/A	0.72	
ALWL/WH	353	N/A	0.69	
ALWLLD/BL	352	68	0.69	
ALWLLD/PIR/BL	352	68	0.71	
ALWLLD/PIR/WH	352	68	0.71	
ALWLLD/WH	352	68	0.69	
ALWPLED	427	71	1.6	
ALWPLED/DD	427	71	1.6	
ALWPLED/DD/M3	427	71	3.3	
ALWPLED/DD/MWS	427	71	2	
ALWPLED/DD/MWS/M3	427	71	3.7	
ALWPLED/M3	427	71	3.3	
ALWPLED/MWS	427	71	2	
ALWPLED/PC	427	71	2.2	
ALWPLED/WW	427	67	1.6	
ALWPLED/WW/DD	427	67	1.6	
ALWPLED/WW/DD/M3	427	67	3.3	
ALWPLED/WW/DD/MWS	427	67	1.7	
ALWPLED/WW/DD/MWS/M3	427	67	3.4	
ALWPLED/WW/M3	427	67	3.3	
ALWPLED/WW/MWS	427	67	1.7	
ALWPLED/WW/PC	427	67	1.7	
AM2LED/ASY/500	410	146	2.37	
AM2LED/ASY/500/PC	410	146	22.37	
AM2LED/ASY/800	410	138	24.78	
AM2LED/ASY/800/PC	410	138	24.78	
AMALED120/CCT	244	91-97	0.36	
AMALED20/CCT	244	99-102	0.13	
AMALED50/CCT	244	98-102	0.21	
AMALED80/CCT	244	96-102	0.29	
AMATBLED	340	43-51	0.59	
AMATROLED	273	36	0.66	
AMCD25W	225	N/A	N/A	
AMCD50W	225	N/A	N/A	
AME27045/BL	380	N/A	2.5	
AME27045/SS	381	N/A	3.28	
AME27075/BL	380	N/A	2.7	
AME27075/SS	381	N/A	3.34	
AME27100/BL	380	N/A	4	
AME27100/SS	381	N/A	6.7	
AMELED/ER/3NM/ST	127, 523	N/A	0.81	
AMELED/ER/3NM/ST/B	127, 523	N/A	0.81	
AMELED/OA/3NM/ST	127, 523	N/A	0.81	
AMELED/OA/3NM/ST/B	127, 523	N/A	0.81	
AMERLED/CCT	312	71-87	1.97	
AMERLED/CCT/M3	312	71-87	2.24	
AMERLED/CCT/MWS	312	71-87	2.07	
AMERLED/CCT/MWS/M3	312	71-87	2.34	
AMERLED/CCT/OCTO	312	71-87	1.97	
AMERLED/CCT/OCTO/M3	312	71-87	2.24	
AMERLED/HP	312	82	2.45	
AMERLED/HP/DD	312	82	2.45	
AMERLED/HP/DD/M3	312	82	2.72	
AMERLED/HP/DD/M3/ST	312	82	2.98	
AMERLED/HP/DD/MWS	312	82	2.55	
AMERLED/HP/DD/MWS/M3	312	82	2.83	
AMERLED/HP/M3	312	82	2.72	
AMERLED/HP/MWS	312	82	2.55	
AMERLED/HP/MWS/M3	312	82	2.83	
AMERLED/HPOCTO	312	82	2.45	
AMERLED/HPOCTO/M3	312	82	2.72	
AMERLEDBZ/CH	312	N/A	0.25	
AMETLED	389	91	1.11	
AMGAMLED	250, 314	94	1.31	
AMGAMLED/CCT	251, 315	105-115	0.77	
AMGAMLED/CCT/M3	251, 315	105-115	1.04	
AMGAMLED/CCT/MWS	251, 315	105-115	0.81	
AMGAMLED/CCT/MWS/M3	251, 315	105-115	1.05	
AMGAMLED/M3	250, 314	94	1.54	
AMGAMLED/MWS	250, 314	94	1.33	
AMGAMLED/MWS/M3	250, 314	94	1.56	
AMGAMLED/WW	250, 314	88	1.31	
AMGAMLED/WW/M3	250, 314	88	1.54	
AMGAMLED/WW/MWS	250, 314	88	1.33	
AMGAMLED/WW/MWS/M3	250, 314	88	1.56	
AMGAMLEDBZ/CH	250, 314	N/A	0.29	
AMICD/AB	140	N/A	0.24	

Product Code	Page	Lm/W	Kg	Trade
AMICD/BLC	140	N/A	0.24	
AMICD/BR	140	N/A	0.24	
AMICD/CH	140	N/A	0.24	
AMICD/IP65/AB	143	N/A	0.33	
AMICD/IP65/BLC	143	N/A	0.33	
AMICD/IP65/BR	143	N/A	0.33	
AMICD/IP65/CH	143	N/A	0.33	
AMICD/IP65/MW	143	N/A	0.33	
AMICD/IP65/SC	143	N/A	0.33	
AMICD/IP65/W	143	N/A	0.33	
AMICD/MW	140	N/A	0.24	
AMICD/SC	140	N/A	0.24	
AMICD/W	140	N/A	0.24	
AMICG/AB	142	N/A	0.26	
AMICG/BLC	142	N/A	0.26	
AMICG/BR	142	N/A	0.26	
AMICG/CH	142	N/A	0.26	
AMICG/MW	142	N/A	0.26	
AMICG/SC	142	N/A	0.26	
AMICG/W	142	N/A	0.26	
AMIFC/OAK	218	N/A	0.16	
AMIFC/W	218	N/A	0.42	
AMIFC/WAL	218	N/A	0.16	
AMILLED4	462	90-92	1.86	
AMILLED5	462	77-79	2.47	
AMLED/KIT/TUNE	240	N/A	0.4	
AMLED/LC	231, 233, 235, 237	N/A	0.01	
AMLED100	415	96	9	
AMLED100/PC	415	96	9.6	
AMLED200	415	101	13.5	
AMLED200/PC	415	101	14.1	
AMLED30	414	91	3.6	
AMLED30/PIR	414	91	3.7	
AMLED50	414	96	5.88	
AMLED50/PC	414	96	6.48	
AMLWPLED/CCT	426	78-96	1.8	
AMON/GU10/B	175	N/A	0.11	
AMON/GU10/SS	175	N/A	0.11	
AMON/GU10/W	175	N/A	0.11	
AMT1/B	163	N/A	0.5	
AMT1/B/24V	163	N/A	0.26	
AMT1/SS	163	N/A	0.5	
AMT1/W	163	N/A	0.5	
AMT1/W/24V	163	N/A	0.26	
AMT2/B	173	N/A	1	
AMT2/SS	173	N/A	1	
AMT2/W	173	N/A	1	
AMTA/B	175	N/A	N/A	
AMTA/SS	175	N/A	N/A	
AMTA/W	175	N/A	N/A	
AMTBC/B	174	N/A	N/A	
AMTBC/SS	174	N/A	N/A	
AMTBC/W	174	N/A	N/A	
AMTDE/B	174	N/A	N/A	
AMTDE/SS	174	N/A	N/A	
AMTDE/W	174	N/A	N/A	
AMTFC/B	175	N/A	N/A	
AMTFC/SS	175	N/A	N/A	
AMTFC/W	175	N/A	N/A	
AMTINS/B	173, 189	N/A	0.09	
AMTINS/SS	173, 189	N/A	0.09	
AMTINS/W	173, 189	N/A	0.09	
AMTLC/PI/B	175	N/A	N/A	
AMTLC/PI/SS	175	N/A	N/A	
AMTLC/PI/W	175	N/A	N/A	
AMTLC/PO/B	175	N/A	N/A	
AMTLC/PO/SS	175	N/A	N/A	
AMTLC/PO/W	175	N/A	N/A	
AMTLE/PL/B	174	N/A	N/A	
AMTLE/PL/SS	174	N/A	N/A	
AMTLE/PL/W	174	N/A	N/A	
AMTLE/PR/B	174	N/A	N/A	
AMTLE/PR/SS	174	N/A	N/A	
AMTLE/PR/W	174	N/A	N/A	
AMTP1/SS	167	N/A	N/A	
AMTP1/W	167	N/A	N/A	
AMTSC/B	174	N/A	N/A	
AMTSC/SS	174	N/A	N/A	

Product Code	Page	Lm/W	Kg	Trade
AMTSC/W	174	N/A	N/A	
AMTSK	175	N/A	N/A	
AMTTC/PI/B	175	N/A	N/A	
AMTTC/PI/SS	175	N/A	N/A	
AMTTC/PI/W	175	N/A	N/A	
AMTTC/PO/B	175	N/A	N/A	
AMTTC/PO/SS	175	N/A	N/A	
AMTTC/PO/W	175	N/A	N/A	
AMTXX/B	174	N/A	N/A	
AMTXX/SS	174	N/A	N/A	
AMTXX/W	174	N/A	N/A	
ANAPLED/B	285	108-117	2.01	
ANAPLED/B/DM3	285	108-117	2.22	
ANAPLED/B/DM3/PC	285	108-117	2.43	
ANAPLED/B/M3	285	108-117	2.22	
ANAPLED/B/M3/PC	285	108-117	2.43	
ANAPLED/B/MWS	285	108-117	2.22	
ANAPLED/B/MWS/DM3	285	108-117	2.43	
ANAPLED/B/MWS/DM3/PC	285	108-117	2.64	
ANAPLED/B/MWS/M3	285	108-117	2.43	
ANAPLED/B/MWS/M3/PC	285	108-117	2.64	
ANAPLED/B/MWS/PC	285	108-117	2.43	
ANAPLED/B/MWS/SM3	285	108-117	2.43	
ANAPLED/BMWS/SM3/PC	285	108-117	2.64	
ANAPLED/B/PC	285	108-117	2.22	
ANAPLED/B/SM3	285	108-117	2.22	
ANAPLED/B/SM3/PC	285	108-117	2.43	
ANAPLED/G	285	108-117	2.01	
ANAPLED/G/DM3	285	108-117	2.22	
ANAPLED/G/DM3/PC	285	108-117	2.43	
ANAPLED/G/M3	285	108-117	2.22	
ANAPLED/G/M3/PC	285	108-117	2.43	
ANAPLED/G/MWS	285	108-117	2.22	
ANAPLED/G/MWS/DM3	285	108-117	2.43	
ANAPLED/G/MWS/DM3/PC	285	108-117	2.64	
ANAPLED/G/MWS/M3	285	108-117	2.43	
ANAPLED/G/MWS/M3/PC	285	108-117	2.64	
ANAPLED/G/MWS/PC	285	108-117	2.43	
ANAPLED/G/MWS/SM3	285	108-117	2.43	
ANAPLED/G/MWS/SM3/PC	285	108-117	2.64	
ANAPLED/G/PC	285	108-117	2.22	
ANAPLED/G/SM3	285	108-117	2.22	
ANAPLED/G/SM3/PC	285	108-117	2.43	
ANE27/PIL/BL	357	N/A	2.23	
ANE27/WLBA/BL	357	N/A	2.14	
ANE27/WLTA/BL	357	N/A	2.19	
ANEPLED	490	99-108	3.6	
ANEPLED/DD	490	99-108	3.6	
ANEPLED/DD/M3	490	99-108	4.11	
ANEPLED/M3	490	99-108	4.11	
ANEPLED/OCTO	490	99-108	3.6	
ANEPLED/OCTO/M3	490	99-108	4.11	
ANSU10/SC	137	N/A	0.45	
ANSU10/W	137	N/A	0.45	
ANTIALED	293	37	0.58	
ANZOLED/CCT	116	97-108	0.36	
AOCOMMISSION	442	N/A	N/A	
AOCONTROLLER	442	N/A	N/A	
AOCTO/BT/PIR/IP65-S	51	N/A	0.11	
AOCTO/BT/PIR/IP66/HBSP	52	N/A	0.25	
AOCTO/BT/PIR/IP66/HBWD	53	N/A	0.25	
AOCTO/BT/PIR-R	50	N/A	0.01	
AOCTO/BT/PIR-S	50	N/A	0.18	
AOCTO/BT/WS	45	N/A	0.06	
AOCTO/BT/WS/IP65	47	N/A	0.06	
AOCTO/IC/200	38	N/A	0.15	
AOCTO/IC/50	38	N/A	0.15	
AOCTO/OC/IP65/200	43	N/A	0.32	
AOCTO/RGBW/BTC	40	N/A	0.23	
AOCTO/SR	48	N/A	0.05	
AOCTO/WS/B	44	N/A	0.05	
AOCTO/WS/M	44	N/A	0.05	
AOCTO/WS/W	44	N/A	0.05	
AOCTO/XP/WS/B	46	N/A	0.09	
AOCTO/XP/WS/W	46	N/A	0.09	
AOCTOBT/L8W/E27	37	N/A	0.07	
AOCTOBT/LADAPTOR/B22	37	N/A	0.4	
AOCTOW/A60LED/RGBTW/B22	28	N/A	0.09	

