ENLITE®

AURORA® LIGHTING GROUP

TRADE EDITION ONE

AURORA®
LIGHTING GROUP

"Times are changing for the lighting industry."

The IoT has brought about benefits through lighting that is revolutionising how it is being specified and considered in the built environment. Lighting is a single essential network that eliminates the need for additional occupancy sensing, control solutions, and energy management whilst providing 'Everything as a Service'. As an existing, essential infrastructure element, lighting can readily form the backbone of an intelligent network of endpoints delivering Value Beyond Illumination across property and business portfolios.

Building intelligence is essential for business efficiency, sustainability and profitability; we have developed an end-to-end smart lighting offering that puts the Aurora Lighting Group at the heart of the smart buildings industry.

Aurora has launched its enterprise smart lighting platform, AXiO, the first in the world to be powered by Gooee and the first to offer a smart lighting product range across multiple applications. Through trade, we have launched the AOne smart lighting "smart spaces" solution that enables homes and small businesses to transform their spaces into smart environments.

However, although the IoT era demands the need for additional technology, both hardware and software, it requires more than just product and a platform. A complete service solution is necessary, from needs assessment, design review to corporate integration, which is how Aurora ensures it is tailored to every individual business' needs and delivers exceptional Value Beyond Illumination™.

Aurora has invested heavily in preparation for this change with the establishment of an IoT division, the expansion of its UK team and the and new facilities.

For trade our focus is to lead in connected lighting and sensing control devices that are interoperable on current and future smart platforms. We have continued to innovate, and heavily invest in the development of a new product range and the launch of this new catalogue demonstrates our continued commitment to LED lighting that offers the best in value and performance. We aim to continue to deliver what people expect from Aurora's service.

Andrew Johnson
Founder & Group CEO
Aurora Lighting Group

The Aurora Group is a multi award-winning international LED lighting & technology organisation, specialising in the design, manufacture and distribution of innovative, smart energy saving solutions for projects, trade and OEM/ODM customers through our global network, supporting trade and projects divisions with the formation of the IoT development and test centre.

UK Design & Manufacturing Platform

Manufacturing, Testing, R&D + Consolidation

Fully Integrated Manufacturing Megacentre

BIG PERFORMANCE | HIGH QUALITY | SMART CONTROL

Engineered by the Aurora Lighting Group, Enlite, through its innovative LED design and optics, combined with a proven reputation for quality, is rapidly becoming the number one choice amongst wholesalers, lighting contractors and specifiers on all continents.

Since 2015, Enlite's popular product range has rapidly grown and evolved to become one of the leading trade brands.

This success and growth has been built on the core values of the Aurora Lighting Group and its ability to engineer and deliver reliable, compliant, high performing solutions within the key product groups of fire rated downlights, LED lamps and LED integrated luminaires.

These values, combined with built-in high product quality, competitive pricing and comprehensive technical support provide a compelling offer.

A highly experienced cross-disciplinary team based at our dedicated Swindon development and test facility. With focus on front and back-end development technologies enhancing customer UI and UX experience the IOT Division is enabling both the Trade and Projects divisions to deliver Value Beyond Illumination.

- Embedded, front and back-end development technologies across Linux and Microsoft technology stacks: Eg. C/C++/C#, ASP.Net, SQL/NoSQL, Node.js
- UI and UX experience covering responsive mobile and desktop designs: HTML5/CSS3/ Javascript/jQuery
- Application development using native iOS and Android or cross-platforms frameworks eg. React Native
- Enhanced wireless lighting control & analytics
- Space utilisation & occupancy analytics
- Sensory architecture

Through our added value focus of design, manufacturing and installation services we are engineered to our customers needs.

Our partnership with Gooee and continuing investment in enabling technology ensures you have a platform partner that is focused on delivering your commercial objectives through lighting solutions.

- Exporting to over 40 Countries
- Value Creating Lighting Design
- Thermal and Optical Specialists
- 22,000 SKU's and custom product options.
- Full service programme management

New Pro Range Categories

AURORA® AOne™ control

VALUE BEYOND ILLUMINATION™

Pg.12-13

The new AOne™ kit provides end users with an affordable smart lighting control solution, with increased energy saving and security benefits. Take control from anywhere, including dimming, scene and scheduling functions.

E6™ PRO

Pg.19

The brand new E6™ PRO is a revolution in LED downlight performance and installation. Utilising a unique RapidWire connection system, the whole product can be fully wired and installed in a matter of seconds.

EFD™ PRO

Pg.23

The EFD™ PRO is our new range of stylish and professional fire rated GU10 downlights. Perfect for use with Enlite's market leading range of ICE™ lamps, the EFD™ PRO range is also fitted with our latest push-fit terminal block for even faster installation.

EDLM™ PRO

Pg.40-42

The EDLM™ PRO offers a wide range of downlights which include fixed, adjustable, wallwashers, IP rated and downlight multiples. With contemporary designs and high-quality finishes, the EDLM™ PRO range is ideal for use with Enlite ICE™ lamps.

ICE™ LAMP PRO

Pg.54

The 10W ICE™ Pro is a high specification LED GU10 lamp producing up to 950lm making them ideal for retail and hospitality applications.

E6060™ PRO

Pg.62-63

The brand new E6060™, E1230™ and E1260™ PRO range of LED panels deliver an industry leading 110lm/W, producing over 60% energy savings compared to traditional fluorescent. A superior level of construction results in an IP44 rating as standard for damp environments.

Ariah™ PRO

Pg.77

Now producing a market leading 150lm/W, Enlite's Ariah™ PRO LED highbay can now replace a traditional 400W industrial fixture with just 150W of LED and provide over 65% energy savings compared to traditional technology.

WallE™ PRO

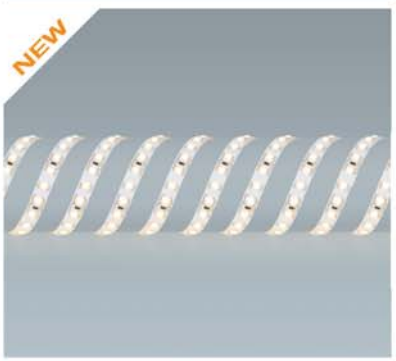
Pg.96-98

Range of decorative interior and exterior luminaires with integrated LED and GU10 options available to suit every commercial and domestic application

G-Lite™ PRO

Pg.106-107

The G-Lite™ PRO range of professional in ground GU10 and integrated LED fixtures have superior levels of construction, loop in loop out capability and 316 stainless steel bezel options to enhance both the design and durability of any exterior lighting design



LEDline™ PRO

Pg.118-131

LEDline™ PRO offers a variety of high quality of LED strip in single colour or RGB, RGBW and IP rated up to IP67 in either 12V or 24V.

AURORA®
LIGHTING GROUP

Product Finder

Smart Pg.8-13

Starter Lighting KIT

Retrofit Lighting KIT

Wireless Remote

Wireless Dimming Control

Fire Rated Pg.16-25

6W Fixed Dimmable

4.5W Fixed/Adjustable

8W Fixed/Adjustable

8W Colour Switchable

Fixed GU10

Adjustable GU10

IP65 GU10

Fixed GU10

Adjustable GU10

IP65 GU10

Adjustable Baffled GU10

Downlighting Pg.28-43

13-45W IP54

10-30W IP44

6-24W IP44

7W IP44 Fixed Baffle

10W IP44 Fixed Baffle

10W IP44

8W IP44

10W Colour Switch

Fixed GU10 Lock Ring

Adjustable GU10 Lock Ring

Adjustable GU10 Lock Ring

IP65 GU10

IP44 GU10

Adjustable Single

Adjustable Twin Multiple

Fixed GU10

Adjustable GU10

IP65 GU10

Display Pg.46-49

30W Adj Wallwasher

45W Adj Wallwasher

Single Circuit Track GU10

1m Track

Live end

Dead end

ENLITE®

ICE™ LAMP 53 — 3W Coloured GU10
ICE™ LAMP 53 — 4-5W GU10
ICE™ LAMP PRO 54 — 10W GU10
ICE™ LAMP 55 — 5W MR16
ICE™ LAMP 55 — 4W MR11 GU10
ICE™ LAMP 55 — 1.5W MR11
E360™ 56 — 5W LED GLS
EDim™ 57 — 9W LED GLS
EDim™ 57 — 5W LED Candle
EDim™ 57 — 5W LED Golf Ball
EGX53 58 — GX53, G4, G9, R7
T120™ 59 — 20-23W T8 LED Tubes

Lamps Pg.52-59

E6060™ PRO 62 — 110lm/W LED Flat Panels
E1230™ PRO 63 — 110lm/W LED Flat Panels
E1260™ PRO 63 — 110lm/W LED Flat Panels
E6060™ 64 — 95lm/W LED Flat Panels
E1230™ 65 — 95lm/W LED Flat Panels
E1260™ 65 — 110lm/W LED Flat Panels
Accessory 66 — 600x600mm Surface Mount Kit
Accessory 66 — 1200x300mm Surface Mount Kit
Accessory 66 — 1200x600mm Surface Mount Kit
Accessory 66 — 600x600mm Ceiling Recess Mount
Accessory 66 — 1200x300mm Ceiling Recess Mount
Accessory 66 — 1200x600mm Ceiling Recess Mount
LinearPac™ 68 — 40-69W IP65
UniPac™ 69 — 36-72W IP65
EnPac™ 71 — 40-45W IP20
Eco8™ 72 — 10-24W IP20
EcoT8™ 73 — 18-27W IP20
EcoT8™ 73 — 33-51W IP20

LED Panels & Linears Pg.62-73

Ariah™ PRO 77 — 150lm/W LED Highbay
Helius™ 78 — 10W IP65
Helius™ 78 — 30-50W IP65
Helius™ 78 — 100-300W IP65
HeliusPIR™ 80 — 10W IP65 PIR
HeliusPIR™ 80 — 30-50W IP65 PIR
QuaZar™ 82 — 10W IP65 Slim
QuaZar™ 82 — 20W IP65 Slim
QuaZar™ 82 — 30-50W IP65 Slim
QuaZarPIR™ 84 — 10W IP65 Slim PIR
QuaZarPIR™ 84 — 20W IP65 Slim PIR
QuaZarPIR™ 84 — 30-50W IP65 Slim PIR

LED High Bays & Floodlights Pg.76-85

AURORA® LIGHTING GROUP

Product Finder

LED Bulkhead Pg.88-93

Wall & Low Level Pg.96-103

Ground light Pg.106-115

Channel Pg.119

ENLITE®

LED Strip Pg.118-139

LEDline PRO 120 — 24V Super Bright LED
LEDline PRO 121/125 — 24V RGBW Super Bright
LEDline PRO 122 — 24V RGB Super Bright
LEDline PRO 124 — 24V IP67 Super Bright
LEDline PRO 126 — 24V IP67 RGB Super Bright
LEDline PRO 128 — 12V LED Single Colour
LEDline PRO 129 — 12V IP65 LED Single Colour
LEDline PRO 130 — 12V RGB LED
FlexE240 133 — 240V IP65 Interconnectable
LEDline 134 — Single Colour Cuttable
Blade 136 — Undercabinet Striplight
LinkE 138 — Undercabinet Striplight

Power & Control Pg.142-149

Power 142 — IP68 Constant Current
Power 142 — IP20 Constant Current
Power 142 — IP20 Constant Voltage
Power 143 — IP67 Constant Voltage
Power 143 — 24V Constant Voltage
Power 143 — IP68 Constant Voltage
Power 143 — High Power Constant Voltage
Power 144 — IP67 Constant Voltage
Control 146 — DMX RGBW Sub Controller
Control 146 — DMX Master Controller
Control 146 — DMX RGBW Controller
Control 146 — Colour Changing Controller
Power 148 — 12V Transformer
Power 148 — 12V Transformer
Power 148 — 12V Transformer
Dimmer 149 — Dimmer switch
Dimmer 149 — Dimmer module
FASTRFIX™ 149 — 3 Pole Connector

Emergency Pg.150-151

Emergency 151 — Ceiling Mount
Emergency 151 — Wall Mount
Emergency 151 — Recessed Mount
Emergency 151 — Emergency Pack

AOne™ powered by Gooee

Smart Lighting Spaces

Take Control...

Home

Aurora's AOne™ smart lighting, sensing and control platform, powered by Gooee®

- Retrofit using existing wiring
- Fast & hassle-free installation
- Commercial-grade security
- 120W Up to 120W circuit load per dimmer
- Control from anywhere
- Multi-user control
- Control individually or as groups (requires multiple inline dimmer units)
- Scene scheduling
- Control via AOne app or remote
- Hub controls multiple inline dimmers
- Designed with lighting in mind
- {api} Integration with 3rd party services

Smartening Spaces from Home to Office to Store

SMART IN 15 MINUTES

AOne™ is a retrofit smart lighting, control and sensing platform that can be installed in minutes.

Aurora's new AOne™ kit spells the end for complicated and expensive lighting control systems.

The dimmers can be installed inline between the switch and first light, or individually in a matter of minutes meaning there's no extra wiring required.

Connect and configure the AOne™ kit on your device, then simply hand over configuration to the user via email.

3 STEP SMART HOME INSTALLATION:

Connect Hub to internet router via ethernet cable.

AOne™ enables full control of your lighting space via your phone.