Product Code	Page	Lm/W	Kg	Trade
AOCTOW/A60LED/RGBTW/E27	28	N/A	0.09	
AOCTOW/A60LED/TW/B22	27	N/A	0.09	
AOCTOW/A60LED/TW/E27	27	N/A	0.09	
AOCTOW/G95LED/RGBTW/B22	29	N/A	0.11	
AOCTOW/G95LED/RGBTW/E27	29	N/A	0.11	
AOCTOW/IC/400	34	N/A	0.2	
AOCTOW/VENOM/EXT/RGBTW	31	N/A	0.23	
AOCTOW/VENOM/KIT/RGBTW	31	N/A	0.23	
AOEDL55	442	135	3.83	
AOEDL55/DD	442	135	3.83	
AOEDL55/DD/M3	442	135	4.33	
AOEDL55/DD/SEN1	442	135	4.73	
AOEDL55/DD/SEN1/M3	442	135	5.23	
AOEDL55/M3	442	135	4.33	
AOEDL55/SEN1	442	135	4.73	
AOEDL55/SEN1/M3	442	135	5.23	
AOEDL55/SEN3	442	135	4.73	
AOEDL55/SEN3/M3	442	135	5.23	
AOEDL55/WG	442	N/A	1.33	
AOEDL80	442	120	2.91	
AOEDL80/DD	442	120	2.91	
AOEDL80/DD/M3	442	120	8.91	
AOEDL80/DD/SEN1	442	120	8.86	
AOEDL80/DD/SEN1/M3	442	120	9.26	
AOEDL80/M3	442	120	8.91	
AOEDL80/SEN1	442	120	8.86	
AOEDL80/SEN1/M3	442	120	9.26	
AOEDL80/SEN3	442	120	8.86	
AOEDL80/SEN3/M3	442	120	9.26	
AOEDL80/WG	442	N/A	2.91	
AONIXLED/1	431	104	3.6	
AONIXLED/1/PC	431	104	4.2	
AONIXLED/2	431	103	3.7	
AONIXLED/2/PC	431	103	4.3	
AONIXLED/3	431	98	5.2	
AONIXLED/3/PC	431	98	5.8	
AONIXLED/4	431	103	5.5	
AONIXLED/4/PC	431	103	6.1	
AONIXLED/SBA	431	N/A	0.62	
AONIXLED/WB	431	N/A	2.2	
AORBLEDCW	62	92	0.3	
AORBLEDDIMMER	63	N/A	0.32	
AORBLEDDW	62	82	0.3	
AORBLEDBZ/AB	63	N/A	0.04	
AORBLEDBZ/BLC	63	N/A	0.04	
AORBLEDBZ/BR	63	N/A	0.04	
AORBLEDBZ/CH	63	N/A	0.04	
AORBLEDBZ/SC	63	N/A	0.04	
AORBLEDBZ/SQ/AB	63	N/A	0.04	
AORBLEDBZ/SQ/BLC	63	N/A	0.04	
AORBLEDBZ/SQ/BR	63	N/A	0.04	
AORBLEDBZ/SQ/CH	63	N/A	0.04	
AORBLEDBZ/SQ/MW	63	N/A	0.04	
AORBLEDBZ/SQ/SC	63	N/A	0.04	
AORFLED100/ASY	411	123	3.5	
AORFLED150/ASY	411	136	5.6	
AORFLED200/ASY	411	138	7.2	
AORNLED/PL1	384	71	2.38	
AORNLED/PL2	384	N/A	2.43	
AOSLED/3M/CS	504	N/A	1.1	
AOSLED/3M/ST	504	N/A	1.06	
AOTLED/90B	461	N/A	0.52	
AOTLED2X5/CCT	461	84-86	3.3	
AOTLED2X5/CCT/DD	461	84-86	3.3	
AOTLED2X5/CCT/DD/M3	461	84-86	3.3	
AOTLED2X5/CCT/DD/MWS	461	84-86	3.3	
AOTLED2X5/CCT/DD/MWS/M3	461	84-86	3.3	
AOTLED2X5/CCT/OCTO	461	84-86	3.3	
AOTLED2X5/W/CCT	461	84-86	3.3	
AOTLED2X5/W/CCT/DD	461	84-86	3.3	
AOTLED2X5/W/CCT/DD/M3	461	84-86	3.3	
AOTLED2X5/W/CCT/DD/MWS	461	84-86	3.3	
AOTLED2X5/W/CCT/DD/MWS/M3	461	84-86	3.3	
AOTLED2X5/W/CCT/M3	461	84-86	3.3	

Product Code	Page	Lm/W	Kg	Trade
AOTLED2X5/W/CCT/MWS/M3	461	84-86	3.3	
AOTLED2X5/W/CCT/OCTO	461	84-86	3.3	
AOTLED5/CCT	461	86-92	3.3	
AOTLED5/CCT/DD	461	86-92	3.3	
AOTLED5/CCT/DD/M3	461	86-92	3.3	
AOTLED5/CCT/DD/MWS	461	86-92	3.3	
AOTLED5/CCT/DD/MWS/M3	461	86-92	3.3	
AOTLED5/CCT/M3	461	86-92	3.3	
AOTLED5/CCT/MWS	461	86-92	3.3	
AOTLED5/CCT/MWS/M3	461	86-92	3.3	
AOTLED5/W/CCT	461	86-92	3.3	
AOTLED5/W/CCT/DD	461	86-92	3.3	
AOTLED5/W/CCT/DD/M3	461	86-92	3.3	
AOTLED5/W/CCT/DD/MWS	461	86-92	3.3	
AOTLED5/W/CCT/DD/MWS/M3	461	86-92	3.3	
AOTLED5/W/CCT/M3	461	86-92	3.3	
AOTLED5/W/CCT/MWS	461	86-92	3.3	
AOTLED5/W/CCT/MWS/M3	461	86-92	3.3	
AOXLED2X4	473	111	2.57	
AOXLED2X4/DD	473	111	2.57	
AOXLED2X4/DD/M3	473	111	3.15	
AOXLED2X4/M3	473	111	3.15	
AOXLED2X4/M3/OCTO	473	111	3.15	
AOXLED2X4/OCTO	473	111	2.57	
AOXLED2X4/OCTO/M3	473	111	3.15	
AOXLED2X5	473	109	3.24	
AOXLED2X5/DD	473	109	3.24	
AOXLED2X5/DD/M3	473	109	3.82	
AOXLED2X5/DD/M3/ST	473	109	3.84	
AOXLED2X5/M3	473	109	3.82	
AOXLED2X5/OCTO	473	109	3.24	
AOXLED2X5/OCTO/M3	473	109	3.82	
AOXLED4	473	128	2.42	
AOXLED4/DD	473	128	2.42	
AOXLED4/DD/DM3	473	128	2.89	
AOXLED4/DD/M3	473	128	2.89	
AOXLED4/DD/SM3	473	128	2.89	
AOXLED4/DM3	473	128	2.89	
AOXLED4/M3	473	128	2.89	
AOXLED4/OCTO	473	128	2.42	
AOXLED4/OCTO/DM3	473	128	2.89	
AOXLED4/OCTO/M3	473	128	2.89	
AOXLED4/OCTO/SM3	473	128	2.89	
AOXLED4/SM3	473	128	2.89	
AOXLED5	473	108	2.93	
AOXLED5/DD	473	108	2.93	
AOXLED5/DD/DM3	473	108	3.4	
AOXLED5/DD/M3	473	108	3.4	
AOXLED5/DD/SM3	473	108	3.4	
AOXLED5/DM3	473	108	3.4	
AOXLED5/M3	473	108	3.4	
AOXLED5/OCTO	473	108	2.93	
AOXLED5/OCTO/DM3	473	108	3.4	
AOXLED5/OCTO/M3	473	108	3.4	
AOXLED5/OCTO/SM3	473	108	3.4	
AOXLED5/SM3	473	108	3.4	
APAVLED/WL	279	N/A	1.17	
APAVLEDB/60	362	N/A	1.48	
APAVLEDWL	339	45	0.67	
APLEDVRL	260	55	0.53	
APLULED	491	112	3	
APLULED/DD	491	112	3	
APLULED/DD/M3	491	112	3.49	
APLULED/M3	491	112	3.49	
APLULED/OCTO	491	112	3	
APLULED/OCTO/M3	491	112	3.49	
APLULED/CCTPACK	72	67-85	0.38	
APRILED/CW	70	102	0.38	
APRILED/WW	70	102	0.38	
APRILED/CH	70	N/A	0.04	
APRILED/SC	70	N/A	0.04	
APRILED/PCCT	68	78-87	0.28	
APRILED/PCW	66	96	0.28	
APRILED/G/BLK	69	89-100	0.31	
APRILED/G/CH	69	89-100	0.31	
APRILED/G/MW	69	89-100	0.31	
APRILED/G/SC	69	89-100	0.31	
APRILED/OCTOW	32	78-82	0.28	

Product Code	Page	Lm/W	Kg	Trade
APRILED/WW	66	89	0.28	
APRILED/PBZ/BLK	66	N/A	0.01	
APRILED/PBZ/CH	66	N/A	0.01	
APRILED/PBZ/SC	66	N/A	0.01	
APRILED2X4	471	98	3.7	
APRILED2X4/DD	471	98	3.7	
APRILED2X4/DD/M3	471	98	4.29	
APRILED2X4/DD/MWS	471	98	3.72	
APRILED2X4/DD/MWS/M3	471	98	4.33	
APRILED2X4/M3	471	98	4.29	
APRILED2X4/MWS	471	98	3.72	
APRILED2X4/MWS/M3	471	98	4.33	
APRILED2X4/OCTO	471	98	3.7	
APRILED2X4/OCTO/M3	471	98	4.29	
APRILED2X5	471	100	4.5	
APRILED2X5/DD	471	100	4.5	
APRILED2X5/DD/M3	471	100	5.09	
APRILED2X5/DD/MWS	471	100	4.54	
APRILED2X5/DD/MWS/M3	471	100	5.13	
APRILED2X5/M3	471	100	5.09	
APRILED2X5/MWS	471	100	4.54	
APRILED2X5/MWS/M3	471	100	5.13	
APRILED2X5/OCTO	471	100	4.5	
APRILED2X5/OCTO/M3	471	100	5.09	
APRILED2X6	471	101	5.3	
APRILED2X6/DD	471	101	5.3	
APRILED2X6/DD/M3	471	101	5.89	
APRILED2X6/DD/MWS	471	101	5.34	
APRILED2X6/DD/MWS/M3	471	101	5.93	
APRILED2X6/M3	471	101	5.89	
APRILED2X6/MWS	471	101	5.34	
APRILED2X6/MWS/M3	471	101	5.93	
APRILED2X6/OCTO	471	101	5.3	
APRILED2X6/OCTO/M3	471	101	5.89	
APRILED4	471	100	3.5	
APRILED4/DD	471	100	3.5	
APRILED4/DD/M3	471	100	4.09	
APRILED4/DD/MWS	471	100	3.54	
APRILED4/DD/MWS/M3	471	100	4.13	
APRILED4/M3	471	100	4.09	
APRILED4/MWS	471	100	3.54	
APRILED4/MWS/M3	471	100	4.13	
APRILED4/OCTO	471	100	3.5	
APRILED4/OCTO/M3	471	100	4.09	
APRILED5	471	104	4.3	
APRILED5/DD	471	104	4.3	
APRILED5/DD/M3	471	104	4.89	
APRILED5/DD/MWS	471	104	4.43	
APRILED5/DD/MWS/M3	471	104	4.93	
APRILED5/M3	471	104	4.89	
APRILED5/MWS	471	104	4.43	
APRILED5/MWS/M3	471	104	4.93	
APRILED5/OCTO	471	104	4.3	
APRILED5/OCTO/M3	471	104	4.89	
APRILED6	471	114	5.1	
APRILED6/DD	471	114	5.1	
APRILED6/DD/M3	471	114	5.69	
APRILED6/DD/MWS	471	114	5.14	
APRILED6/DD/MWS/M3	471	114	5.73	
APRILED6/M3	471	114	5.69	
APRILED6/MWS	471	114	5.14	
APRILED6/MWS/M3	471	114	5.73	
APRILED6/OCTO	471	114	5.1	
APRILED6/OCTO/M3	471	114	5.69	
APYLED/KIT/CW	238	80	0.36	
APYLED/KIT/WW	238	75	0.36	
ARALED/ER/3NM/ST	126, 522	N/A	0.37	
ARALED/OA/3NM/ST	126, 522	N/A	0.37	
ARAZLED/LI/3M/DA	512	N/A	1.16	
ARAZLED/LI/3M/DA/B	512	N/A	1.144	
ARCLED/CW/SS	247	73	0.09	
ARCLED/CW/W	247	73	0.09	
ARCLED/WW/SS	247	66	0.09	
ARCLED/WW/W	247	66	0.09	
ARE27/HL/BL	354	N/A	2.17	
AREELED A	267	90-97	0.25	
AREELED D	267	90-97	0.22	
AREELED WL	292	82-89	0.38	

Product Price Index

Product Code	Page	Lm/W	Kg	Trade
AREELEDWL/PIR	292	82-89	0.4	
ARGU10	290	N/A	0.6	
ARIELED/CW	135	82	0.25	
ARIELED/WW	135	76	0.25	
ARLEDTL/CW	248	61	0.09	
ARLEDTL/WW	248	56	0.09	
ARMK3	380, 381, 382	N/A	N/A	
AROLEDSSS	387	60	1.29	
ARULEDP/WW/B	205	64	0.76	
ARULEDP/WW/W	205	64	0.76	
ASBLED	334	73	0.47	
ASBLED/110V	335	85	0.35	
ASBLED/110V/MWS	335	85	0.37	
ASBLED/110V/PC	335	85	0.37	
ASBLED/DIFF/RED	335	N/A	0.11	
ASBLED/MWS	334	73	0.49	
ASBLED/PC	334	73	0.49	
ASBP/1	497, 502	N/A	0.06	
ASBP/10	128, 525	N/A	0.23	
ASBP/12	112	N/A	0.86	
ASBP/14	126, 522	N/A	0.06	
ASBP/15	504	N/A	0.07	
ASBP/16	504	N/A	0.34	
ASBP/17	279	N/A	0.38	
ASBP/18	500, 506, 508	N/A	0.09	
ASBP/19	512	N/A	0.04	
ASBP/2	501, 503, 507	N/A	0.15	
ASBP/3	509	N/A	0.16	
ASBP/4	510	N/A	0.06	
ASBP/5	513	N/A	0.15	
ASBP/6	514, 517	N/A	0.54	
ASBP/7	516	N/A	0.35	
ASBP/8	123, 519	N/A	0.2	
ASBP/9	124, 125, 126, 520, 521, 523	N/A	0.42	
ASCOLED/1/CCT	133	85-92	0.66	
ASCOLED/1/CCT/DD	133	85-92	0.66	
ASCOLED/1/CCT/OCTO	133	85-92	0.66	
ASCOLED/2/CCT	133	91-94	0.66	
ASCOLED/2/CCT/DD	133	91-94	0.66	
ASCOLED/2/CCT/OCTO	133	91-94	0.66	
ASEC/G125/AB	206	N/A	0.4	
ASEC/G125/BLC	206	N/A	0.4	
ASEC/ST64/AB	207	N/A	0.336	
ASEC/ST64/BLC	207	N/A	0.339	
ASEGLED	296	47	0.67	
ASELED/WL	275	52	0.5	
ASELED/WL/PIR	275	52	0.55	
ASELEDB/060	367	52	1.09	
ASELEDB/100	367	52	1.7	
ASFRLED230/CW	134	76	0.86	
ASFRLED230/WW	134	70	0.86	
ASGU10L	161	N/A	N/A	
ASIDLED/CW	464	106	2.9	
ASIDLED5/CW	464	113	3.8	
ASK1	469	N/A	N/A	
ASLED/3NM	123, 519	N/A	0.36	
ASLED/3NM/B	123, 519	N/A	0.36	
ASLED2X4	445	79	3.14	
ASLED2X4/DD	445	79	3.14	
ASLED2X4/DD/M3	445	79	3.66	
ASLED2X4/DD/MWS	445	79	3.16	
ASLED2X4/DD/MWS/M3	445	79	3.68	
ASLED2X4/M3	445	79	3.66	
ASLED2X4/MWS	445	79	3.16	
ASLED2X4/MWS/M3	445	79	3.68	
ASLED2X5	445	84	4	
ASLED2X5/DD	445	84	4	
ASLED2X5/DD/M3	445	84	4.57	
ASLED2X5/DD/MWS	445	84	4.02	
ASLED2X5/DD/MWS/M3	445	84	4.59	
ASLED2X5/M3	445	84	4.57	
ASLED2X5/MWS	445	84	4.02	
ASLED2X5/MWS/M3	445	84	4.59	
ASLED2X6	445	83	4.91	
ASLED2X6/DD	445	83	4.91	
ASLED2X6/DD/M3	445	83	5.48	
ASLED2X6/DD/MWS	445	83	4.93	
ASLED2X6/DD/MWS/M3	445	83	5.5	