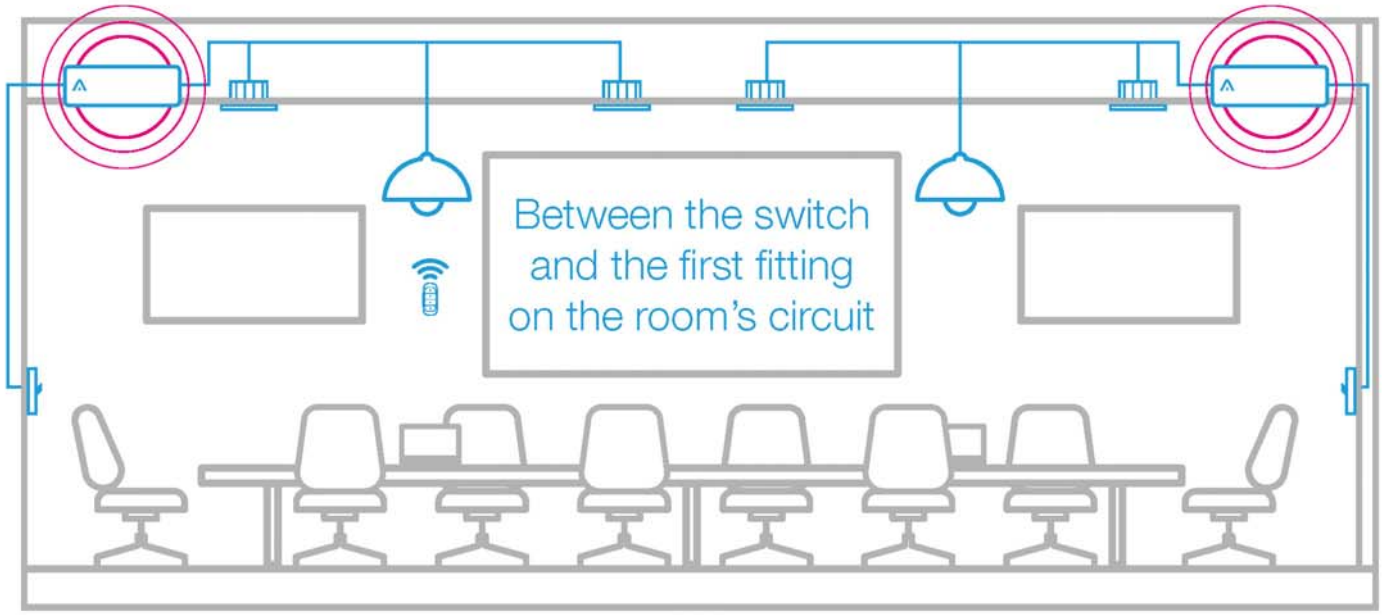
Plug in power supply.

When powered the 4 LED indicator lights will flash

Download FREE AOne App.

Available via the Google Play or IOS App Store. Follow in-app instructions.

SO WHERE DOES THE AONE™ DIMMER GO?



TAKE CONTROL

Aurora will bring to market a range of smart lighting, sensing and control devices on the AOne™ platform.

AOne enables full control of your lighting spaces via your handheld devices or remote controllers.

The new AOne kits provide users with an affordable smart lighting control solution, with increased energy saving and security benefits.

Take control from anywhere, including dimming, scene and scheduling functions.

The free AOne App for Android and IOS users allows account sharing amongst multiple users at the touch of a button and control from anywhere in the world!

Starter Kit

EVERYTHING YOU NEED
STRAIGHT FROM THE BOX

Choose an intelligent lighting system which includes 6 ultra efficient mPro™ fire rated downlights - ideal for new build projects.

AU-A1ZKM6/30

Complete smart lighting kit includes:

1x Remote

Wall-mountable ZigBee wireless remote enables local room control, on/off switching, manual dimming and scene setting
(Battery included)

1x Hub

ZigBee smart hub, connects to your home router.
Control multiple ZigBee devices

1x Inline Dimmer

120W ZigBee wireless
LED dimming control module
220-240V

6x Downlights with Bezels

Ultra efficient 600lm 7W IP65 fire rated
LED downlights with white bezels
3000K • 60° Lens • L70 40,000hrs • 65mm Cutout

Retrofit Kit

BEGIN YOUR SMART SPACE LIGHTING EXPERIENCE

The Retrofit Kit enables you to benefit from smart technology without replacing lighting hardware - perfect for use with your existing dimmable fittings.

AU-A1ZRK1

Retrofit smart lighting kit includes:

AVAILABLE TO PURCHASE SEPARATELY

COMPATIBLE WITH AURORA® + ENLITE® DIMMABLE PRODUCTS*

1x Remote

Wall-mountable ZigBee wireless remote enables local room control, on/off switching, manual dimming and scene setting
(Battery included)

1x Hub

ZigBee smart hub, connects to your home router. Control multiple ZigBee devices

1x Inline Dimmer

120W ZigBee wireless LED dimming control module 220-240V

Smart Lighting Accessories: (purchase individually)

AU-A1ZBRC
Wall-mountable ZigBee wireless remote enables local room control, on/off switching, manual dimming and scene setting
(Battery included)

AU-A1ZB120
120W ZigBee wireless
LED dimming control module
220-240V
(For resistive loads - max 250W capacity)

Downlights & Bezels

AU-MPRO1*
*Add suffix /27 (2700K), /30 (3000K) or /40 (4000K)

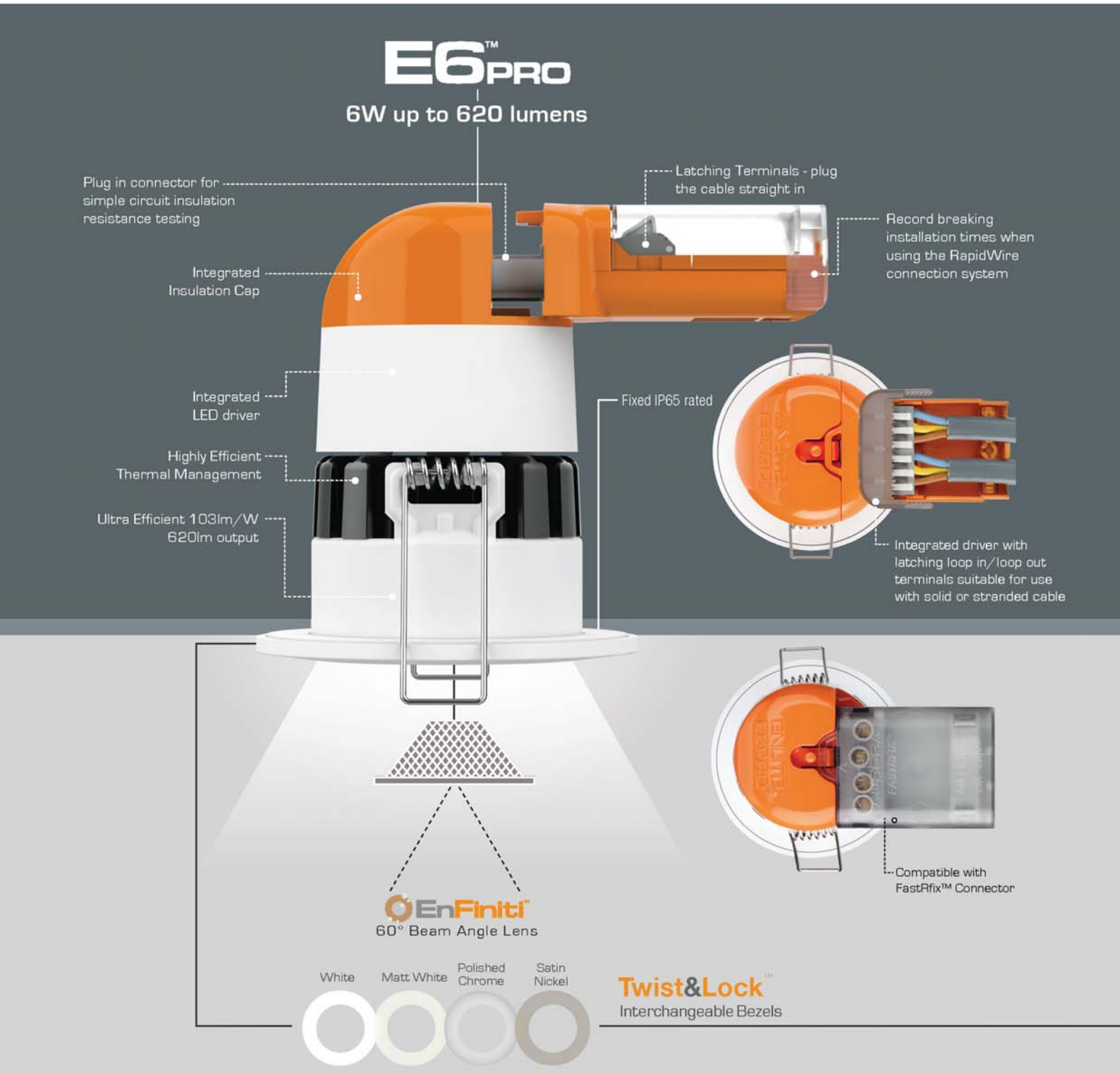
AU-BZ600*
*Add suffix W (White), MW (Matt White), PC (Polished Chrome) or SN (Satin Nickel)

*Full compatibility is not guaranteed with other manufacturers products

Tool Free : Wire in Seconds

- **RapidWire connection system for fastest ever downlight installation**
- **Plug-in connector to allow for electrical circuit insulation resistance testing**
- **Ultra efficient 103lm/W**
- **Insulation coverable**

The new Enlite E6™ PRO has been designed with the installer in mind. Utilising the revolutionary RapidWire connection system, it has never been faster or more simple to install a downlight.
Simply strip the cable and plug it directly into the removable connector. Close the connector to secure the cables and after testing the circuit, plug straight into the downlight and secure in the ceiling.
No tools. No fuss. No time wasted.



Market Leading Fire Rated LED Downlights

- **Fixed, adjustable and colour switchable LED downlights with a range of lumen outputs, CCTs and bezel accessories**
- **Fully tested and certified for 30, 60 & 90 minute ceilings, see page 158 for more information**
- **Loop in/Loop out terminals and insulation coverable for ease of installation**

Enlite's range of integrated LED fire rated downlights have set a new standard in performance and value. Ultra efficient LEDs, expert thermal management and widely acclaimed optic designs have all combined to create powerful, reliable and attractive downlights that have become the market leading favourite. The 440 lumen E5™, the 640 lumen E8™ and the addition of the variable colour temperature E8CX™ means that there is an Enlite fire rated downlight for every application.

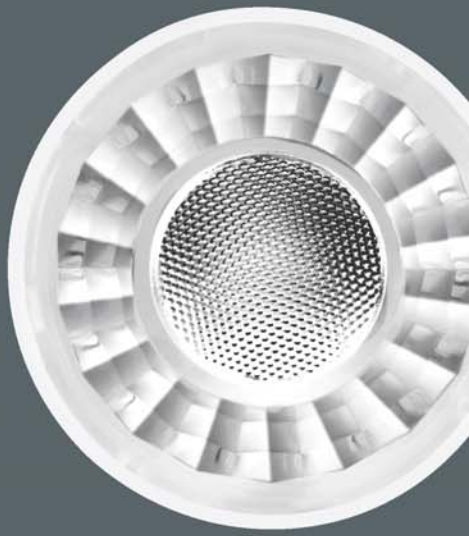
Available January 2018

E6™PRO

30 MIN 60 MIN 90 MIN

Up to 103 lm/W
TOOL-FREE installation

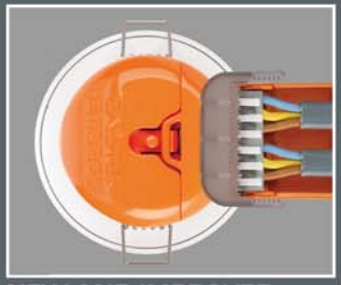
Record breaking installation times when using the RapidWire connection system



INSULATION COVERABLE 300mm FIBRE BASED

- No accessory required
- No fire cage or hood required
- No insulation cut-out required

INTEGRATED DRIVER WITH LATCHING LOOP IN/LOOP OUT TERMINALS SUITABLE FOR USE WITH SOLID OR STRANDED CABLE



NEW AND IMPROVED LATCHING TERMINALS FOR FASTER INSTALLATION

FIRST FIX & TESTING

SECOND FIX

Description

The brand new E6™ PRO is a revolution in LED downlight performance and installation. Utilising the unique RapidWire connection system, the whole product can be fully wired and installed in a matter of seconds. The use of latching terminals provides the security of screw terminations for both solid and stranded core cables and can be wired even faster than standard push fits. The removable connector allows full circuit insulation resistance testing without risking any damage to the downlight, which can be simply plugged in afterwards.

Features & Benefits

- Quick, easy and fully tool-free installation
- Plug in connection system for first fix and insulation resistance testing
- High performance up to 103lm/W
- EnFiniti™ edge-to-edge multifaceted polycarbonate lens for low glare and halogen like appearance
- Wide 60° beam angle delivers increased light distribution
- Fibre based insulation coverable - up to 300mm
- Super slim interchangeable IP65 bezels provide a high end sleek finish
- Compatible with Aurora FastRfix™ connector
- Tested in 30, 60 and 90-minute fire rated ceilings
- **5 year warranty**

6W up to 620 Lumens
L70 50,000 Hours

FOR DIMMING COMPATIBILITY SEE PAGE 154

FIXED E6™PRO **IP65** WITH THE APPROPRIATE BEZEL (SOLD SEPARATELY)

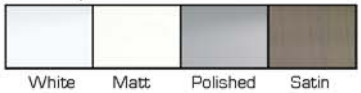
NEW **EN-DE6PRO**
E6™ PRO Fixed 6W **Dimmable** Fire Rated LED Downlight

30 MIN 60 MIN 90 MIN

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall [Ø]	Cutout [Ø]	Recess	Subst.
E6™PRO DIMMABLE FIXED										
EN-DE6PRO/30	6W	60°	3000K	**580lm**	**97**	50,000	85mm	70mm	100mm	50W
EN-DE6PRO/40	6W	60°	4000K	**620lm**	**103**	50,000	85mm	70mm	100mm	50W
ACCESSORIES										
EN-BZE8*	E6™ PRO/E8™ Fixed IP65 Aluminium Downlight Bezel									

*Add suffix **W**, **MW**, **PC** or **SN** for White, Matt White, Polished Chrome or Satin Nickel finishes.
3 hour **Emergency pack AU-FRLM10EM** available.