Product Code	Page	Lm/W	Kg	Trade
ASLED2X6/M3	445	83	5.48	
ASLED2X6/MWS	445	83	4.93	
ASLED2X6/MWS/M3	445	83	5.5	
ASLED4	445	82	2.1	
ASLED4/DD	445	82	2.1	
ASLED4/DD/M3	445	82	2.68	
ASLED4/DD/MWS	445	82	2.12	
ASLED4/DD/MWS/M3	445	82	2.7	
ASLED4/M3	445	82	2.68	
ASLED4/MWS	445	82	2.12	
ASLED4/MWS/M3	445	82	2.7	
ASLED5	445	79	2.62	
ASLED5/DD	445	79	2.62	
ASLED5/DD/M3	445	79	3.2	
ASLED5/DD/MWS	445	79	2.64	
ASLED5/DD/MWS/M3	445	79	3.22	
ASLED5/M3	445	79	3.2	
ASLED5/MWS	445	79	2.64	
ASLED5/MWS/M3	445	79	3.22	
ASLED6	445	84	3.1	
ASLED6/DD	445	84	3.1	
ASLED6/DD/M3	445	84	3.8	
ASLED6/DD/MWS	445	84	3.12	
ASLED6/DD/MWS/M3	445	84	3.82	
ASLED6/M3	445	84	3.8	
ASLED6/MWS	445	84	3.12	
ASLED6/MWS/M3	445	84	3.82	
ASPELED/60/CCT	475	103-111	0.4	
ASPELED/60/CCT/DD	475	103-111	0.4	
ASPELED/60/CCT/DD/DM3	475	103-111	1.2	
ASPELED/60/CCT/DD/SM3	475	103-111	1.2	
ASPELED/60/CCT/DM3	475	103-111	1.2	
ASPELED/60/CCT/M3	475	103-111	1.2	
ASPELED/60/CCT/OCTO	475	103-111	0.4	
ASPELED/60/CCT/OCTO/M3	475	103-111	1.2	
ASPELED/60/CCT/SM3	475	103-111	1.2	
ASPGN/1LED/W/Hi	221	15	0.41	
ASPRLED/LI/3M/DA	122, 518	N/A	0.46	
ASR2LED/B/CCT	333	83-90	0.75	
ASR2LED/W/CCT	333	83-90	0.75	
ASSULED0/CW/B	202	69	0.41	
ASSULED0/CW/SS	202	69	0.41	
ASSULED0/CW/W	202	69	0.41	
ASULED/1/CW	428	86	12	
ASULED/1/CW/PC	428	86	12.3	
ASULED/1/WW	428	82	12	
ASULED/1/WW/PC	428	82	12.3	
ASULED/2/CW	428	77	12	
ASULED/2/CW/PC	428	77	12.3	
ASULED/2/WW	428	73	12	
ASULED/2/WW/PC	428	73	12.3	
ASUWOLED/CW	392	35	0.31	
ASUWOLED/WW	392	35	0.31	
ASWTLED/3M	497	N/A	N/A	
ATA2X50	288	N/A	0.4	
ATALEDB/1000	377	53	3.65	
ATALEDB/1000/M3	377	53	2.91	
ATALEDB/1000/PIR	377	53	3.75	
ATALEDB/1000/PIR/M3	377	53	4.1	
ATASLED/WL	281	N/A	4.82	
ATASLEDB/60	364	N/A	3.9	
ATCKLED/SI	249	27	0.64	
ATCKLED/W	249	27	0.64	
ATCSLED/SI	249	27	0.09	
ATCSLED/W	249	27	0.09	
ATL/BA	149	N/A	N/A	
ATLD/AB	149	N/A	0.2	
ATLD/BLC	149	N/A	0.2	
ATLD/BR	149	N/A	0.2	
ATLD/CH	149	N/A	0.2	
ATLD/IP65/CH	156	N/A	0.25	
ATLD/IP65/MW	156	N/A	0.25	
ATLD/IP65/SC	156	N/A	0.25	
ATLD/IP65/W	156	N/A	0.25	
ATLD/MW	149	N/A	0.2	
ATLD/SC	149	N/A	0.2	
ATLD/W	149	N/A	0.2	

Product Code	Page	Lm/W	Kg	Trade
ATLED/WL	277	73	0.99	
ATLED/WL/PIR	277	73	0.2	
ATLG/AB	151	N/A	0.2	
ATLG/BLC	151	N/A	0.2	
ATLG/BR	151	N/A	0.2	
ATLG/CH	151	N/A	0.2	
ATLG/MW	151	N/A	0.2	
ATLG/SC	151	N/A	0.2	
ATLG/W	151	N/A	0.22	
ATLLED2X4	454	105	1.37	
ATLLED2X4/DD	454	105	1.37	
ATLLED2X4/DD/M3	454	105	1.95	
ATLLED2X4/M3	454	105	1.95	
ATLLED2X4/MWS	454	105	1.57	
ATLLED2X4/MWS/M3	454	105	2.05	
ATLLED2X4/OCTO	454	105	1.37	
ATLLED2X4/OCTO/M3	454	105	1.95	
ATLLED2X5	454	103	1.69	
ATLLED2X5/DD	454	103	1.69	
ATLLED2X5/DD/M3	454	103	2.27	
ATLLED2X5/M3	454	103	2.27	
ATLLED2X5/MWS	454	103	1.79	
ATLLED2X5/MWS/M3	454	103	2.37	
ATLLED2X5/OCTO	454	103	1.69	
ATLLED2X5/OCTO/M3	454	103	2.27	
ATLLED2X6	454	114	1.93	
ATLLED2X6/DD	454	114	1.93	
ATLLED2X6/DD/M3	454	114	2.51	
ATLLED2X6/M3	454	114	2.51	
ATLLED2X6/MWS	454	114	2.03	
ATLLED2X6/MWS/M3	454	114	2.61	
ATLLED2X6/OCTO	454	114	1.93	
ATLLED2X6/OCTO/M3	454	114	2.51	
ATLLED4	454	100	1.35	
ATLLED4/DD	454	100	1.35	
ATLLED4/DD/M3	454	100	1.93	
ATLLED4/M3	454	100	1.93	
ATLLED4/MWS	454	100	1.45	
ATLLED4/MWS/M3	454	100	2.03	
ATLLED4/OCTO	454	100	1.35	
ATLLED4/OCTO/M3	454	100	1.93	
ATLLED5	454	107	1.68	
ATLLED5/DD	454	107	1.68	
ATLLED5/DD/M3	454	107	2.26	
ATLLED5/M3	454	107	2.26	
ATLLED5/MWS	454	107	1.78	
ATLLED5/MWS/M3	454	107	2.36	
ATLLED5/OCTO	454	107	1.68	
ATLLED5/OCTO/M3	454	107	2.26	
ATLLED6	454	117	1.88	
ATLLED6/DD	454	117	1.88	
ATLLED6/DD/M3	454	117	2.46	
ATLLED6/M3	454	117	2.46	
ATLLED6/MWS	454	117	1.98	
ATLLED6/MWS/M3	454	117	2.56	
ATLLED6/OCTO	454	117	1.88	
ATLLED6/OCTO/M3	454	117	2.46	
ATLSQG/CH	152	N/A	0.22	
ATLSQG/SC	152	N/A	0.22	
ATLSQG/W	152	N/A	0.15	
ATLVD/IP44/CH	155	N/A	0.15	
ATLVD/IP44/SC	155	N/A	0.15	
ATLVD/IP44/W	155	N/A	0.15	
ATLVOG/IP44/B	159	N/A	0.2	
ATLVOG/IP44/SG	159	N/A	0.2	
ATLVOG/IP44/W	159	N/A	0.2	
ATORLED2/110V	450	118	0.75	
ATORLED2/110V/MWS	450	118	0.77	
ATORLED2X2/110V	450	118	0.98	
ATORLED2X2/110V/MWS	450	118	1	
ATORLED2X4	448	110	1.1	
ATORLED2X4/110V	450	110	1.29	
ATORLED2X4/110V/M3	450	110	1.87	
ATORLED2X4/110V/MWS	450	110	1.31	
ATORLED2X4/110V/MWS/M3	450	110	1.89	
ATORLED2X4/DD	448	110	1.1	
ATORLED2X4/DD/M3	448	110	1.68	
ATORLED2X4/DD/MWS	448	110	1.12	

Product Code	Page	Lm/W	Kg	Trade
ATORLED2X4/DD/MWS/M3	448	110	1.9	
ATORLED2X4/M3	448	110	1.68	
ATORLED2X4/MWS	448	110	1.12	
ATORLED2X4/MWS/M3	448	110	1.9	
ATORLED2X4/OCTO	448	110	1.1	
ATORLED2X4/OCTO/M3	448	110	1.68	
ATORLED2X5	448	110	2	
ATORLED2X5/110V	450	110	1.71	
ATORLED2X5/110V/M3	450	110	2.39	
ATORLED2X5/110V/MWS	450	110	1.73	
ATORLED2X5/110V/MWS/M3	450	110	2.41	
ATORLED2X5/DD	448	110	2	
ATORLED2X5/DD/M3	448	110	2.58	
ATORLED2X5/DD/MWS	448	110	2.02	
ATORLED2X5/DD/MWS/M3	448	110	2.8	
ATORLED2X5/M3	448	110	2.58	
ATORLED2X5/MWS	448	110	2.02	
ATORLED2X5/MWS/M3	448	110	2.8	
ATORLED2X5/OCTO	448	110	2	
ATORLED2X5/OCTO/M3	448	110	2.58	
ATORLED2X6	448	103	2.4	
ATORLED2X6/DD	448	103	2.4	
ATORLED2X6/DD/M3	448	103	2.98	
ATORLED2X6/DD/MWS	448	103	2.42	
ATORLED2X6/DD/MWS/M3	448	103	3.2	
ATORLED2X6/M3	448	103	2.98	
ATORLED2X6/MWS	448	103	2.42	
ATORLED2X6/MWS/M3	448	103	3.2	
ATORLED2X6/OCTO	448	103	2.4	
ATORLED2X6/OCTO/M3	448	103	2.98	
ATORLED4	448	104	0.78	
ATORLED4/110V	450	104	1.85	
ATORLED4/110V/M3	450	104	2.43	
ATORLED4/110V/MWS	450	104	1.87	
ATORLED4/110V/MWS/M3	450	104	2.45	
ATORLED4/DD	448	104	0.78	
ATORLED4/DD/M3	448	104	1.36	
ATORLED4/DD/MWS	448	104	0.8	
ATORLED4/DD/MWS/M3	448	104	1.58	
ATORLED4/M3	448	104	1.36	
ATORLED4/MWS	448	104	0.8	
ATORLED4/MWS/M3	448	104	1.58	
ATORLED4/OCTO	448	104	0.78	
ATORLED4/OCTO/M3	448	104	1.36	
ATORLED5	448	115	1.5	
ATORLED5/110V	450	115	2.41	
ATORLED5/110V/M3	450	115	2.99	
ATORLED5/110V/MWS	450	115	2.43	
ATORLED5/110V/MWS/M3	450	115	3.01	
ATORLED5/DD	448	115	1.5	
ATORLED5/DD/M3	448	115	2.08	
ATORLED5/DD/MWS	448	115	1.52	
ATORLED5/DD/MWS/M3	448	115	2.3	
ATORLED5/M3	448	115	2.08	
ATORLED5/MWS	448	115	1.52	
ATORLED5/MWS/M3	448	115	2.3	
ATORLED5/OCTO	448	115	1.5	
ATORLED5/OCTO/M3	448	115	2.08	
ATORLED6	448	109	1.8	
ATORLED6/DD	448	109	1.8	
ATORLED6/DD/M3	448	109	2.38	
ATORLED6/DD/MWS	448	109	1.82	
ATORLED6/DD/MWS/M3	448	109	2.6	
ATORLED6/M3	448	109	2.38	
ATORLED6/MWS	448	109	1.82	
ATORLED6/MWS/M3	448	109	2.6	
ATORLED6/OCTO	448	109	1.8	
ATORLED6/OCTO/M3	448	109	2.38	
ATORPLED2X4	446	109	2.27	
ATORPLED2X4/DD	446	109	2.27	
ATORPLED2X4/DD/DM3	446	109	3.27	
ATORPLED2X4/DD/M3	446	109	3.27	
ATORPLED2X4/DD/MWS	446	109	2.77	
ATORPLED2X4/DD/MWS/DM3	446	109	3.77	
ATORPLED2X4/DD/MWS/M3	446	109	3.77	
ATORPLED2X4/DM3	446	109	3.27	
ATORPLED2X4/M3	446	109	3.27	
ATORPLED2X4/MWS	446	109	2.77	