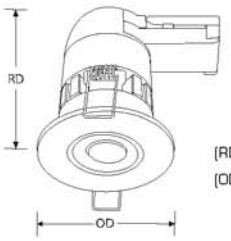
Finish Options:



White | Matt White | Polished Chrome | Satin Nickel

Technical Information

CRI 80 L1 L2



(RD) 100mm Recess Depth
(OD) 85mm Overall (Ø)

Description

The E5™ and established E8™ fixed and adjustable fire rated downlights set new levels in performance. Featuring the sparkling low glare multifaceted EnFiniti™ lens and delivering up to 440lm from the 4.5W version and 640lm from the 8W. The E5™ and E8™ are packed with features and benefits which allow for a quick and cost effective installation while still providing users with optimum performance and energy saving LED technology.

Features & Benefits

- EnFiniti™ edge-to-edge multifaceted polycarbonate lens for low glare and halogen like appearance
- Wide 60° beam angle delivers increased light distribution
- Fibre based insulation coverable - up to 300mm
- Integrated driver with new push fit loop in/out terminals suitable for use with solid or stranded cable for easy installation
- Super slim interchangeable IP65 bezels for fixed version provide a high end sleek finish. IP20 bezel included with adjustable version
- Tested in 30, 60 and 90-minute fire rated ceilings
- **3 year warranty**

4.5 - 8W up to 640 Lumens L70 25,000 Hours

FOR DIMMING COMPATIBILITY SEE PAGE 154

EN-DE5
E5™ **Fixed** 4.5W Dimmable Fire Rated LED Downlight

EN-DE52
E5™ **Adjustable** 4.5W Dimmable Fire Rated LED Downlight

EN-DE8
E8™ **Fixed** 8W Dimmable Fire Rated LED Downlight

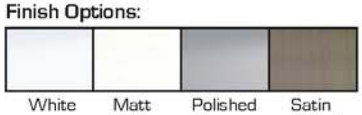
EN-DE82
E8™ **Adjustable** 8W Dimmable Fire Rated LED Downlight

30 MIN | 60 MIN | 90 MIN | AIR LEAKAGE (EXCLUDING ADJUSTABLE)

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Horz. Adj.	Overall [Ø]	Cutout [Ø]	Recess	Subst.
E5™ DIMMABLE FIXED											
EN-DE5/30	4.5W	60°	3000K	400lm	89	25,000	-	78mm	60mm	70mm	35W
EN-DE5/40	4.5W	60°	4000K	420lm	93	25,000	-	78mm	60mm	70mm	35W
E5™ DIMMABLE ADJUSTABLE											
EN-DE52*/30	4.5W	60°	3000K	420lm	93	25,000	20°	88mm	75mm	90mm	35W
EN-DE52*/40	4.5W	60°	4000K	440lm	97	25,000	20°	88mm	75mm	90mm	35W
E8™ DIMMABLE FIXED											
EN-DE8/30	8W	60°	3000K	580lm	73	25,000	-	85mm	70mm	90mm	50W
EN-DE8/40	8W	60°	4000K	620lm	78	25,000	-	85mm	70mm	90mm	50W
E8™ DIMMABLE ADJUSTABLE											
EN-DE82*/30	8W	60°	3000K	610lm	76	25,000	20°	98mm	85mm	100mm	50W
EN-DE82*/40	8W	60°	4000K	640lm	80	25,000	20°	98mm	85mm	100mm	50W
ACCESSORIES											
EN-BZE5*	E5™ Fixed IP65 Aluminium Downlight Bezel										
EN-BZE8*	E6™ PRO/E8™ Fixed IP65 Aluminium Downlight Bezel										

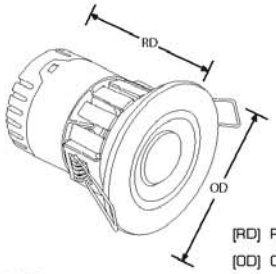
*Add suffix **W**, **MW**, **PC** or **SN** for White, Matt White, Polished Chrome or Satin Nickel finishes.
3 hour **Emergency pack AU-FRLM10EM** available.

Finish Options:



Technical Information

CRI 80 | E8 E5 | CB | L1 | L2



[RD] Recess Depth [see table]
[OD] Overall [Ø] [see table]

Description

The E8™ colour switchable downlight is an addition to Enlite's well established E8™ range. Featuring the sparkling low glare multifaceted EnFiniti™ lens and delivering up to 620lm. Not sure what colour temperature you want at time of purchase? No problem! The E8™ colour switchable is one light offering 3 whites at the flick of a switch located on the back of the fitting. Simply switch from warm white, cool white & daylight before installation.

Features & Benefits

- The colour switchable E8™ means you only need to specify or stock one fitting rather than three. Can be switched from 3000K, 4000K and 6500K (prior to installation)
- Allows you to change the colour of your lighting at a later date to suit the interior design
- EnFiniti™ edge-to-edge multifaceted polycarbonate lens for low glare and halogen like appearance
- Fibre based insulation coverable - up to 300mm
- Super slim interchangeable IP65 bezels provide a high end sleek finish (Bezel sold separately)
- Tested in 30, 60 and 90-minute fire rated ceilings
- **3 year warranty**

8W 580 - 620 Lumens
L70 25,000 Hours

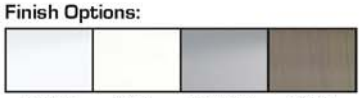
EN-DE8CX
E8™ **Colour Switchable** Fixed 8W Dimmable Fire Rated LED Downlight

30 MIN 60 MIN 90 MIN

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall (Ø)	Cutout (Ø)	Recess	Subst.
E8™ DIMMABLE COLOUR SWITCHABLE										
EN-DE8CX	8W	60°	3000K-6500K	580-620lm	78	25,000	85mm	70mm	90mm	50W
ACCESSORIES										
EN-BZE8*	E6™ PRO/E8™ Fixed IP65 Aluminium Downlight Bezel									

*Add suffix **W**, **MW**, **PC** or **SN** for White, Matt White, Polished Chrome or Satin Nickel finishes.
3 hour **Emergency pack AU-FRLM10EM** available.

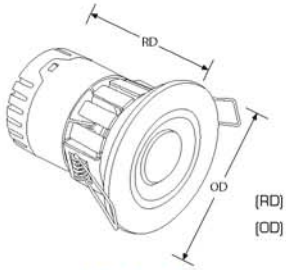
Finish Options:



White | Matt White | Polished Chrome | Satin Nickel

Technical Information

CRI 80 L1 L2



(RD) 90mm Recess Depth
(OD) 85mm Overall (Ø)

EFD™PRO

New Terminal Block for Faster, TOOL-FREE Installation

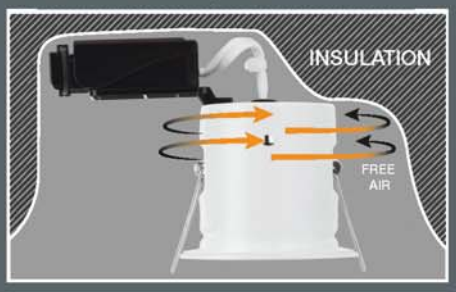
30 MIN 60 MIN 90 MIN

AIR LEAKAGE (EXCLUDING ADJUSTABLE)

DRIVER WITH PUSH FIT LOOP IN/LOOP OUT TERMINALS SUITABLE FOR USE WITH SOLID OR STRANDED CABLE

INSULATION COVERABLE 300mm FIBRE BASED

- No accessory required
- No fire cage or hood required
- No insulation cut-out required



Twist&Lock™

Fixed, Adjustable & IP Rated Bezels

Description

The EFD™ PRO is our new range of stylish and professional fire rated GU10 downlights. Perfect for use with Enlite's market leading range of ICE™ lamps, the EFD™ PRO range is also fitted with our latest push-fit terminal block for even faster installation. The cast aluminium bezels for fixed, adjustable and IP65 rated options are available in four colour finishes to cover all applications.

Features & Benefits

- New and improved push-fit terminal block with loop in/loop out for quick and easy installation
- One piece slim interchangeable twist & lock bezels available in white, matt white, polished chrome and satin nickel (sold separately)
- Fibre based insulation coverable up to 300mm (LED lamps only)
- For a fixed version use **EN-DLM981X & EN-BZ91**
- For Adjustable use **EN-DLM982X & EN-BZ92**
- For IP65 rated use **EN-DLM981X & EN-BZ93**
- Tested in 30, 60 and 90-minute fire rated ceilings
- **5 year warranty**

Lamp options see page 53

ICE LAMP

NEW **EN-DLM981X + EN-BZ91**
EFD™ PRO **Fixed** Professional Fire Rated Downlight

NEW **EN-DLM982X + EN-BZ92**
EFD™ PRO **Adjustable** Professional Fire Rated Downlight

NEW **EN-DLM981X + EN-BZ93**
EFD™ PRO **IP65** Professional Fire Rated Downlight

IP65

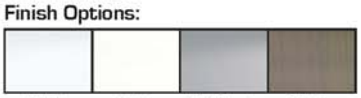
30 MIN 60 MIN 90 MIN

Cat. No.	Max (W)	Input	Overall (Ø)	Cutout (Ø)	Recess	Horz. Adj.
FIXED/IP RATED						
EN-DLM981X	50W	240V	90mm	75mm	107mm	-
ADJUSTABLE						
EN-DLM982X	50W	240V	102mm	85mm	110mm	20°
BEZELS						
EN-BZ91*	EFD™ PRO 90mm Fixed Aluminium Downlight Bezel					
EN-BZ92*	EFD™ PRO 102mm Adjustable Aluminium Downlight Bezel					
EN-BZ93*	EFD™ PRO 90mm IP65 Aluminium Downlight Bezel					

Lamp not included

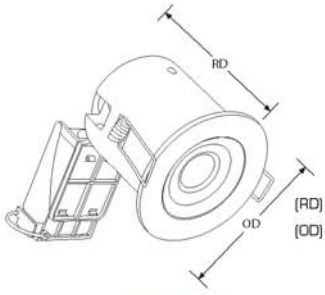
*Add suffix **W**, **MW**, **PC** or **SN** for White, Matt White, Polished Chrome or Satin Nickel finishes.

Finish Options:



White | Matt White | Polished Chrome | Satin Nickel

Technical Information



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

Description

The complete EFD™ GU10 range of compact fire rated downlights are perfect for a wide range of applications and installations. Available in fixed, adjustable, IP65 rated and various colour finishes, the range utilises patented integrated intumescent material completely sealing the downlight and cut-out in the event of a fire.

Features & Benefits

- New and improved loop in/out terminal block for quick and easy installation
- Tested in 30, 60 and 90-minute fire rated ceilings
- **3 year warranty**

Lamp options see page 53

ICE LAMP

EN-FD101
GU10 **Fixed** Lock Ring Aluminium Fire Rated Downlight

EN-FD102
GU10 **Adjustable** Lock Ring Aluminium Fire Rated Downlight

EN-FD103
GU10 **IP65** Aluminium Fire Rated Downlight

IP65

30 MIN 60 MIN 90 MIN AIR LEAKAGE (EXCLUDING ADJUSTABLE)

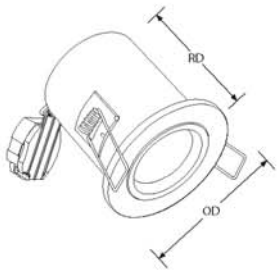
Cat. No.	Max (W)	Input	Overall [Ø]	Cutout [Ø]	Recess	Horz. Adj.
FIXED						
EN-FD101W	50W	240V	87mm	75mm	110mm	-
EN-FD101PC	50W	240V	87mm	75mm	110mm	-
EN-FD101SN	50W	240V	87mm	75mm	110mm	-
ADJUSTABLE						
EN-FD102W	50W	240V	100mm	90mm	115mm	28°
EN-FD102PC	50W	240V	100mm	90mm	115mm	28°
EN-FD102SN	50W	240V	100mm	90mm	115mm	28°
IP RATED						
EN-FD103W	50W	240V	86mm	75mm	130mm	-
EN-FD103PC	50W	240V	86mm	75mm	130mm	-
EN-FD103SN	50W	240V	86mm	75mm	130mm	-

Lamp not included

Finish Options:

White | Polished Chrome | Satin Nickel

Technical Information



(OD) Overall Ø (See table)
(RD) Recess Depth (See table)

Description

Completing the EFD™ range this adjustable, fire rated, baffled GU10 downlight has been designed to reduce direct glare from the light source. Available in matt white and white finish with black baffle.

Lamp options
see page 53

ICE LAMP

Horizontal adjustment 20°

Features & Benefits

- Black baffle fire rated downlight with recessed lamp reduces direct glare
- Adjustable up to 20°
- Lock ring for ease of lamp replacement
- Fibre based insulation coverable when used with insulation cap (included)
- Tested in 30, 60 and 90-minute fire rated ceilings
- **3 year warranty**

Insulation coverable

EN-DLM482
GU10 **Adjustable Baffled**
Fire Rated Downlight

30 MIN 60 MIN 90 MIN

Cat. No.	Max (W)	Input	Overall [Ø]	Cutout [Ø]	Recess	Recess with IC Cover	Horz. Adj.
ADJUSTABLE							
EN-DLM482WB	50W	240V	95mm	80mm	115mm	150mm	20°
EN-DLM482MWB	50W	240V	95mm	80mm	115mm	150mm	20°

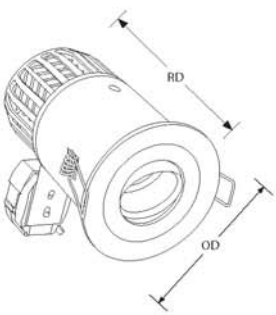
Lamp not included

WB - White with Black Baffle
MWB - Matt White with Black Baffle

Finish Options:

White Matt White

Technical Information



(OD) 95mm Overall Ø
(RD) 115mm Recess Depth

Description

The range of triac dimmable Lumi-Fit™ commercial downlights deliver up to an impressive 106lm/W. Supplied with remote driver and fitted with an acrylic diffuser to reduce glare and for even light distribution. With multiple wattages and sizes on offer this range meets the needs for countless new commercial applications or an upgrade for compact fluorescent fittings in existing applications.

Features & Benefits

- Low cost energy saving alternative to compact fluorescent fittings
- Life not affected by frequent switching e.g. when used with occupancy controls
- Triac dimmable as standard
- Plug and play remote driver for easy installation
- DALI version available to order
- IP54 rated
- 1.5kV surge protection
- **3 year warranty**

Up to 106 lm/W

13 - 45W

up to 4500 Lumens

L70 40,000 Hours

DALI compatible

EM

EN-DDLH413
13W High Performance **IP54**
Dimmable LED Downlight

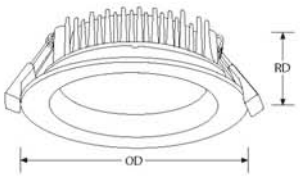
EN-DDLH618
18W High Performance **IP54**
Dimmable LED Downlight

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall (Ø)	Cutout (Ø)	Recess	CFL Subst.
EN-DDLH413*/40	13W	100°	4000K	1260lm	97	40,000	145mm	120mm	70mm	1 x 26W
EN-DDLH618*/40	18W	100°	4000K	1800lm	100	40,000	190mm	160mm	70mm	2 x 18W
EN-DDLH818*/40	18W	100°	4000K	1900lm	106	40,000	228mm	200mm	70mm	2 x 18W
EN-DDLH825*/40	25W	100°	4000K	2600lm	104	40,000	228mm	200mm	70mm	2 x 26W
EN-DDLH840*/40	40W	100°	4000K	4150lm	104	40,000	228mm	200mm	70mm	2 x 32W
EN-DDLH1045*/40	45W	100°	4000K	4500lm	100	40,000	280mm	230mm	77mm	2 x 32W
EMERGENCY PACK										
EN-DLEM2	3 Hour Non-Maintained Emergency Pack									

Matt white finish only
*Add suffix **DA** for **DALI** (note DALI Emergency - the **EM** side will not report back)

Technical Information

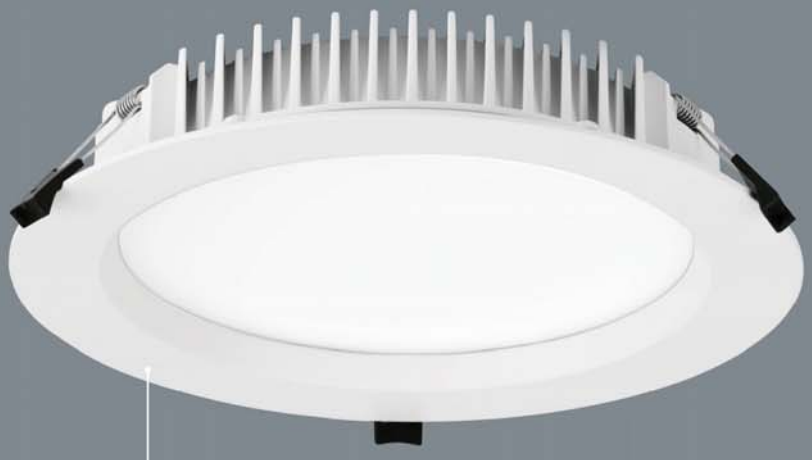
CRI 80 · IP54 · L1 · L2



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

EN-DDLH825
25W High Performance **IP54**
Dimmable LED Downlight

EN-DDLH840
40W High Performance **IP54**
Dimmable LED Downlight



EN-DDLH1045
45W High Performance **IP54**
Dimmable LED Downlight

Frosted diffuser for uniform lighting and low glare

Plug & Play driver included for easy installation

Description

Performance and Value - that's what the Uni-Fit™ range of commercial downlights stands for. Featuring ThermoTec™ technology, integrated driver and high quality LED chips to deliver an outstanding lumen performance. The triac dimmable Uni-Fit™ range is the ideal cost effective solution for new or existing installations where traditional compact fluorescent downlights need upgrading to more efficient LED technology.

ThermoTec™

10 - 30W

up to 2800 Lumens

L70 25,000 Hours

EM

Features & Benefits

- Multiple sizes and wattages available to suit all new and retrofit installation lighting requirements
- ThermoTec™ technology utilises a combination of highly efficient LED light source, aluminium heat sinking and thermoplastic material for longer life and consistent performance
- Compact integrated driver for easy installation and shallow ceiling voids
- Life not affected by frequent switching e.g. when used with occupancy controls
- IP44 rated
- Pre-wired with 500mm 2 core cable
- 1.5kV surge protection
- **3 year warranty**

EN-DDL10
10W Integrated **IP44**
Dimmable LED Downlight

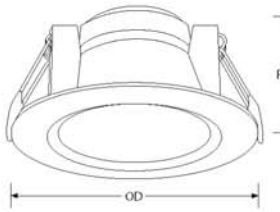
EN-DDL15
15W Integrated **IP44**
Dimmable LED Downlight

Cat. No.	Watts	Beam	Colour	Lumens	L70 Life (hrs)	Overall [Ø]	Cut out [Ø]	Recess	CFL Subst.
NON-DIMMABLE									
EN-DL10*/30	10W	100°	3000K	850lm	25,000	120mm	90mm	70mm	1 x 18W
EN-DL10*/40	10W	100°	4000K	900lm	25,000	120mm	90mm	70mm	1 x 18W
EN-DL15*/30	15W	100°	3000K	1250lm	25,000	150mm	120mm	70mm	1 x 26W
EN-DL15*/40	15W	100°	4000K	1350lm	25,000	150mm	120mm	70mm	1 x 26W
EN-DL23*/30	23W	100°	3000K	2000lm	25,000	200mm	170mm	70mm	2 x 18W
EN-DL23*/40	23W	100°	4000K	2100lm	25,000	200mm	170mm	70mm	2 x 18W
EN-DL30*/30	30W	100°	3000K	2600lm	25,000	230mm	200mm	70mm	2 x 26W
EN-DL30*/40	30W	100°	4000K	2800lm	25,000	230mm	200mm	70mm	2 x 26W
TRIAC DIMMABLE									
EN-DDL10*/40	10W	100°	4000K	820lm	25,000	120mm	90mm	70mm	1 x 18W
EN-DDL15*/40	15W	100°	4000K	1200lm	25,000	150mm	120mm	70mm	1 x 26W
EN-DDL20*/40	20W	100°	4000K	1800lm	25,000	200mm	170mm	70mm	2 x 18W
EN-DDL25*/40	25W	100°	4000K	2000lm	25,000	230mm	200mm	70mm	2 x 18W

White finish only
*Add suffix **EM** for **Emergency** option

Technical Information

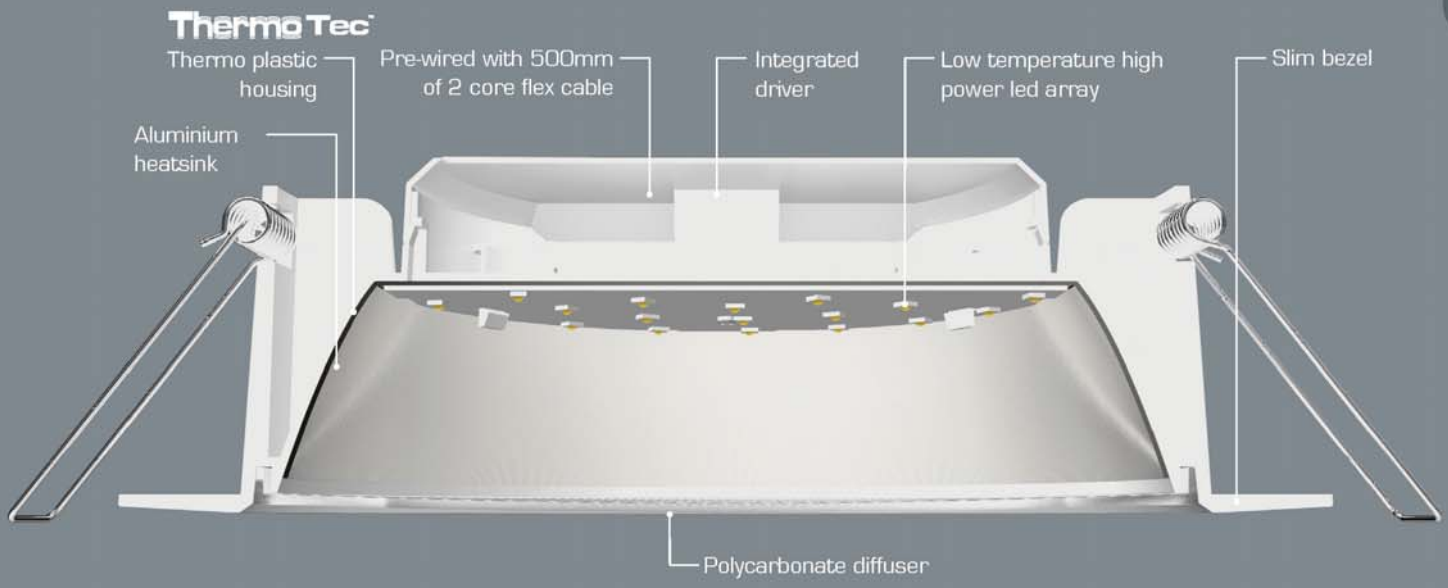
CRI 80 | IP44 | L1 | L2



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

EN-DDL20
20W Integrated **IP44**
Dimmable LED Downlight

EN-DDL25
25W Integrated **IP44**
Dimmable LED Downlight



Description

The Enlite range of Slim-Fit™ low profile downlights are engineered to deliver superior light output and uniformity utilising the latest edge-lit LED technology. At only 25mm deep including bracket, they are an ideal solution where ceiling voids are limited but high lumen output is required.

6 - 24W

up to 1750 Lumens

L70 25,000 Hours

EM

FOR DIMMING COMPATIBILITY SEE PAGE 155

Features & Benefits

- Low cost energy saving alternative to compact fluorescent fittings
- Edge-lit low profile ideal for installations with limited recess space (25mm) and shallow ceiling voids
- Plug and play remote driver for easy installation (40mm space required)
- Separate triac dimmable driver available
- Life not affected by frequent switching e.g. when used with occupancy controls
- IP44 rated
- 1.5kV surge protected
- **3 year warranty**

EN-PL06B
6W **IP44** Round Low Profile
LED Downlight

EN-PL09B
9W **IP44** Round Low Profile
LED Downlight

EN-PL12B
12W **IP44** Round Low Profile
LED Downlight

Cat. No.	Watts	Beam	Colour	Lumens	L70 Life (hrs)	Overall (Ø)	Cutout (Ø)	Recess	CFL Subst.	Triac Dimmable Drivers
EN-PL06B/30	6W	110°	3000K	300lm	25,000	120mm	107mm	40mm	1 x 13W	
EN-PL06B/40	6W	110°	4000K	330lm	25,000	120mm	107mm	40mm	1 x 13W	EN-PLDD06
EN-PL06B/65	6W	110°	6500K	350lm	25,000	120mm	107mm	40mm	1 x 13W	
EN-PL09B/30	9W	110°	3000K	450lm	25,000	145mm	133mm	40mm	1 x 13W	
EN-PL09B/40	9W	110°	4000K	500lm	25,000	145mm	133mm	40mm	1 x 13W	EN-PLDD09
EN-PL09B/65	9W	110°	6500K	550lm	25,000	145mm	133mm	40mm	1 x 13W	
EN-PL12B/30	12W	110°	3000K	660lm	25,000	174mm	157mm	40mm	1 x 18W	
EN-PL12B/40	12W	110°	4000K	780lm	25,000	174mm	157mm	40mm	1 x 18W	EN-PLDD12
EN-PL12B/65	12W	110°	6500K	850lm	25,000	174mm	157mm	40mm	1 x 18W	
EN-PL18B/30	18W	110°	3000K	1100lm	25,000	225mm	206mm	40mm	1 x 26W	
EN-PL18B/40	18W	110°	4000K	1200lm	25,000	225mm	206mm	40mm	1 x 26W	EN-PLDD18
EN-PL18B/65	18W	110°	6500K	1300lm	25,000	225mm	206mm	40mm	1 x 26W	
EN-PL24B/30	24W	110°	3000K	1450lm	25,000	300mm	280mm	40mm	2 x 18W	
EN-PL24B/40	24W	110°	4000K	1600lm	25,000	300mm	280mm	40mm	2 x 18W	EN-PLDD24
EN-PL24B/65	24W	110°	6500K	1750lm	25,000	300mm	280mm	40mm	2 x 18W	

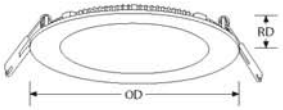
EMERGENCY PACK

EN-PLEM	3 Hour Emergency Pack for Slim-Fit™ Downlights 6W - 12W
EN-DLEM2	3 Hour Emergency Pack for Slim-Fit™ Downlights 18W - 24W

Matt white finish only
40mm recess dimensions include required space for the driver