Product Code	Page	Lm/W	Kg	Trade
ATORPLED2X4/MWS/DM3	446	109	3.77	
ATORPLED2X4/MWS/M3	446	109	3.77	
ATORPLED2X4/OCTO	446	109	2.27	
ATORPLED2X4/OCTO/DM3	446	109	3.27	
ATORPLED2X4/OCTO/M3	446	109	3.27	
ATORPLED2X5	446	104	3.05	
ATORPLED2X5/DD	446	104	3.05	
ATORPLED2X5/DD/DM3	446	104	4.05	
ATORPLED2X5/DD/M3	446	104	4.05	
ATORPLED2X5/DD/MWS	446	104	3.55	
ATORPLED2X5/DD/MWS/DM3	446	104	4.55	
ATORPLED2X5/DD/MWS/M3	446	104	4.55	
ATORPLED2X5/DM3	446	104	4.05	
ATORPLED2X5/M3	446	104	4.05	
ATORPLED2X5/MWS	446	104	3.55	
ATORPLED2X5/MWS/DM3	446	104	4.55	
ATORPLED2X5/MWS/M3	446	104	4.55	
ATORPLED2X5/OCTO	446	104	3.05	
ATORPLED2X5/OCTO/DM3	446	104	4.05	
ATORPLED2X5/OCTO/M3	446	104	4.05	
ATORPLED2X6	446	105	3.2	
ATORPLED2X6/DD	446	105	3.2	
ATORPLED2X6/DD/DM3	446	105	4.3	
ATORPLED2X6/DD/M3	446	105	4.3	
ATORPLED2X6/DD/MWS	446	105	3.7	
ATORPLED2X6/DD/MWS/DM3	446	105	4.8	
ATORPLED2X6/DD/MWS/M3	446	105	4.8	
ATORPLED2X6/DM3	446	105	4.3	
ATORPLED2X6/M3	446	105	4.3	
ATORPLED2X6/MWS	446	105	3.7	
ATORPLED2X6/MWS/DM3	446	105	4.8	
ATORPLED2X6/MWS/M3	446	105	4.8	
ATORPLED2X6/OCTO	446	105	3.2	
ATORPLED2X6/OCTO/DM3	446	105	4.3	
ATORPLED2X6/OCTO/M3	446	105	4.3	
ATORPLED4	446	117	2.13	
ATORPLED4/DD	446	117	2.13	
ATORPLED4/DD/DM3	446	117	3.13	
ATORPLED4/DD/M3	446	117	3.13	
ATORPLED4/DD/MWS	446	117	2.85	
ATORPLED4/DD/MWS/DM3	446	117	3.63	
ATORPLED4/DD/MWS/M3	446	117	3.63	
ATORPLED4/DM3	446	117	3.13	
ATORPLED4/M3	446	117	3.13	
ATORPLED4/MWS	446	117	2.85	
ATORPLED4/MWS/DM3	446	117	3.63	
ATORPLED4/MWS/M3	446	117	3.63	
ATORPLED4/OCTO	446	117	2.13	
ATORPLED4/OCTO/DM3	446	117	3.13	
ATORPLED4/OCTO/M3	446	117	3.13	
ATORPLED5	446	111	2.38	
ATORPLED5/DD	446	111	2.38	
ATORPLED5/DD/DM3	446	111	3.38	
ATORPLED5/DD/M3	446	111	3.38	
ATORPLED5/DD/MWS	446	111	2.63	
ATORPLED5/DD/MWS/DM3	446	111	3.88	
ATORPLED5/DD/MWS/M3	446	111	3.88	
ATORPLED5/DM3	446	111	3.38	
ATORPLED5/M3	446	111	3.38	
ATORPLED5/MWS	446	111	2.63	
ATORPLED5/MWS/DM3	446	111	3.88	
ATORPLED5/MWS/M3	446	111	3.88	
ATORPLED5/OCTO	446	111	2.38	
ATORPLED5/OCTO/DM3	446	111	3.38	
ATORPLED5/OCTO/M3	446	111	3.38	
ATORPLED6	446	106	2.8	
ATORPLED6/DD	446	106	2.8	
ATORPLED6/DD/DM3	446	106	3.8	
ATORPLED6/DD/M3	446	106	3.8	
ATORPLED6/DD/MWS	446	106	2.85	
ATORPLED6/DD/MWS/DM3	446	106	4.3	
ATORPLED6/DD/MWS/M3	446	106	4.3	
ATORPLED6/DM3	446	106	3.8	
ATORPLED6/M3	446	106	3.8	
ATORPLED6/MWS	446	106	2.85	
ATORPLED6/MWS/DM3	446	106	4.3	
ATORPLED6/MWS/M3	446	106	4.3	
ATORPLED6/OCTO	446	106	2.8	

Product Code	Page	Lm/W	Kg	Trade
ATORPLED6/OCTO/DM3	446	106	3.8	
ATORPLED6/OCTO/M3	446	106	3.8	
ATRILED/B	283	87-88	1.52	
ATRILED/B/MWS	283	87-88	1.58	
ATRILED/B/MWS/PC	283	87-88	1.64	
ATRILED/B/PC	283	87-88	1.58	
ATRILED/G	283	87-88	1.52	
ATRILED/G/MWS	283	87-88	1.58	
ATRILED/G/MWS/PC	283	87-88	1.64	
ATRILED/G/PC	283	87-88	1.58	
ATSLED/3NM	516	N/A	3.25	
ATSLED/3NM/IP65/ST	514	N/A	1.8	
ATURWOLED/175	397	110	2.1	
ATURWOLED/175/WW	397	98	2.04	
ATURWOLED/230	398	116	2.85	
ATURWOLED/230/WW	398	106	3.63	
ATURWOLED/70	394	45	0.45	
ATURWOLED/70/2	394	N/A	0.12	
ATURWOLED/70/4	394	N/A	0.11	
ATURWOLED/70/WW	394	41	0.5	
ATURWOLED/95	396	97	0.45	
ATURWOLED/95/WW	396	75	0.8	
AUE27040/SS	359	N/A	2.04	
AUE27040/WE	360	N/A	1.7	
AUE27070/SS	359	N/A	3.08	
AUE27070/WE	360	N/A	2.44	
AULED1/SMP	99	49	0.6	
AULED1/SMP/DD	99	49	0.6	
AULED1/SMP/DD/M3	99	49	1.5	
AULED1/SMP/OCTO	99	49	0.6	
AULED1/SMP/OCTO/M3	99	49	1.5	
AULED1/SQU	101	88	1.22	
AULED1/SQU/DD	101	88	1.22	
AULED1/SQU/DD/M3	101	88	2.12	
AULED1/SQU/OCTO	101	88	1.22	
AULED1/SQU/OCTO/M3	101	88	2.12	
AULED100WW	92	74	0.36	
AULED100WW/DD	92	74	0.36	
AULED100WW/OCTO	92	74	0.36	
AULED100WW/WW	92	60	0.36	
AULED100WW/WW/DD	92	60	0.36	
AULED100WW/WW/OCTO	92	60	0.36	
AULED125D	83	72	0.62	
AULED125D/DD	83	72	0.62	
AULED125D/DD/M3	83	72	1.5	
AULED125D/M3	83	72	1.5	
AULED125D/OCTO	83	72	0.62	
AULED125D/OCTO/M3	83	72	1.5	
AULED125D/WW	83	66	0.62	
AULED125D/WW/DD	83	66	0.62	
AULED125D/WW/DD/M3	83	66	1.5	
AULED125D/WW/M3	83	66	1.5	
AULED125D/WW/OCTO	83	66	0.62	
AULED125D/WW/OCTO/M3	83	66	1.5	
AULED150D	84	88	1.11	
AULED150D/DD	84	88	1.11	
AULED150D/DD/M3	84	88	1.46	
AULED150D/M3	84	88	1.46	
AULED150D/OCTO	84	88	1.11	
AULED150D/OCTO/M3	84	88	1.46	
AULED150D/WW	84	78	1.11	
AULED150D/WW/DD	84	78	1.11	
AULED150D/WW/DD/M3	84	78	1.46	
AULED150D/WW/M3	84	78	1.46	
AULED150D/WW/OCTO	84	78	1.11	
AULED150D/WW/OCTO/M3	84	78	1.46	
AULED150DHP	86	95	1.19	
AULED150DHP/DD	86	95	1.19	
AULED150DHP/DD/M3	86	95	2.07	
AULED150DHP/M3	86	95	2.07	
AULED150DHP/OCTO	86	95	1.19	
AULED150DHP/OCTO/M3	86	95	2.07	
AULED150WW	95	93	0.86	
AULED150WW/DD	95	93	0.86	
AULED150WW/OCTO	95	93	0.86	
AULED150WW/WW	95	86	0.86	
AULED150WW/WW/DD	95	86	0.86	
AULED150WW/WW/OCTO	95	86	0.86	