Technical Information

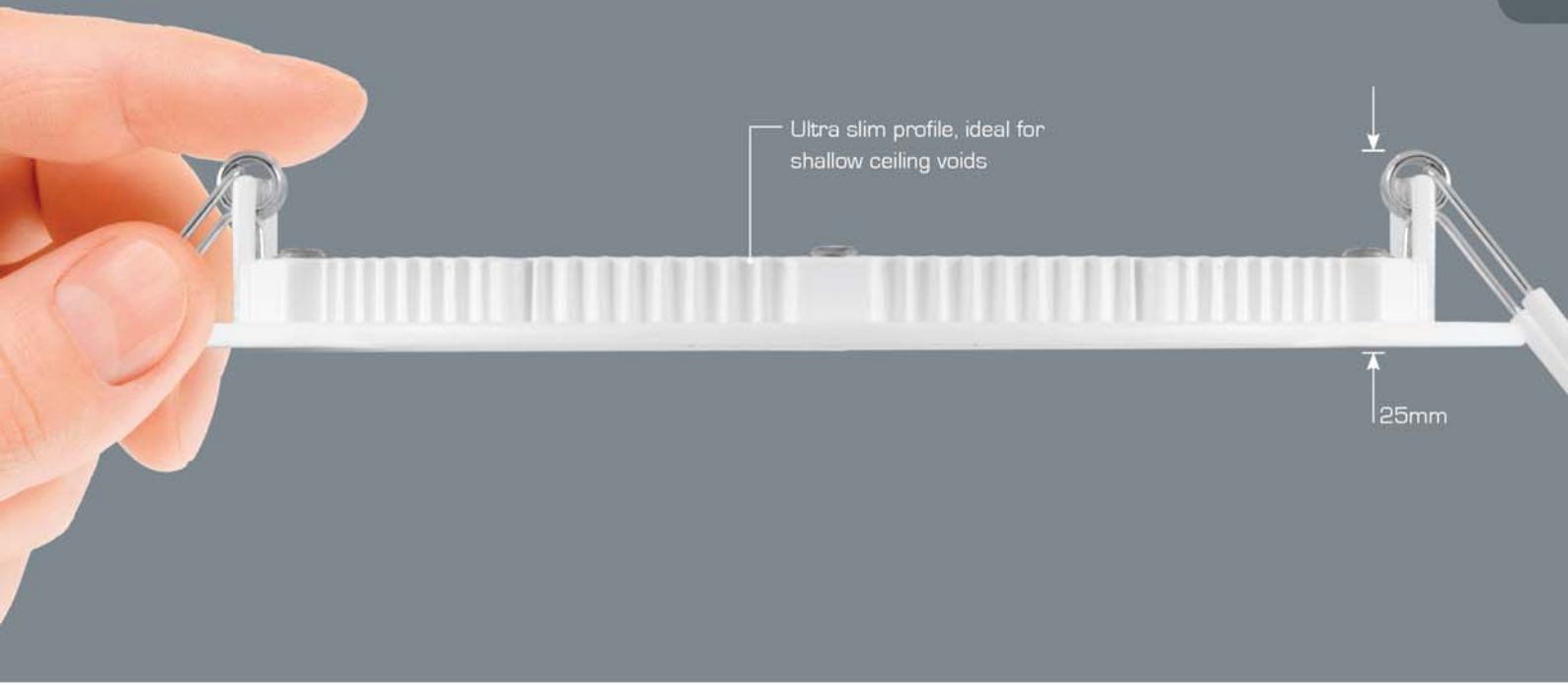
CRI 80 IP44 L1 L2



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

EN-PL18B
18W **IP44** Round Low Profile
LED Downlight

EN-PL24B
24W **IP44** Round Low Profile
LED Downlight



Description

Introducing the stylish CurveE™ LED downlight range, this low glare downlight has a sleek baffled design with the light source recessed back to reduce glare. Available in matt white these triac dimmable downlights are an ideal non-fire rated solution for hospitality and residential applications in areas where fire rating is not required.

Features & Benefits

- Baffled design for low glare - LED recessed by 10mm or 20mm
- Plug and play remote driver for easy installation
- IP44 rated - ideal for hospitality and residential applications such as corridors, living areas, bedrooms, dining rooms and zone 2 of bathrooms
- UGR19 (Unified Glare Rating)
- 2.0kV surge protection
- **3 year warranty**

7 - 10W
up to 970 Lumens
L70 25,000 Hours

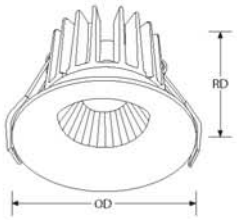
EN-DLB071D
7W Baffled Dimmable **IP44**
LED Downlight

EN-DLB101D
10W Baffled Dimmable **IP44**
LED Downlight

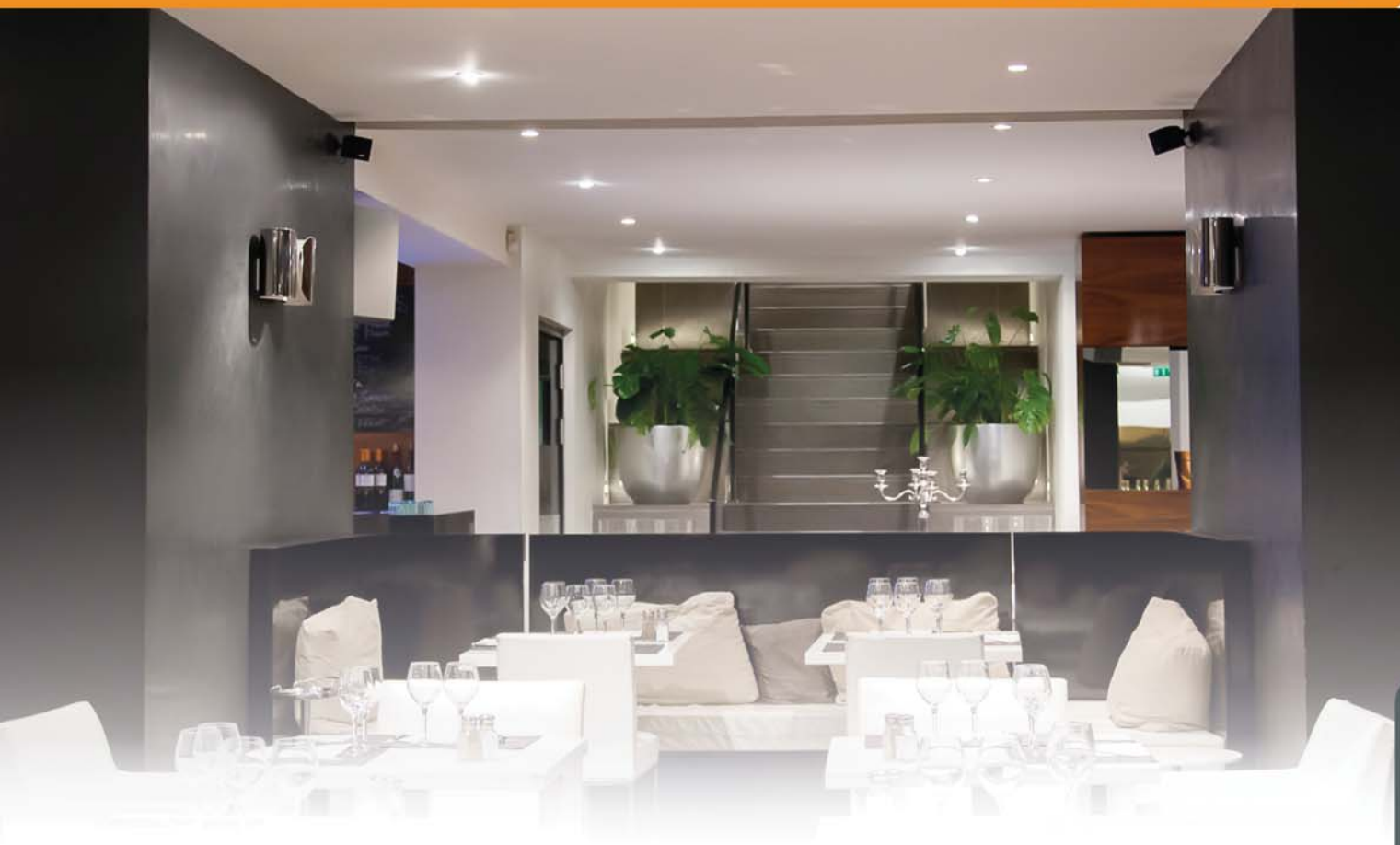
Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall [Ø]	Cutout [Ø]	Recess	Baffle Recess
TRIAC DIMMABLE										
EN-DLB071D/30	7W	60°	3000K	640lm	91	25,000	80mm	70mm	75mm	10mm
EN-DLB071D/40	7W	60°	4000K	680lm	97	25,000	80mm	70mm	75mm	10mm
EN-DLB072D/30	7W	60°	3000K	575lm	82	25,000	85mm	70mm	87mm	20mm
EN-DLB072D/40	7W	60°	4000K	615lm	88	25,000	85mm	70mm	87mm	20mm
EN-DLB101D/30	10W	60°	3000K	920lm	92	25,000	80mm	70mm	75mm	10mm
EN-DLB101D/40	10W	60°	4000K	970lm	97	25,000	80mm	70mm	75mm	10mm
EN-DLB102D/30	10W	60°	3000K	820lm	82	25,000	85mm	70mm	87mm	20mm
EN-DLB102D/40	10W	60°	4000K	880lm	88	25,000	85mm	70mm	87mm	20mm

Matt white finish only

Technical Information



(RD) Recess Depth (see table)
(OD) Overall [Ø] (see table)



EN-DLB071D side profile
10mm baffle
75mm

EN-DLB101D side profile
20mm baffle
87mm

Description

Spryte™ LED downlight range is the ideal energy efficient non-fire rated solution for new build or retrofit halogen installations. Fitted with the edge-to-edge, multifaceted, 60° wide beam EnFiniti™ lens, these downlights allow for high light output and low glare while still providing a sparkling halogen like optical appearance in a compact sized fitting. Also available in 8W gimbal adjustable version alongside the fixed for maximum application flexibility.

Features & Benefits

- Energy efficient LED downlight for new build or halogen and reflector lamp retrofit applications
- EnFiniti™ edge-to-edge multifaceted polycarbonate lens creates low glare and halogen like appearance
- Compact integrated driver for easy installation and low ceiling voids
- 8W supplied with fixed white bezel. 10W supplied with interchangeable round & square white bezels
- Available as non-dimmable and triac dimmable
- Pre-wired with 500mm 2 core cable
- Fixed & adjustable versions IP44 rated
- 1.5kV surge protection
- **3 year warranty**

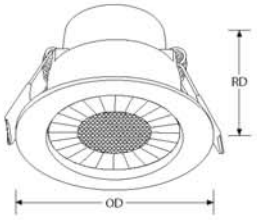
8 - 10W up to 1050 Lumens L70 25,000 Hours

EN-DDL1019
10W Fixed Integrated **IP44**
Dimmable LED Downlight

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall (Ø)	Cutout (Ø)	Recess	Subst.
NON-DIMMABLE FIXED										
EN-DL10160/30	8W	60°	3000K	620lm	78	25,000	78mm	60mm	60mm	50W
EN-DL10160/40	8W	60°	4000K	680lm	85	25,000	78mm	60mm	60mm	50W
TRIAC DIMMABLE FIXED										
EN-DDL10160/30	8W	60°	3000K	620lm	78	25,000	78mm	60mm	60mm	50W
EN-DDL10160/40	8W	60°	4000K	680lm	85	25,000	78mm	60mm	60mm	50W
TRIAC DIMMABLE ADJUSTABLE										
EN-DDL10260/30	8W	60°	3000K	620lm	78	25,000	90mm	70mm	60mm	50W
EN-DDL10260/40	8W	60°	4000K	680lm	85	25,000	90mm	70mm	60mm	50W
TRIAC DIMMABLE HIGH OUTPUT FIXED										
EN-DDL1019/30	10W	60°	3000K	1000lm	100	25,000	105mm	90mm	65mm	100W
EN-DDL1019/40	10W	60°	4000K	1050lm	105	25,000	105mm	90mm	65mm	100W

Matt white finish only

Technical Information



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

EN-DDL10160
8W Fixed Integrated **IP44**
Dimmable LED Downlight

EN-DDL10260
8W Adjustable Integrated **IP44**
Dimmable LED Downlight

20^0 gimbal adjustment

Pre-wired with
500mm 2 Core flex Cable

60mm Cutout [Ø]
Halogen Retrofit

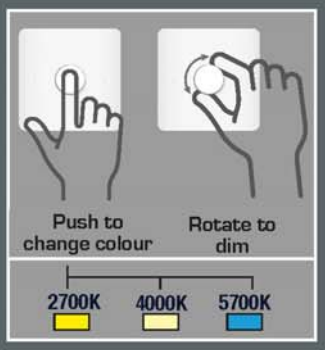
70mm Cutout [Ø]
Halogen Retrofit

90mm Cutout [Ø]

IP54 Colour Switching Dimmable Downlight

PolaCX™

One light, Three whites, Your choice!

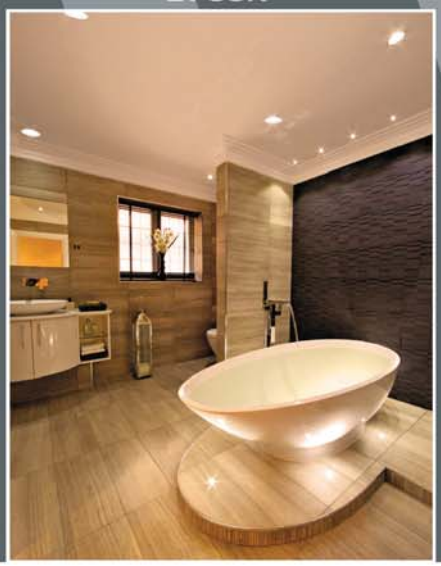


Luminaire dimming & colour temp switching on a standard dimmer

1. First switch on to colour 2700K
2. Switch off/on to change to 4000K
3. Quickly switch off/on to 5700K
4. Once switched on for 10 seconds, switch off/on will return to last selected colour
5. Rotate dimmer switch to dim

For dimming compatibility visit www.enlitelighting.com

WARM RELAXED LIGHTING
2700K



ATTENTIVE TASK LIGHTING
4000K

AMBIENT TASK LIGHTING
5700K

PolaCX™

Colour switching dimmable LED downlight

Description

Perfect for new build, retrofit and commercial installations, the PolaCX™ colour switching and triac dimmable downlight is an ideal luminaire for creating the perfect scene. The colour temperature can be adjusted between 2700K, 4000K and 5700K to select the desired task and mood lighting requirements.

Features & Benefits

- Colour changing LED downlight for maximum flexibility
- Ideal for office, educational and communal lighting applications where light colour and output can be adjusted to suit task and mood
- IP54 rating - suitable for bathroom installation (Zones 2 & 3)
- Works with existing rotary dimming switch
- 1.5kV surge protection
- **3 year warranty**

10W 820 Lumens
L70 40,000 Hours

EN-DDLCX10
10W Colour Switching **IP54** Dimmable Downlight with Remote Driver

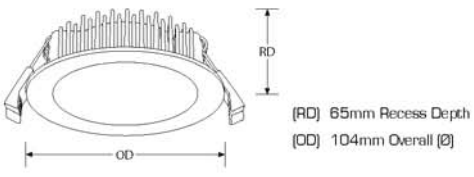
Biodynamic light & circadian rhythm

150 years ago most of our time was spent outside under the blue sky. Today most of us spend 90 percent of our time indoors. Throughout the day, daylight changes constantly in quantity, directional characteristics, colour temperature and colour rendering. Daylight has the ability to invigorate and promote a sense of well-being within people. The therapeutic quality of natural lighting has never been in doubt however we have not really understood how or why, until recently. Probably the most important finding is that light controls our biological or body clock through regular light-dark rhythms, known as the circadian rhythm.

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall (Ø)	Cutout (Ø)	Recess
TRIAC DIMMABLE									
EN-DDLCX10	10W	90°	2700K-5700K	820lm	82	40,000	104mm	90mm	65mm

White finish only

Technical Information



(RD) 65mm Recess Depth
(OD) 104mm Overall (Ø)

Description

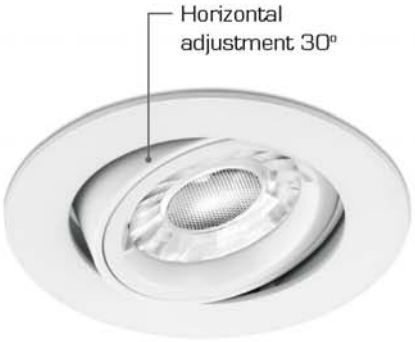
The EDLM™ PRO range features fixed, adjustable and wallwasher aluminium downlights available in white, polished chrome and satin nickel finishes. Utilising a discreet lock ring to hold the lamp in place, the EDLM™ PRO range is ideal for use with Enlite ICE™ Lamps.

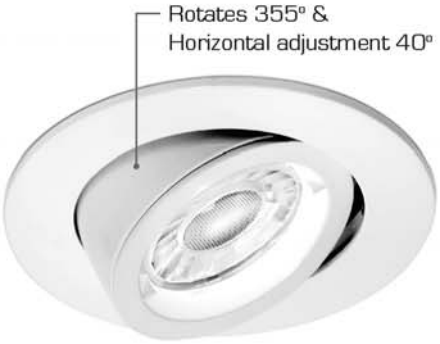
Features & Benefits

- High quality aluminium downlights
- Extended spring fixing posts allow installation in double thickness plasterboard
- Adjustable EN-DLM357 horizontal adjustment 30°
- Wallwasher EN-DLM355 rotates 355° with a horizontal adjustment 40°
- Supplied with GU10 lampholder - lamp not included (Max 50W)
- **5 Year warranty**

Lamp options see page 53

ICE LAMP





EN-DLM356
GU10 **Fixed** Lock Ring Aluminium Downlight

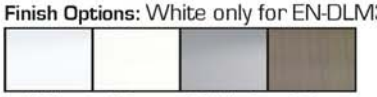
EN-DLM357
GU10 **Adjustable** Lock Ring Aluminium Downlight

EN-DLM355
GU10 **Adjustable Wallwasher** Lock Ring Aluminium Downlight

Cat. No.	Max (W)	Input	Overall (Ø)	Cutout (Ø)	Recess	Horz. Adj.
FIXED						
EN-DLM356W	50W	240V	80mm	70mm	110mm	-
EN-DLM356MW	50W	240V	80mm	70mm	110mm	-
EN-DLM356PC	50W	240V	80mm	70mm	110mm	-
EN-DLM356SN	50W	240V	80mm	70mm	110mm	-
ADJUSTABLE						
EN-DLM357W	50W	240V	95mm	80mm	110mm	30°
EN-DLM357MW	50W	240V	95mm	80mm	110mm	30°
EN-DLM357PC	50W	240V	95mm	80mm	110mm	30°
EN-DLM357SN	50W	240V	95mm	80mm	110mm	30°
WALLWASHER						
EN-DLM355W	50W	240V	105mm	88mm	115mm	40°

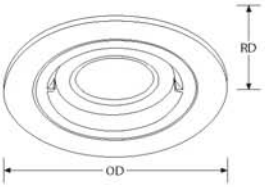
Lamp not included

Finish Options: White only for EN-DLM355



White | Matt White | Polished Chrome | Satin Nickel

Technical Information



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

Description

These IP rated additions to the EDLM™ PRO range offer high quality GU10 lamp downlighting, ideal for use in bathrooms and other wet areas where non fire rating is required.

Features & Benefits

- IP65 and IP44 rated GU10 downlights designed for use in zones 1,2 & 3
- Supplied with GU10 lampholder - lamp not included (Max 50W)
- **5 year warranty**

Lamp options see page 53

ICE LAMP

EN-DLM411 IP65
GU10 Aluminium
IP65 Downlight

EN-DLM412 IP44
GU10 Aluminium
IP44 Downlight

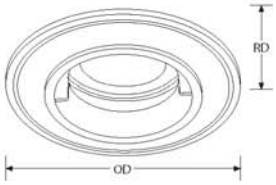
Cat. No.	Max (W)	Input	Overall (Ø)	Cutout (Ø)	Recess	IP Rating
IP65						
EN-DLM411W	50W	240V	85mm	72mm	125mm	IP65
EN-DLM411PC	50W	240V	85mm	72mm	125mm	IP65
EN-DLM411SN	50W	240V	85mm	72mm	125mm	IP65
IP44						
EN-DLM412W	50W	240V	90mm	78mm	100mm	IP44
EN-DLM412PC	50W	240V	90mm	78mm	100mm	IP44
EN-DLM412SN	50W	240V	90mm	78mm	100mm	IP44

Lamp not included

Finish Options:

White | Polished Chrome | Satin Nickel

Technical Information



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

Description

A new addition to the Enlite range are the adjustable GU10 downlight multiples. These are adjustable on two axes for specific light control. Ideal for use with Enlite ICE™ Lamps. Available in single or twin versions with matt white or satin silver finish.

Features & Benefits

- GU10 ceiling mounted adjustable multiple downlights
- Horizontal adjustment of 45°
- Supplied with GU10 lampholder - lamp not included (Max 50W)
- **5 year warranty**

Lamp options see page 53

ICE LAMP

EN-MGU101
GU10 Adjustable
Single Multiple

EN-MGU102
GU10 Adjustable
Twin Multiple

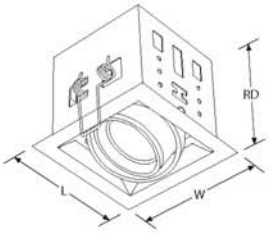
Cat. No.	Max (W)	Input	L x W (mm)	Cutout (Ø)	Recess	Horz. Adj.
SINGLE						
EN-MGU101MW	50W	240V	107 x 107mm	95 x 95	110mm	45°
EN-MGU101SS	50W	240V	107 x 107mm	95 x 95	110mm	45°
TWIN						
EN-MGU102MW	50W	240V	202 x 107mm	190 x 95	110mm	45°
EN-MGU102SS	50W	240V	202 x 107mm	190 x 95	110mm	45°

Lamp not included

Finish Options:

Matt White | Satin Silver

Technical Information



(L) Length (see table)
(W) Width (see table)
(RD) Recess Depth (see table)

Description

Simple and effective, the EDLM™ range of fixed, adjustable and IP65 rated downlights are ideal for areas where fire rating is not required. Available in a range of colour finishes to suit installation decor including white, polished chrome and satin nickel.

Lamp options see page 53

ICE LAMP

Features & Benefits

- Extended spring fixing posts allow installation in double thickness plasterboard
- Clip ring lamp retainer for fixed and adjustable
- Supplied with GU10 lampholder - lamp not included (Max 50W)
- Adjustable EN-DLM212 horizontal adjustment 28°
- IP65 rated EN-DLM213 specifically designed for use in bathrooms, shower cubicles - zones 1, 2 & 3 where water jets are likely
- EN-DLM213 air leakage rated
- **3 year warranty**

EN-DLM211
GU10 **Fixed** Pressed Steel Downlight

EN-DLM212
GU10 **Adjustable** Pressed Steel Downlight

EN-DLM213 IP65
GU10 **IP65** Cast Aluminium Downlight

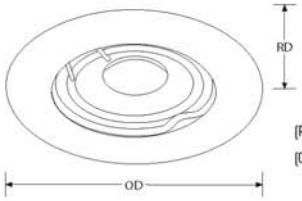
Cat. No.	Max (W)	Input	Overall (Ø)	Cutout (Ø)	Recess	Horz. Adj.
FIXED						
EN-DLM211W	50W	240V	80mm	65mm	105mm	-
EN-DLM211PC	50W	240V	80mm	65mm	105mm	-
EN-DLM211SN	50W	240V	80mm	65mm	105mm	-
ADJUSTABLE						
EN-DLM212W	50W	240V	94mm	75mm	105mm	28°
EN-DLM212PC	50W	240V	94mm	75mm	105mm	28°
EN-DLM212SN	50W	240V	94mm	75mm	105mm	28°
IP RATED						
EN-DLM213W	50W	240V	85mm	72mm	130mm	-
EN-DLM213PC	50W	240V	85mm	72mm	130mm	-
EN-DLM213SN	50W	240V	85mm	72mm	130mm	-

Lamp not included

Finish Options:

White | Polished Chrome | Satin Nickel

Technical Information



(RD) Recess Depth (see table)
(OD) Overall (Ø) (see table)

Description

Adjustable recessed wallwasher designed to highlight displays and wall features. Perfect for applications that require high quality light output. Adjustable rotate and tilt angles to adapt to changing environments. Producing 3000 lumens from 30W LED, it is the perfect replacement for 35W metal halide.

Features & Benefits

- High power COB LED wallwasher, designed for retail and commercial applications
- Rotates 350° with a horizontal adjustment 35° available with 24° and 45° beam angles
- No UV from the LED light source prevents stock fade and discolouration
- Supplied with remote LED driver
- 1.5kV surge protection
- **3 year warranty**

30W 3000 Lumens
L70 40,000 Hours

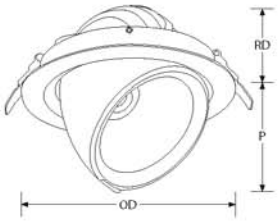
NEW **EN-RSP324/40**
30W **Adjustable** Non-Dimmable
LED Wallwasher

Cat. No.	Watts	Beam	Colour	Lumens	L70 Life (hrs)	Horz. Adj.	Cutout	Overall (Ø)	Projection	Recess
EN-RSP324/40	30W	24°	4000K	3000lm	40,000	35°	170mm	180mm	95mm	153mm
EN-RSP345/40	30W	45°	4000K	3000lm	40,000	35°	170mm	180mm	95mm	153mm

White finish only

Technical Information

CRI 80 L2



(OD) 180mm Overall
(P) 95mm Projection
(RD) 153mm Recess

Description

The high output IP65 rated LED Prysim™ wallwasher is well suited for a wide range of indoor and outdoor applications such as retail, display and canopy lighting. The 45W non-dimmable Prysim™ is adjustable to easily focus the light. Available in 4000K delivering 4100lm, this is all you need to light up your space.

Features & Benefits

- High output, energy efficient LED wallwasher for indoor and outdoor applications
- Adjustable design for easy focusing of the light
- Supplied with remote LED driver
- Fitting IP65 rated - driver requires IP65 rated enclosure (not included)
- 1.5kV surge protection
- **3 year warranty**

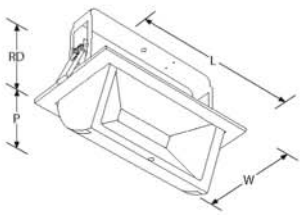
45W 4100 Lumens
L70 40,000 Hours

EN-WW45/40
45W Adjustable **IP65** Non-Dimmable
Rectangular LED Wallwasher

Cat. No.	Watts	Beam	Colour	Lumens	L70 Life (hrs)	Horz. Adj.	Cutout	L x W (mm)	Projection	Recess
EN-WW45/40	45W	105°	4000K	4100lm	40,000	75°	220 x 130mm	235 x 145mm	117mm	130mm

White finish only

Technical Information



(L) 235mm Length
(W) 145mm Width
(P) 117mm Projection
(RD) 130mm Recess Depth

Description

Adjustable single circuit track spotlight with slimline track adaptor for your choice GU10 lamps. Track lighting offers maximum flexibility for retail and commercial applications where light sources must be adaptable for changes in displays. Ready made track kit available for simple installation. Available in black and white.