Product Price Index

552

Product Code	Page	Lm/W	Kg	Trade
AULED175WW	96	88	1.21	
AULED175WW/DD	96	88	1.21	
AULED175WW/OCTO	96	88	1.21	
AULED175WW/WW	96	78	1.21	
AULED175WW/WW/DD	96	78	1.21	
AULED175WW/WW/OCTO	96	78	1.21	
AULED2/REC	101	88	2.4	
AULED2/REC/DD	101	88	2.4	
AULED2/REC/DD/M3	101	88	3.3	
AULED2/REC/OCTO	101	88	2.4	
AULED2/REC/OCTO/M3	101	88	3.3	
AULED2/RMP	99	49	1.09	
AULED2/RMP/DD	99	49	1.09	
AULED2/RMP/DD/M3	99	49	2	
AULED2/RMP/OCTO	99	49	1.09	
AULED2/RMP/OCTO/M3	99	49	2	
AULED80D	78	70	0.29	
AULED80D/DD	78	70	0.29	
AULED80D/DD/M3	78	70	1.4	
AULED80D/M3	78	70	1.4	
AULED80D/OCTO	78	70	0.29	
AULED80D/OCTO/M3	78	70	1.4	
AULED80D/WW	78	60	0.29	
AULED80D/WW/DD	78	60	0.29	
AULED80D/WW/DD/M3	78	60	1.4	
AULED80D/WW/M3	78	60	1.4	
AULED80D/WW/OCTO	78	60	0.29	
AULED80D/WW/OCTO/M3	78	60	1.4	
AULED80GIM	80	70	0.32	
AULED80GIM/DD	80	70	0.32	
AULED80GIM/DD/M3	80	70	1.42	
AULED80GIM/M3	80	70	1.42	
AULED80GIM/OCTO	80	70	0.32	
AULED80GIM/OCTO/M3	80	70	1.42	
AULED80GIM/WW	80	60	0.32	
AULED80GIM/WW/DD	80	60	0.32	
AULED80GIM/WW/DD/M3	80	60	1.42	
AULED80GIM/WW/M3	80	60	1.42	
AULED80GIM/WW/OCTO	80	60	0.32	
AULED80GIM/WW/OCTO/M3	80	60	1.42	
AULEDGCP/CW	74	37	0.13	
AULEDGCP/CW/OCTO	74	37	0.13	
AULEDGCP/WW	74	32	0.13	
AULEDGCP/WW/OCTO	74	32	0.13	
AULEDGCP1/CW	76	40	0.08	
AULEDGCP1/WW	76	38	0.08	
AULEDGCP2/CW	76	33	0.13	
AULEDGCP2/WW	76	32	0.13	
AULEDGCP3/CW	76	42	0.26	
AULEDGCP3/WW	76	39	0.26	
AULEDLP1/B	177	53	0.29	
AULEDLP1/W	177	53	0.29	
AULEDLP1/WW/B	177	52	0.29	
AULEDLP1/WW/W	177	52	0.29	
AULEDLP2/B	178	71	0.45	
AULEDLP2/W	178	71	0.45	
AULEDLP2/WW/B	178	65	0.45	
AULEDLP2/WW/W	178	65	0.45	
AULEDRECWW	97	85	1.5	
AULEDRECWW/DD	97	85	1.5	
AULEDRECWW/OCTO	97	85	1.5	
AULEDS0/CW/B	179	69	0.32	
AULEDS0/CW/SS	179	69	0.32	
AULEDS0/CW/W	179	69	0.32	
AULEDS0/WW/B	179	63	0.32	
AULEDS0/WW/SS	179	63	0.32	
AULEDS0/WW/W	179	63	0.32	
AULEDS1/B	180	63	0.67	
AULEDS1/SS	180	63	0.67	
AULEDS1/W	180	63	0.67	
AULEDS1/WW/B	180	63	0.67	
AULEDS1/WW/SS	180	63	0.67	
AULEDS1/WW/W	180	63	0.67	
AULEDS2/B	182	93	0.78	
AULEDS2/SS	182	93	0.78	
AULEDS2/W	182	93	0.78	
AULEDS2/WW/B	182	86	0.78	
AULEDS2/WW/SS	182	86	0.78	

Product Code	Page	Lm/W	Kg	Trade
AULEDS2/WW/W	182	86	0.78	
AULEDS3/B	184	88	1.15	
AULEDS3/SS	184	88	1.15	
AULEDS3/W	184	88	1.15	
AULEDS3/WW/B	184	78	1.15	
AULEDS3/WW/SS	184	78	1.15	
AULEDS3/WW/W	184	78	1.15	
AULEDS4/B	185	93	1.45	
AULEDS4/SS	185	93	1.45	
AULEDS4/W	185	93	1.45	
AULEDS4/WW/B	185	88	1.45	
AULEDS4/WW/SS	185	88	1.45	
AULEDS4/WW/W	185	88	1.45	
AULEDSW/CW/B	186	31	0.58	
AULEDSW/CW/W	186	31	0.58	
AULEDSW/WW/B	186	26	0.58	
AULEDSW/WW/W	186	26	0.58	
AUMLED/B/AC	164	N/A	0.0063	
AUMLED/B/BC	164	N/A	0.025	
AUMLED/B/CW	165	36-38	0.12	
AUMLED/B/DE	164	N/A	0.0015	
AUMLED/B/LC	164	N/A	0.008	
AUMLED/B/LE	164	N/A	0.01	
AUMLED/B/SC	164	N/A	0.008	
AUMLED/B/WW	165	21	0.12	
AUMLED/W/AC	164	N/A	0.0063	
AUMLED/W/BC	164	N/A	0.025	
AUMLED/W/CW	165	36-38	0.12	
AUMLED/W/DE	164	N/A	0.0015	
AUMLED/W/LC	164	N/A	0.008	
AUMLED/W/LE	164	N/A	0.01	
AUMLED/W/SC	164	N/A	0.008	
AUMLED/W/WW	165	21	0.12	
AUNILED	214	72	0.74	
AUNLED	282	37	1.7	
AUNLED/SG	282	37	1.7	
AUSQLED100D/CW	88	82	0.34	
AUSQLED100D/CWDD	88	82	0.34	
AUSQLED100D/CWDDM3	88	82	0.34	
AUSQLED100D/CW/M3	88	82	0.34	
AUSQLED100D/CW/OCTO	88	82	0.34	
AUSQLED100D/CW/OCTOM3	88	82	0.34	
AUSQLED125D/CW	89	91	0.7	
AUSQLED125D/CWDD	89	91	0.7	
AUSQLED125D/CWDDM3	89	91	0.7	
AUSQLED125D/CW/M3	89	91	0.7	
AUSQLED125D/CW/OCTO	89	91	0.7	
AUSQLED125D/CW/OCTOM3	89	91	0.7	
AUSQLED150DHP/CW	90	92	0.75	
AUSQLED150DHP/CWDD	90	92	0.75	
AUSQLED150DHP/CWDDM3	90	92	0.75	
AUSQLED150DHP/CW/M3	90	92	0.75	
AUSQLED150DHP/CW/OCTO	90	92	0.75	
AUSQLED150DHP/CW/OCTOM3	90	92	0.75	
AUTRA/110/20	184	N/A	N/A	
AUTRA/110/60	184	N/A	N/A	
AUTRA/60/40	179	N/A	N/A	
AUTRA/80/20	179	N/A	N/A	
AUTRA/80/70	182	N/A	N/A	
AVASLED	463	96-106	2.15	
AVASLED/B	463	96-106	2.15	
AVASLED/LC	463	N/A	0.05	
AVASLED5	463	88-107	3.35	
AVASLED5/B	463	88-107	3.35	
AVEGLED/1/CW	111	84	0.5	
AVEGLED/1/CW/M3	111	84	2.52	
AVEGLED/1/WW	111	82	0.5	
AVEGLED/1/WW/M3	111	82	2.52	
AVEGLED/2/CW	111	84	0.5	
AVEGLED/2/CW/M3	111	84	2.52	
AVEGLED/2/WW	111	83	0.5	
AVEGLED/2/WW/M3	111	83	2.52	
AVENLED	489	98	4.22	
AVENLED/DD	489	98	4.22	
AVENLED/DD/M3	489	98	5.31	
AVENLED/M3	489	98	5.31	
AVENLED/OCTO	489	98	4.22	
AVENLED/OCTO/M3	489	98	5.31	

Product Code	Page	Lm/W	Kg	Trade
AVFLED10	412	94	0.55	
AVFLED10/PIR	412	94	0.57	
AVFLED100	413	102	2.56	
AVFLED100/PC	413	102	2.66	
AVFLED200	413	102	4.2	
AVFLED200/PC	413	102	4.3	
AVFLED30	412	97	0.88	
AVFLED30/PIR	412	97	0.9	
AVFLED50	412	96	1.25	
AVFLED50/PC	412	96	1.35	
AVILED/CCT/GR	328	83-84	1.12	
AVILED/CCT/GR/DD	328	83-84	1.12	
AVILED/CCT/GR/DDM3	328	83-84	1.48	
AVILED/CCT/GR/DDMWS	328	83-84	1.14	
AVILED/CCT/GR/DDMWSM3	328	83-84	1.5	
AVILED/CCT/GR/M3	328	83-84	1.48	
AVILED/CCT/GRMWS	328	83-84	1.14	
AVILED/CCT/GRMWSM3	328	83-84	1.5	
AVILED/CCT/GR/PC	328	83-84	1.22	
AVILED/CCT/SG	328	83-84	1.12	
AVILED/CCT/SG/DD	328	83-84	1.12	
AVILED/CCT/SG/DDM3	328	83-84	1.48	
AVILED/CCT/SG/DDMWS	328	83-84	1.14	
AVILED/CCT/SG/DDMWSM3	328	83-84	1.5	
AVILED/CCT/SG/M3	328	83-84	1.48	
AVILED/CCT/SG/MWS	328	83-84	1.14	
AVILED/CCT/SG/MWSM3	328	83-84	1.5	
AVILED/CCT/SG/PC	328	83-84	1.22	
AVILED/CCT/W	328	83-84	1.12	
AVILED/CCT/W/M3	328	83-84	1.48	
AVILED/CCT/W/MWS	328	83-84	1.14	
AVILED/CCT/W/MWS/M3	328	83-84	1.5	
AVILED/CCT/W/PC	328	83-84	1.22	
AVILED/HP/GR	329	78	2.36	
AVILED/HP/GR/DD	329	78	2.36	
AVILED/HP/GR/DD/M3	329	78	2.72	
AVILED/HP/GR/DD/MWS	329	78	2.38	
AVILED/HP/GR/DD/MWS/M3	329	78	2.8	
AVILED/HP/GR/M3	329	78	2.72	
AVILED/HP/GR/MWS	329	78	2.38	
AVILED/HP/GR/MWS/M3	329	78	2.8	
AVILED/HP/GR/PC	329	78	2.46	
AVILED/HP/SG	329	78	2.36	
AVILED/HP/SG/DD	329	78	2.36	
AVILED/HP/SG/DD/M3	329	78	2.72	
AVILED/HP/SG/DD/MWS	329	78	2.38	
AVILED/HP/SG/DD/MWS/M3	329	78	2.8	
AVILED/HP/SG/M3	329	78	2.72	
AVILED/HP/SG/MWS	329	78	2.38	
AVILED/HP/SG/MWS/M3	329	78	2.8	
AVILED/HP/SG/PC	329	78	2.46	
AVILED/HP/W	329	78	2.36	
AVILED/HP/W/M3	329	78	2.72	
AVILED/HP/W/MWS	329	78	2.38	
AVILED/HP/W/MWS/M3	329	78	2.8	
AVILED/HP/W/PC	329	78	2.46	
AVIMLED/GR	327	89	0.66	
AVIMLED/GR/PC	327	89	0.76	
AVIMLED/SG	327	89	0.66	
AVIMLED/SG/PC	327	89	0.76	
AVIMLED/W	327	89	0.66	
AVIMLED/W/PC	327	89	0.76	
AVLED/KIT	239	N/A	0.58	
AVOEDSWL	347	43	1.65	
AWLED/3M	509	N/A	1.02	
AWLED/L/AD	509	N/A	N/A	
AWLED/L/LAL	509	N/A	N/A	
AWLED/L/LAR	509	N/A	N/A	
AWLED/L/LAU	509	N/A	N/A	
AWLED/LI/3M/ST	508	N/A	0.88	
AWO/GU10	403	N/A	1.26	
AWO50	402	N/A	1.08	
AWZILED10	420	84	0.24	
AWZILED10/PIR	420	84	0.27	
AWZILED10/WW	420	77	0.24	
AWZILED10/WW/PIR	420	77	0.27	
AWZILED20	420	90	0.43	
AWZILED20/PIR	420	90	0.45	