Features & Benefits

- Track spotlight with slimline single circuit track adaptor
- EN-TK1 with spring loaded GU10 lamp holder allows for use with standard ICE lamps or the 950lm long form ICE lamp PRO
- EN-TK2 allows for use with the standard GU10 ICE lamp
- Adjustable Rotation & Tilt 350°
- For use with GU10 lamps - lamp not included (Max 35W lamp)
- Compatible with industry standard Global track
- **3 year warranty**

Suitable for use with **long and short** form ICE™ lamps

Lamp options see page 54

ICE™ LAMP PRO up to 950lm

NEW **EN-TK1**
GU10 **Adjustable** Single Circuit Spotlight

Suitable for use with **short** form ICE™ lamps

Lamp options see page 53

ICE™ LAMP

NEW **EN-TK2**
GU10 **Adjustable** Single Circuit Spotlight

Cat. No.	Max (W)	Overall (Ø)	Length (mm)
LONG FORM			
EN-TK1 *	35W	60mm	130mm
SHORT FORM			
EN-TK2 *	35W	53mm	100mm
ACCESSORIES			
#GB2100-†	Global 1m Single Circuit Track		
#GB21-†	Global Straight Connector Single Circuit Track		
#GB11-†	Global Live End Connector Single Circuit Track		
#GB41-†	Global Dead End Connector Single Circuit Track		

Lamp not included

*Add suffix **W** or **BLK** for White or Black option

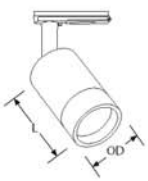
†Add suffix **2** for Black or **3** for White option

Finish Options:

White Black

Technical Information

1m Track | Track connector | Live end | Dead end



(L) Length (see table)
(OD) Overall (Ø) (see table)

Description

Ready-made 3 spot track kit designed for quick configuration and easy installation. Accessories available to extend track length and increase the number of spotlights. Simply specify your ICE™ lamps dependent on your application. Available in black and white.

Long Form

Kit Includes
- 3 x EN-TK1
- 1 x 1m Track
- 1 x Live end
- 1 x Dead end

Short Form

Kit Includes
- 3 x EN-TK2
- 1 x 1m Track
- 1 x Live end
- 1 x Dead end

NEW **EN-TKGK1**
GU10 **Adjustable** Single Circuit Spotlight Kit

Cat. No.	Max (W)	Overall (Ø)	Length (mm)
LONG FORM			
EN-TKGK1 *	35W	60mm	130mm
SHORT FORM			
EN-TKGK2 *	35W	53mm	100mm

Lamp not included
*Add suffix **W** or **BLK** for White or Black option

Finish Options:

White Black

Lamp options see page 54

ICE™ LAMP PRO up to 950lm

Lamp options see page 53

ICE™ LAMP

Technical Information

KIT INCLUDES

3 Track heads | 1m Track | Live end | Dead end

(L) Length (see table)
(OD) Overall (Ø) (see table)

ICE™ LAMP

The new standard in high performance GU10 LED lamps

"What really sets it apart from other lamps we tested is the efficacy"

LUX RECOMMENDS ★★★★

Alan Tulla
Technical Editor
Lux Magazine

EnFiniti™

COMBINED ThermoTec™ & EnFiniti™ TECHNOLOGY

EDGE-TO-EDGE

EnFiniti™ lens fills 100% of the aperture for maximum light output and sparkling clean, aesthetic appearance

EDGE-TO-EDGE ICE™ LAMP

STANDARD LED LAMP WITH VISIBLE BEZEL

Description

Due to popular demand, the market leading ICE™ lamp range has grown. Achieve significant energy savings and light output with ICE™ lamp 4W alongside the already established industry leading 5W 108lm/W GU10 lamps. Featuring ThermoTec™ heat management technology and EnFiniti™ lenses which are also available in 38° beam angle. The ICE™ range has proved to be exceptionally reliable delivering up to 540 lumens in both dimmable and non-dimmable, allowing for direct halogen lamp replacement at a fraction of the energy consumption.

Features & Benefits

- Excellent efficacy - Up to 108lm/W delivers more light using less energy
- ThermoTec™ technology utilises a combination of highly efficient LED light source, aluminium heat sinking and thermoplastic material for longer life and consistent performance
- EnFiniti™ edge-to-edge multifaceted polycarbonate lens creates low glare and halogen like appearance
- Wide 60° beam angle delivers increased light distribution
- 38° beam angle also available for 5W version
- 3W version also available in green and blue
- 1.5kV surge protection
- **3 year warranty**

Industry Leading Efficacy
up to 108lm/W
L70 25,000 Hours

FOR DIMMING COMPATIBILITY SEE PAGE 155

Colour options

EN-GU003
GU10 3W Non-Dimmable
LED Lamp

EN-DGU004
GU10 4W **Dimmable**
LED Lamp

EN-DGU005
GU10 5W **Dimmable**
LED Lamp

4W up to 420 Lumens

Dimensions: Overall [Ø] 50mm - Height 57mm

Cat. No.	Beam	Colour	Lumens	lm/W	Subst.
4W DIMMABLE GU10					
EN-DGU004/30	60°	3000K	400lm	100	35W
EN-DGU004/40	60°	4000K	420lm	105	35W
4W NON-DIMMABLE GU10					
EN-GU004/30	60°	3000K	400lm	100	35W
EN-GU004/40	60°	4000K	420lm	105	35W

3W up to 68 Lumens

Dimensions: Overall [Ø] 50mm - Height 57mm

Cat. No.	Beam	Colour	Lumens	lm/W	Subst.
3W NON-DIMMABLE GU10					
EN-GU003/BLU	60°	Blue	68lm	23	-
EN-GU003/GRN	60°	Green	22lm	7	-

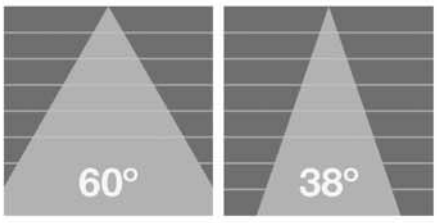
Lamp life reduced if installed in unventilated fitting and will void warranty

5W up to 540 Lumens

Dimensions: Overall [Ø] 50mm - Height 57mm

Cat. No.	Beam	Colour	Lumens	lm/W	Subst.
5W DIMMABLE GU10					
EN-DGU005/27	60°	2700K	480lm	96	50W
EN-DGU005*/30	60°	3000K	500lm	100	50W
EN-DGU005*/40	60°	4000K	520lm	104	50W
EN-DGU005/64	60°	6400K	540lm	108	50W
5W NON-DIMMABLE GU10					
EN-GU005/27	60°	2700K	480lm	96	50W
EN-GU005/30	60°	3000K	500lm	100	50W
EN-GU005/40	60°	4000K	520lm	104	50W
EN-GU005/64	60°	6400K	540lm	108	50W

STD: 60° LENS. or *add suffix **3** FOR 38°



Technical Information

CRI 80 L1 L2 A+

3W & 4W
L1 exempt

Lamps

Description

The ICE™ Pro is the latest addition to Enlite's successful ICE™ lamp range. This specification range of dimmable long form GU10 lamps offer a much higher lumen package up to 950lm with a narrower beam of 24° or 38° as standard, making them ideal for retail and hospitality applications.

Ideal for use in hospitality where high lumen output is required

FOR DIMMING COMPATIBILITY SEE PAGE 155

EN-DGU1024
GU10 10W 24 Degree
Dimmable LED Lamp

Features & Benefits

- Excellent efficacy - Up to 95lm/W delivers more light using less energy
- ThermoTec™ technology utilises a combination of highly efficient LED light source, aluminium heat sinking and thermoplastic material for longer life and consistent performance
- EnFiniti™ edge-to-edge multifaceted polycarbonate lens creates low glare and halogen like appearance
- Featuring advanced electronics to deliver a high 0.8 power factor
- 24° and 38° beam angles - perfect for high ceilings, retail and hospitality
- 1.5 kV surge protection
- **3 year warranty**

10W up to 950 Lumens L70 25,000 Hours

Dimensions: Overall [Ø] 50mm - Height 82mm

Cat. No.	Beam	Colour	Lumens	lm/W
10W DIMMABLE GU10				
EN-DGU1024/30	24°	3000K	900lm	90
EN-DGU1024/40	24°	4000K	950lm	95
EN-DGU1038/30	38°	3000K	800lm	80
EN-DGU1038/40	38°	4000K	850lm	85

Not suitable for use in fire rated fittings

COMBINED ThermoTec™ & EnFiniti™ TECHNOLOGY

Technical Information

CRI 80 L1 L2 A+

Description

Save money and energy in residential and commercial installation by replacing traditional halogen MR16 and MR11 with Enlite ICE™ LED retrofit lamps. MR11 available in both 12V and mains 240V, providing an ideal retrofit solution with their low power consumption and high light output, replacing 20W halogen and delivering up to 90% in energy savings.

MR16 Features & Benefits

- Excellent efficacy - Range up to 104lm/W
- Featuring EnFiniti™ and ThermoTec™ technologies
- Available in 60° & 38° beam angles
- **3 year warranty**

MR11 Features & Benefits

- High efficacy over traditional halogen technology - up to 80lm/W
- EN-MR11GU4 direct mains replacement - no need for low voltage transformer
- EN-MR1116 coated with dichroic reflective material making it an ideal halogen replacement
- EN-MR116 has a filament LED chip for improved output and look when lit
- Ideal for installation in directional spotlight and cabinet applications
- 0.5kV surge protection - EN-MR11GU4
- **3 year warranty**

FOR TRANSFORMER COMPATIBILITY SEE PAGE 155

EN-MR1653
12V MR16 5W Non-Dimmable LED Lamp

EN-MR11GU4
240V MR11 GU10 4W Non-Dimmable LED Lamp

EN-MR1116
12V MR11 1.6W Non-Dimmable Dichroic LED Lamp

5W up to 520 Lumens L70 25,000 Hours

Dimensions: Overall [Ø] 50mm - Height 51mm

Cat. No.	Beam	Colour	Lumens	lm/W
5W NON-DIMMABLE MR16				
EN-MR165/30	60°	3000K	500lm	100
EN-MR165/40	60°	4000K	520lm	104
EN-MR1653/30	38°	3000K	500lm	100
EN-MR1653/40	38°	4000K	520lm	104

4W up to 300 Lumens L70 25,000 Hours

Dimensions: Overall [Ø] 34mm - Height 48mm

Cat. No.	Beam	Colour	Lumens	lm/W
4W NON-DIMMABLE MR11 GU10				
EN-MR11GU4/30	60°	3000K	290lm	73
EN-MR11GU4/40	60°	4000K	300lm	75

1.6W 160 Lumens L70 15,000 Hours

Dimensions: Overall [Ø] 35mm - Height 35mm

Cat. No.	Beam	Colour	Lumens	lm/W
1.6W NON-DIMMABLE 12V MR11				
EN-MR1116/30	60°	3000K	160lm	80
EN-MR1116/40	60°	4000K	160lm	80

Technical Information

CRI 80 L1 L2 A+

1.6W & 4W L1 exempt

Description

The simply classic glass E360™ GLS lamp looks so much like traditional filament bulbs that you wouldn't be able to tell they're LED. Utilising the latest LED technology and GlassTec™ design, light is distributed in a full 360° angle. This ensures even illumination and warm light spread as found with traditional filament technology, but at a fraction of the energy consumption.

Features & Benefits

- Efficacy of 88lm/W delivers more light using less energy
- Featuring GlassTec™, light is distributed 360° to eliminate dark shadows and provide full illumination
- 2700K colour temperature ensures a warm light effect in keeping with traditional filament bulbs
- Available in B22 and E27 lamp base types
- **3 year warranty**

GlassTec™

EN-GLSE275
5W **360° Glass** GLS Non-Dimmable
E27 LED Lamp

5W 440 Lumens
L70 25,000 Hours

Cat. No.	Base	Watts	Beam	Colour	Lumens	lm/W	Subst.	EEI
GLS NON-DIMMABLE								
EN-GLSB225/27	B22	5W	360°	2700K	440lm	88	40W	A+
EN-GLSE275/27	E27	5W	360°	2700K	440lm	88	40W	A+

Technical Information

CRI 80 L1 L2 A+

Description

Whether for chandeliers, table lamps or wall fittings, the EDim™ range of dimmable GLS, Candle and Golf Ball shaped lamps are perfect for illuminating rooms and areas where ambient lighting may be needed. Compatible with most leading and trailing edge dimmers, these LED lamps enable large energy savings compared to traditional technology while still letting you set the desired light output.

Features & Benefits

- Efficacy up to 90lm/W delivers more light using less energy
- Dimmable with most leading and trailing edge dimmers
- 2700K colour temperature for warm white ambient lighting
- Available in variety of common lamp base types
- **3 year warranty**

EN-DGLSB229
9W GLS **Dimmable**
B22 LED Lamp

EN-DCNDE145
5W Candle **Dimmable**
E14 LED Lamp

EN-DG45E275
5W Golf Ball **Dimmable**
E27 LED Lamp

5 - 9W up to 810 Lumens
L70 25,000 Hours

Cat. No.	Base	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall (Ø)	Length	Subst.	EEI
GLS DIMMABLE											
EN-DGLSE279/27	E27	9W	220°	2700K	810lm	90	25,000	60mm	110mm	60W	A+
EN-DGLSB229/27	B22	9W	220°	2700K	810lm	90	25,000	60mm	108mm	60W	A+
CANDLE DIMMABLE											
EN-DCNDE145/27	E14	5W	240°	2700K	400lm	80	25,000	35mm	105mm	40W	A+
EN-DCNDE275/27	E27	5W	240°	2700K	400lm	80	25,000	35mm	104mm	40W	A+
EN-DCNDB225/27	B22	5W	240°	2700K	400lm	80	25,000	35mm	102mm	40W	A+
GOLF BALL DIMMABLE											
EN-DG45E145/27	E14	5W	190°	2700K	400lm	80	25,000	45mm	80mm	40W	A+
EN-DG45E275/27	E27	5W	190°	2700K	400lm	80	25,000	45mm	72mm	40W	A+
EN-DG45B225/27	B22	5W	190°	2700K	400lm	80	25,000	45mm	70mm	40W	A+

Technical Information

EGX53 EG9 EG4

LED lamps

Description

This range of specialist lamps are an economical, high output LED solution to replace standard halogen or CFL alternatives. They are ideal for use in existing or new display cabinet and undershelf lighting applications.