Product Code	Page	LmW	Kg	Trade
AWZILED20/WW	420	83	0.43	
AWZILED20/WW/PIR	420	83	0.45	
AWZILED30	420	84	0.43	
AWZILED30/PIR	420	84	0.45	
AWZILED30/WW	420	78	0.43	
AWZILED30/WW/PIR	420	78	0.45	
AWZILED50	420	94	0.71	
AWZILED50/PIR	420	94	0.73	
AWZILED50/WW	420	84	0.71	
AWZILED50/WW/PIR	420	84	0.73	
AZATLED	295	41	0.61	
AZGU10S/SS	170	N/A	0.11	
AZGU10S/W	170	N/A	0.11	
AZILED10	418	84	0.24	
AZILED10/PIR	418	84	0.27	
AZILED10/WW	418	77	0.24	
AZILED10/WW/PIR	418	77	0.27	
AZILED20	418	90	0.43	
AZILED20/PIR	418	90	0.45	
AZILED20/WW	418	83	0.43	
AZILED20/WW/PIR	418	83	0.45	
AZILED30	418	84	0.43	
AZILED30/PIR	418	84	0.45	
AZILED30/WW	418	78	0.43	
AZILED30/WW/PIR	418	78	0.45	
AZILED50	418	94	0.71	
AZILED50/PIR	418	94	0.73	
AZILED50/WW	418	84	0.71	
AZILED50/WW/PIR	418	84	0.73	
AZLED/1	439	121	2.94	
AZLED/1/DL	439	130	2.94	
AZLED/1/DL/M3	439	130	4.64	
AZLED/1/DL/MWS	439	130	3.24	
AZLED/1/DL/MWS/M3	439	130	4.94	
AZLED/1/M3	439	121	4.64	
AZLED/1/MWS	439	121	3.24	
AZLED/1/MWS/M3	439	121	4.94	
AZLED/2	439	122	3.05	
AZLED/2/DL	439	127	3.05	
AZLED/2/DL/M3	439	127	4.75	
AZLED/2/DL/MWS	439	127	3.35	
AZLED/2/DL/MWS/M3	439	127	5.05	
AZLED/2/M3	439	122	4.75	
AZLED/2/MWS	439	122	3.35	
AZLED/2/MWS/M3	439	122	5.05	
AZLED/3	439	121	4.9	
AZLED/3/DL	439	129	4.9	
AZLED/3/DL/M3	439	129	6.6	
AZLED/3/DL/MWS	439	129	5.2	
AZLED/3/DL/MWS/M3	439	129	6.9	
AZLED/3/M3	439	121	6.6	
AZLED/3/MWS	439	121	4.96	
AZLED/3/MWS/M3	439	121	6.9	
AZLED/FB1	439	N/A	0.63	
AZLED/MWSP	439	N/A	0.24	
AZLED/REF	439	N/A	0.34	
AZTR/SS	170	N/A	N/A	
AZTR/W	170	N/A	N/A	

Terms & Conditions

554

Conditions of Sale

1. INTERPRETATION

- 1.1 The definitions and rules of interpretation in this condition apply in these conditions.
Customer: the person, firm or company who purchases the Goods from the Company.
Company: Ansell Lighting
Contract: any contract between the Company and the Customer for the sale and purchase of the Goods, incorporating these conditions.
Delivery Point: the place where delivery of the Goods is to take place under condition 4.
Goods: any goods agreed in the Contract to be supplied to the Customer by the Company (including any part or parts of them).
A reference to a law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.
- 1.2 Words in the singular include the plural and in the plural include the singular.
- 1.3 A reference to one gender includes a reference to the other gender.
- 1.4 Condition headings do not affect the interpretation of these conditions.

2. APPLICATION OF TERMS

- 2.1 Subject to any variation under condition 2.3 the Contract shall be on these conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Customer purports to apply under any purchase order, confirmation of order, specification or other document).
- 2.2 No terms or conditions endorsed on, delivered with or contained in the Customer's purchase order, confirmation of order, specification or other document shall form part of the Contract simply as a result of such document being referred to in the Contract.
- 2.3 These conditions apply to all the Company's sales and any variation to these conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by a duly authorised officer of the Company. The Customer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract. Nothing in this condition shall exclude or limit the Company's liability for fraudulent misrepresentation.
- 2.4 Each order for Goods by the Customer from the Company shall be deemed to be an offer by the Customer to buy Goods subject to these conditions.
- 2.5 No order placed by the Customer shall be deemed to be accepted by the Company until the Company delivers the Goods to the Customer.
- 2.6 The Customer shall ensure that the terms of its order and any applicable specification are complete and accurate and in writing.
- 2.7 Any quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it.

3. DESCRIPTION

All samples, drawings, descriptive matter, specifications and advertising issued by the Company and any descriptions or illustrations contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract and this is not a sale by sample.

4. DELIVERY

- 4.1 Unless otherwise agreed in writing by the Company, delivery of the Goods shall take place at the Customer's place of business unless the Goods are collected by the Customer when delivery shall take place at the Company's place of business.
- 4.2 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice. If no dates are so specified, delivery shall be within a reasonable time.
- 4.3 Subject to the other provisions of these conditions the Company shall not be liable for any direct, indirect or consequential loss (all three of which terms include, without limitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and similar loss), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor shall any delay entitle the Customer to terminate or rescind the Contract unless such delay exceeds 90 days. The Customer shall provide at the Delivery Point and at its expense adequate and appropriate equipment and manual labour for loading the Goods.
- 4.4 The Company may deliver the Goods by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with the provisions of the Contract.
- 4.5 Each instalment shall be a separate Contract and no cancellation or termination of any one Contract relating to an instalment shall entitle the Customer to repudiate or cancel any other Contract or instalment.

5. NON-DELIVERY

- 5.1 The quantity of any consignment of Goods as recorded by the Company on despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Customer on delivery unless the Customer can provide conclusive evidence proving the contrary.
- 5.2 The Company shall not be liable for any non-delivery of Goods (including shortage in quantity of Goods delivered) (even if caused by the Company's negligence) unless the Customer gives written notice to the Company of the non-delivery or shortage in quantity within three days of the date when the Goods would in the ordinary course of events have been received or in the case of a shortfall in quantity the remaining Goods

have been received.

- 5.3 Any liability of the Company in relation to this clause 5 shall be limited to replacing the non delivered Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

6. RISK/TITLE

- 6.1 The Goods are at the risk of the Customer from the time of delivery.
- 6.2 Ownership of the Goods shall not pass to the Customer until the Company has received in full (in cash or cleared funds) all sums due to it in respect of:
- (a) the Goods; and
 - (b) all other sums which are or which become due to the Company from the Customer on any account.
- 6.3 Until ownership of the Goods has passed to the Customer, the Customer shall:
- (a) hold the Goods on a fiduciary basis as the Company's bailee;
 - (b) store the Goods (at no cost to the Company) separately from all other goods of the Customer or any third party in such a way that they remain readily identifiable as the Company's property;
 - (c) not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; and
 - (d) maintain the Goods in satisfactory condition and keep them insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. On request the Customer shall produce the policy of insurance to the Company.
- 6.4 The Customer's right to possession of the Goods shall terminate immediately if:
- (a) the Customer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filed with the court for the appointment of an administrator of the Customer or notice of intention to appoint an administrator is given by the Customer or its directors or by a qualifying floating charge holder (as defined in paragraph 14 of Schedule B1 to the Insolvency act 1986), or a resolution is passed or a petition presented to any court for the winding-up of the Customer or for the granting of an administration order in respect of the Customer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Customer; or
 - (b) the Customer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe or perform any of his/its obligations under the Contract or any other contract between the Company and the Customer, or is unable to pay its debts within the meaning of section 123 of the Insolvency act 1986 or the Customer ceases to trade; or
 - (c) the Customer encumbers or in any way charges any of the Goods.
- 6.5 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.
- 6.6 The Customer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Customer's right to possession has terminated, to recover them.
- 6.7 Where the Company is unable to determine whether any Goods are the goods in respect of which the Customer's right to possession has terminated, the Customer shall be deemed to have sold all goods of the kind sold by the Company to the Customer in the order in which they were invoiced to the Customer.
- 6.8 On termination of the Contract, howsoever caused, the Company's (but not the Customer's) rights contained in this condition 6 shall remain in effect.

7. PRICE

- 7.1 Unless otherwise agreed by the Company in writing, the price for the Goods shall be the price set out in the Company's price list published on the date of delivery or deemed delivery.
- 7.2 The price for the Goods shall be exclusive of any value added tax
- 7.3 Our catalogue, price lists and website contain a large number of products. It is always possible that, despite our reasonable efforts, some of the products may be incorrectly priced. If we discover an error in the price of any product you have ordered we will inform you of this error as soon as possible and we will give you the option of continuing to purchase the product at the correct price or cancelling your order.

8. PAYMENT

- 8.1 Subject to condition 8.4, payment of the price for the Goods is due in full within terms notified.
- 8.2 Time for payment shall be of the essence.
- 8.3 No payment shall be deemed to have been received until the Company has received cleared funds.
- 8.4 All payments payable to the Company under the Contract shall become due immediately on its termination despite any other provision.
- 8.5 The Customer shall make all payments due under the Contract in full without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Customer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Customer.

Terms & Conditions

- 8.6 If the Customer fails to pay the Company any sum due pursuant to the Contract, the Company reserves the right to claim interest under the provisions of the Late Payment of Commercial Debts (Interest) Act 1998..
- 9. QUALITY**
- 9.1 The Company warrants that (subject to the other provisions of these conditions) on delivery and for a period of 12 months from the date of delivery the Goods shall be of satisfactory quality within the meaning of the Sale of Goods Act 1979
- 9.2 The Company shall not be liable for a breach of the warranty in condition 9.1 unless:
- (a) the Customer gives written notice of the defect to the Company, and, if the defect is as a result of damage in transit to the carrier, within 3 days of the time when the Customer discovers or ought to have discovered the defect; and
 - (b) the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Customer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Company's cost for the examination to take place there.
- 9.3 The Company shall not be liable for a breach of the warranty in condition 9.1 if:
- (a) the Customer makes any further use of such Goods after giving such notice; or
 - (b) the defect arises because the Customer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or
 - (c) the Customer alters or repairs such Goods without the written consent of the Company.
- 9.4 Subject to condition 9.2 and condition 9.3, if any of the Goods do not conform with the warranty in condition 9.1 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Customer shall, at the Company's expense, return the Goods or the part of such Goods which is defective to the Company.
- 9.5 If the Company complies with condition 9.4 it shall have no further liability for a breach of the warranty in condition 9.1 in respect of such Goods.
- 9.6 Any Goods replaced shall belong to the Company and any repaired or replacement Goods shall be guaranteed on these terms for the unexpired portion of the 12 month period.
- 9.7 Under no circumstances will charges for any repair or remedial work, including labour cost or equipment hire, be accepted without prior written consent and agreement from Ansell.
- 10. LIMITATION OF LIABILITY**
- 10.1 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 10.2 Nothing in these conditions excludes or limits the liability of the Company:
- (a) for death or personal injury caused by the Company's negligence; or
 - (b) for any matter which it would be illegal for the Company to exclude or attempt to exclude its liability; or
 - (c) for fraud or fraudulent misrepresentation.
- 10.3 Subject to condition 10.1:
- (a) the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract price; and
 - (b) the Company shall not be liable to the Customer for loss of profit, loss of business, or depletion of goodwill in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the Contract.
- 11. ASSIGNMENT**
- 11.1 The Company may assign the Contract or any part of it to any person, firm or company.
- 11.2 The Customer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company.
- 12. FORCE MAJEURE**
- The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Customer (without liability to the Customer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, acts of terrorism, protests, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials, provided that, if the event in question continues for a continuous period in excess of 90 days, the Customer shall be entitled to give notice in writing to the Company to terminate the Contract.
- 13. GENERAL**
- 13.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.
- 13.2 If any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to the extent of such illegality, invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.
- 13.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract shall not be construed as a waiver of any of its rights under the Contract.
- 13.4 Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Customer shall not be deemed a waiver of any subsequent breach or default and shall in no way affect the other terms of the Contract.
- 13.5 The parties to the Contract do not intend that any term of the Contract shall be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
- 13.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by the law appropriate to the country of residence of the Ansell company supplying the goods and the parties submit to the exclusive jurisdiction of the relevant courts.
- 14. COMMUNICATIONS**
- 14.1 All communications between the parties about the Contract shall be in writing and delivered by hand or sent by pre-paid first class post, sent by fax or Email:
- (a) (in case of communications to the Company) to its registered office and copied (if different from the Company's principal place of business as shown on the invoice rendered by the Company for the Goods) to said principal place of business or such changed address as shall be notified to the Customer by the Company; or
 - (b) (in the case of the communications to the Customer) to the registered office of the addressee (if it is a company) or (in any other case) to any address of the Customer set out in any document which forms part of the Contract or such other address as shall be notified to the Company by the Customer.
- 14.2 Communications shall be deemed to have been received:
- (a) if sent by pre-paid first class post, two days (excluding Saturdays, Sundays and bank and public holidays) after posting (exclusive of the day of posting); or
 - (b) if delivered by hand, on the day of delivery; or
 - (c) if sent by fax on a working day prior to 4.00 pm, at the time of transmission and otherwise on the next working day.
- 15. ORDER VALUE**
- 15.1 Please contact the Ansell Sales Office for value of carriage paid orders.
- 16. PURCHASE ORDERS**
- 16.1 Written and priced orders will only be accepted.
- 17. DIRECT DELIVERIES**
- 17.1 Ansell are unable to accept any liability for lost or misplaced goods once they have been delivered with a clear signature at a specified direct delivery address.
- 18. GOODS FOR RETURN**
- 18.1 Under no circumstances may goods be returned without a documented authorisation number from Ansell sales office. Unauthorised returns will not be accepted. Goods will only be accepted for the stated reason.
- 18.2 The documented authorisation numbers from Ansell sales office will only be valid for 28 days after being issued and goods returned outside this period may be refused.
- 18.3 Ansell will make every effort to issue a credit note for returned goods within 28 days of receiving the goods. If a credit note has not been issued within this 28 day period it is the responsibility of the customer to investigate such outstanding credits with Ansell in a timely manner.
- 18.4 All faulty goods returned are inspected and tested. Any found to be in perfect working order will be returned and re-invoiced, together with any applicable carriage charges.
- 18.5 Goods purchased within a twelve week period and no longer required, might be accepted for return at the discretion of Ansell. Upon authorisation, it is the responsibility of the customer to return the consignment, ensuring that the goods are in full working order and in a re-saleable condition. Products and product boxes that are damaged (including transit damage), defaced or with broken seals will not be accepted for return and it is the responsibility of the customer to ensure compliance.
- 18.6 Products with remote or integral emergency cannot be accepted for return under any circumstances.
- 19. PRODUCTS MADE TO ORDER**
- 19.1 Orders for specials ie variations to standard products or products not defined as stock items, are ordered and supplied on a strictly non-returnable basis.
- 19.2 Non-cancellable order basis. Under no circumstances will the company accept returns in full or partial quantities.
- 20. SPECIFICATION**
- 20.1 It is the responsibility of the purchaser to ensure that any product selected is suitable and / or applicable for the intended installation.
- 21. COPYRIGHT**
- 21.1 All products, names, drawings and descriptions may not be reproduced in any form whatsoever without prior written consent from Ansell.
- 22. PROTECTION OF PERSONAL DATA**
- 22.1 The Company and the Customer undertake to comply with Regulation (EU)



Warranty Information

556

WARRANTY AND PERIOD

Ansell Lighting warrants only to the original end user that the products and parts manufactured will be free from defects in material and workmanship for the warranty period. The warranty period is determined commencing upon date of invoice to the end user or, if the end user cannot provide proof of invoice, then the dispatch date from Ansell Lighting.

LED warranty period is based on an average operating usage of eight hours per day and applies where failures exceed a component manufacturers expected failure rate and lumen depreciation.

ANSELL LIGHTING OBLIGATION UNDER WARRANTY

Ansell Lighting's sole obligation under the warranty, shall be to repair or provide replacement product(s) during the warranty period. Ansell Lighting does not assume responsibility for delays in replacement or repair of products or parts. Products and parts repaired or replaced by Ansell Lighting under warranty, shall be warranted for the balance of the original warranty period.

DISCLAIMER OF ALL OTHER WARRANTIES

No other warranties, expressed or implied, are given, and Ansell Lighting expressly disclaims all other warranties, including and without limitation, the implied warranties of merchantability and fitness for purpose.

LIMITATIONS

No salesperson, representative, distributor or agent of Ansell Lighting, is authorised to make any guarantee, warranty, or representation that contradicts the terms contained in this Limited Warranty. Any Waiver, alteration, addition, or modification to the warranties contained herein must be in writing and signed by an authorised representative of Ansell Lighting to be binding and enforceable. Ansell Lighting does not assume responsibility for any specific application to which any products or parts of products are applied including, but not limited to, compatibility with other products. Ansell Lighting will not accept any responsibility or warrant any product that has been tampered with or has been changed, altered or wrongly installed. All statements, technical information, or recommendations relating to the products or parts issued by Ansell Lighting are based upon tests believed to be reliable, but do not constitute a guarantee or warranty. Ansell Lighting shall not under any circumstances be liable to any party for loss of profits, loss of goodwill, or any other special, consequential, or incidental damages whatsoever, with respect to any claim in connection with products or parts manufactured by Ansell Lighting or products or parts used in any product or products manufactured by Ansell Lighting

EXCLUSIONS TO THE WARRANTY

The limited warranty shall be null and void in the following circumstances :-

1. Modification or repair of any covered product or part by the installer, end user or any non-authorised Ansell Lighting service provider
2. Improper use or installation, failure to conduct regular maintenance or cleaning, or damage by accident or neglect, of any covered product or part by the end user or any third party. In particular, all AISI316L stainless steel products must be cleaned with the Ansell cleaning kit ASSCK every three months to keep the features of the product unaltered.
3. Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature (normal operating ambient temperature 0 - 25°C), humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the product or parts.
4. Ansell Lighting will not assume responsibility for corrosion or other resulting damage to products where they are installed in areas in which fertilizer or chemicals are present, either in the air or in the soil or where products are installed near to chemical plants etc., or areas with emissions of heavy polluted air.
5. Failure of supplied lamps: all lamps have a manufacturers average lamp life and can fail before or after the prescribed average. Lamp life is reduced by switching cycles, temperature and voltage fluctuations outside of their operational range.
6. It is essential that the battery packs within all emergency luminaires are replaced after a four year period. All emergency luminaires must be tested in accordance with BS EN 5266-8-2004. Increased frequency of emergency testings may result in the premature replacement of battery pack before the standard four year period. Batteries are supplied with a 24 month warranty only.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Important Information

The information, technical specification and photography contained in this catalogue is representative of general models, correct at time of going to press. All dimensions and weight given are advisory and should be checked and confirmed prior to any crucial installation procedures such as ceiling cut-outs taking place. Whilst suggestions regarding luminaire applications are given, it is the responsibility of the installer to verify suitability.

Ansell Lighting reserves the right to make any modification necessary to parts or details without prior notice. The information contained in this publication does not form part of any contract with Ansell Lighting and any item supplied is done in full accordance of our Conditions of Sale (copy available on request).

Ansell (Sales & Distribution) Ltd

Unit 2 , M2 Business Park,
Duncrue Street,
Belfast,
BT3 9AQ

T: +44 (0) 2890 773750
F: +44 (0) 2890 773783
E: sales@anselluk.com

**Ansell Lighting
Innovation and Design Office**

Suite 1A, Littlemead Offices,
Tangmere Road,
Chichester,
West Sussex,
PO20 2EU

Ansell Lighting

Yu Ge Commercial Building,
Cuiyi Road,
Dongguan City,
Guangdong Province,
Peoples Republic of China

Department Direct Contacts

International

T: 01942 433 343

Purchasing

T: 01942 433 345

Accounts

T: 01942 433 335

Marketing

T: 01942 433 346

Lighting Design

T: 01942 433 537

Technical

T: 01942 433 331



www.anselluk.com

a wholly owned subsidiary of

ENDO
LIGHTING CORP.