Features & Benefits

- High output, low energy, cool operating temperature
- Suitable for use in reading lights, spots, pendants and under cabinet luminaires
- **3 year warranty**

EN-GX536
GX53 6W Non-Dimmable LED Lamp

EN-G925
G9 2.5W Non-Dimmable LED Lamp

EN-G412
G4 12V 1.2W Non-Dimmable LED Lamp

1.2 - 6W up to 560 Lumens
L70 25,000 Hours

Cat. No.	Base	Input	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall [Ø]	Height
GX53 NON-DIMMABLE										
EN-GX536/30	GX53	240V	6W	110°	3000K	550lm	92	25,000	75mm	28mm
EN-GX536/40	GX53	240V	6W	110°	4000K	560lm	93	25,000	75mm	28mm
G9 NON-DIMMABLE										
EN-G925/30	G9	240V	2.5W	320°	3000K	210lm	84	25,000	16mm	52mm
G4 NON-DIMMABLE										
EN-G412/30	G4	12V	1.2W	305°	3000K	80lm	67	25,000	12mm	37mm

Technical Information

CRI 80 L1 L2 A+

G4 & G9
L1 exempt

Description

The Enlite range of LED tubes is a cost effective solution for either retrofitting existing T8 fittings or in new installations. Utilising the latest LED technology, they use 50% less energy when compared to traditional fluorescent T8 tubes.

Features & Benefits

- Impact resistant Polycarbonate
- Up to 89lm/W - high efficacy over traditional T8 fluorescent technology
- LED starter included, preventing risk of electric shock when tubes are inserted or removed from luminaire
- Suitable for use at -20° to +40°C making the range ideal for multiple applications and environments
- Life not affected by frequent switching e.g. when used with occupancy controls
- 1.5kV surge protection
- All electronic ballasts and PFC capacitors must be removed from the circuit
- **3 year warranty**

EN-T81220FR
1200mm 20W **Polycarbonate**
T8 Frosted LED Tube

20 - 23W up to 2050 Lumens
L70 25,000 Hours

Cat. No.	Material	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Length	T8 Subst.
1200mm/4ft									
EN-T81220FR/40	PC	20W	180°	4000K	**1630lm**	**82**	25,000	1198mm	36W
1500mm/5ft									
EN-T81523FR/40	PC	23W	180°	4000K	**2050lm**	**89**	25,000	1498mm	58W

Technical Information

CRI 80 L1 L2 A+

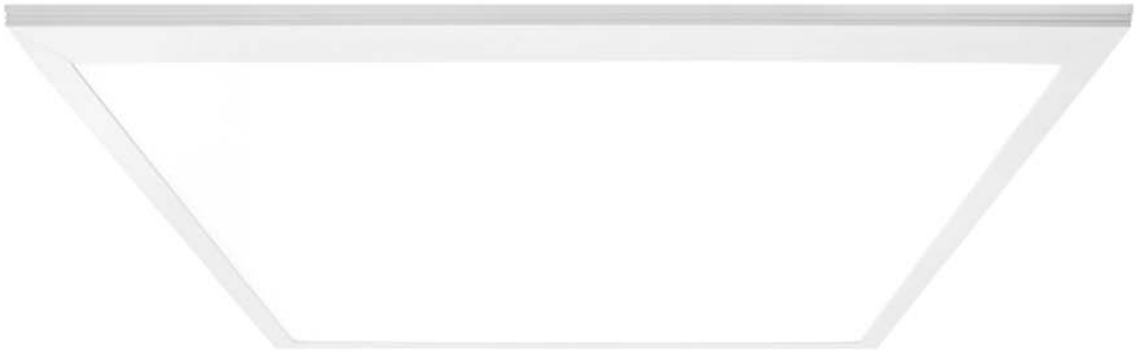
Description

The brand new E6060™, E1230™ and E1260™ PRO range delivers an industry leading 110lm/W, producing over 60% energy savings compared to traditional fluorescent. A superior level of construction results in an IP44 rating as standard for damp environments.

EM **DALI compatible**

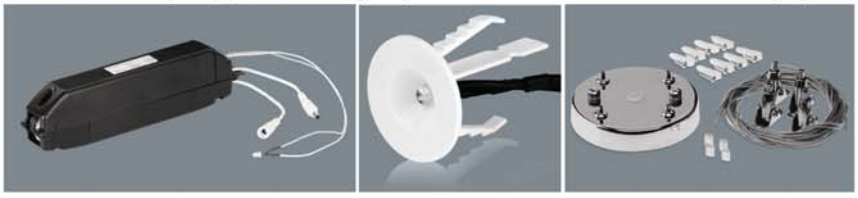
Features & Benefits

- Edge-lit design and optical pattern light guide engineered for even light distribution
- Suitable for installation in 15 & 24mm T-bar ceilings
- SDCM <4 providing consistent light colour quality
- IP44 rated from the front
- UGR 19 (Unified Glare Rating) - suitable for use in offices
- Flicker free driver - Power Factor >0.9
- 1-10V dimmable, DALI and emergency versions available
- Surface mount box, ceiling recess box and adjustable suspension kit available
- 1.5kV surge protection
- **5 year warranty**



NEW **EN-FPRO6060**
600 x 600mm 30W LED Flat Panel

EN-LPEM2 emergency pack & Emergency LED indicator For accessories see page 66



30W 3300 Lumens
L70 50,000 Hours

Cat. No.	Type	Watts	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
600 x 600mm							
EN-FPRO6060/40	Non-Dimmable	30W	4000K	3300lm	110	50,000	595 x 595 x 10mm
EN-FPRO6060/50	Non-Dimmable	30W	5000K	3300lm	110	50,000	595 x 595 x 10mm
EN-FPRO6060V/40	1-10V Dimmable	30W	4000K	3300lm	110	50,000	595 x 595 x 10mm
EN-FPRO6060V/50	1-10V Dimmable	30W	5000K	3300lm	110	50,000	595 x 595 x 10mm
EN-FPRO6060DA/40*	DALI	30W	4000K	3300lm	110	50,000	595 x 595 x 10mm
EN-FPRO6060DA/50*	DALI	30W	5000K	3300lm	110	50,000	595 x 595 x 10mm
ACCESSORIES							
EN-LPEM2	3 Hour Non-Maintained Emergency Pack for Enlite Panel					-	270 x 38 x 68mm

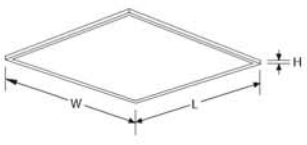
Surface Mount box, **Adjustable Suspension** kit, & **Ceiling Recess Mounts** available. See page 66.

See page 152 for Lighting Design Guide

*For DALI Emergency - the **EM** side will not report back

Technical Information

CRI 80 IP44 L2



(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

NEW **EN-FPRO1260**
1200 x 600mm 50W LED Flat Panel

For accessories see page 66

30 - 50W up to 5500 Lumens
L70 50,000 Hours

Cat. No.	Type	Watts	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
1200 x 600mm							
EN-FPRO1260/40	Non-Dimmable	50W	4000K	5500lm	110	50,000	1195 x 595 x 10mm
EN-FPRO1260/50	Non-Dimmable	50W	5000K	5500lm	110	50,000	1195 x 595 x 10mm
EN-FPRO1260V/40	1-10V Dimmable	50W	4000K	5500lm	110	50,000	1195 x 595 x 10mm
EN-FPRO1260V/50	1-10V Dimmable	50W	5000K	5500lm	110	50,000	1195 x 595 x 10mm
EN-FPRO1260DA/40*	DALI	50W	4000K	5500lm	110	50,000	1195 x 595 x 10mm
EN-FPRO1260DA/50*	DALI	50W	5000K	5500lm	110	50,000	1195 x 595 x 10mm
1200 x 300mm							
EN-FPRO1230/40	Non-Dimmable	30W	4000K	3300lm	110	50,000	1195 x 295 x 10mm
EN-FPRO1230/50	Non-Dimmable	30W	5000K	3300lm	110	50,000	1195 x 295 x 10mm
EN-FPRO1230V/40	1-10V Dimmable	30W	4000K	3300lm	110	50,000	1195 x 295 x 10mm
EN-FPRO1230V/50	1-10V Dimmable	30W	5000K	3300lm	110	50,000	1195 x 295 x 10mm
EN-FPRO1230DA/40*	DALI	30W	4000K	3300lm	110	50,000	1195 x 295 x 10mm
EN-FPRO1230DA/50*	DALI	30W	5000K	3300lm	110	50,000	1195 x 295 x 10mm
ACCESSORIES							
EN-LPEM2	3 Hour Non-Maintained Emergency Pack for Enlite Panel					-	270 x 38 x 68mm

Surface Mount box, **Adjustable Suspension** kit, & **Ceiling Recess Mounts** available. See page 66.
See page 152 for Lighting Design Guide
*For DALI Emergency - the **EM** side will not report back

Technical Information

(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

E6060™

LED flat panels 600 x 600mm

Description

The E6060™ has been upgraded to produce 95lm/W for outstanding energy savings. The light guide board and diffuser have been engineered to ensure maximum light output and complete uniformity. Suitable for a wide range of applications including office, education and commercial spaces.

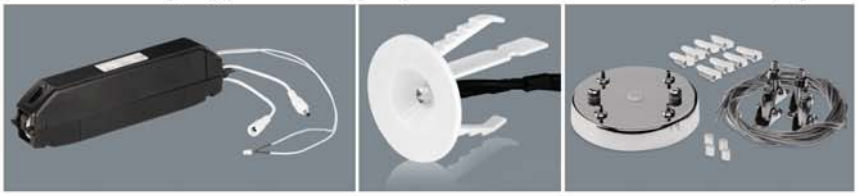
EM **DALI compatible**

Features & Benefits

- Edge-lit design and optical pattern light guide engineered for even light distribution
- Suitable for installation in 15 & 24mm T-bar ceilings
- SDCM <5 providing consistent light colour quality
- UGR 19 (Unified Glare Rating) - suitable for use in offices
- Flicker free driver - Power Factor >0.9
- Life not affected by frequent switching e.g. when used with occupancy controls
- 1-10V dimmable, DALI and emergency versions available
- Surface mount box and adjustable suspension kit available
- 1.5kV surge protection
- **3 year warranty**

NEW **EN-FP6060C**
600 x 600mm 36W LED Flat Panel

EN-LPEM2 emergency pack & Emergency LED indicator For accessories see page 66



36W 3400 Lumens
L70 30,000 Hours

Cat. No.	Type	Watts	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
600 x 600mm							
EN-FP6060C/40	Non-Dimmable	36W	4000K	**3400lm**	**95**	30,000	595 x 595 x 10mm
EN-FP6060C/50	Non-Dimmable	36W	5000K	**3400lm**	**95**	30,000	595 x 595 x 10mm
EN-FP6060CV/40	1-10V Dimmable	36W	4000K	**3400lm**	**95**	30,000	595 x 595 x 10mm
EN-FP6060CV/50	1-10V Dimmable	36W	5000K	**3400lm**	**95**	30,000	595 x 595 x 10mm
EN-FP6060CDA/40*	DALI	36W	4000K	**3400lm**	**95**	30,000	595 x 595 x 10mm
EN-FP6060CDA/50*	DALI	36W	5000K	**3400lm**	**95**	30,000	595 x 595 x 10mm
ACCESSORIES							
EN-LPEM2	3 Hour Non-Maintained Emergency Pack for Enlite Panel					-	270 x 38 x 68mm

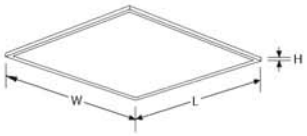
Surface Mount box, **Adjustable Suspension** kit, & **Ceiling Recess Mounts** available. See page 66.

See page 152 for Lighting Design Guide

*For DALI Emergency - the **EM** side will not report back

Technical Information

CRI 80 IP44 L2



(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

NEW **EN-FP1260C**
1200 x 600mm 50W LED Flat Panel

For accessories see page 66

36 - 50W up to 5500 Lumens
L70 30,000 Hours

Cat. No.	Type	Watts	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
1200 x 600mm							
EN-FP1260C/40	Non-Dimmable	50W	4000K	5500lm	110	30,000	1195 x 595 x 10mm
EN-FP1260C/50	Non-Dimmable	50W	5000K	5500lm	110	30,000	1195 x 595 x 10mm
EN-FP1260CV/40	1-10V Dimmable	50W	4000K	5500lm	110	30,000	1195 x 595 x 10mm
EN-FP1260CV/50	1-10V Dimmable	50W	5000K	5500lm	110	30,000	1195 x 595 x 10mm
EN-FP1260CDA/40*	DALI	50W	4000K	5500lm	110	30,000	1195 x 595 x 10mm
EN-FP1260CDA/50*	DALI	50W	5000K	5500lm	110	30,000	1195 x 595 x 10mm
1200 x 300mm							
EN-FP1230C/40	Non-Dimmable	36W	4000K	3400lm	95	30,000	1195 x 295 x 10mm
EN-FP1230C/50	Non-Dimmable	36W	5000K	3400lm	95	30,000	1195 x 295 x 10mm
EN-FP1230CV/40	1-10V Dimmable	36W	4000K	3400lm	95	30,000	1195 x 295 x 10mm
EN-FP1230CV/50	1-10V Dimmable	36W	5000K	3400lm	95	30,000	1195 x 295 x 10mm
EN-FP1230CDA/40*	DALI	36W	4000K	3400lm	95	30,000	1195 x 295 x 10mm
EN-FP1230CDA/50*	DALI	36W	5000K	3400lm	95	30,000	1195 x 295 x 10mm
ACCESSORIES							
EN-LPEM2	3 Hour Non-Maintained Emergency Pack for Enlite Panel					-	270 x 38 x 68mm

Surface Mount box, **Adjustable Suspension** kit, & **Ceiling Recess Mounts** available. See page 66.
See page 152 for Lighting Design Guide
*For DALI Emergency - the **EM** side will not report back

Technical Information

(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

Surface Mount Box Kit

EN-SM103B
Surface Mount Kit
600x600mm

EN-SM107B
Surface Mount Kit
1200x300mm

EN-SM106B
Surface Mount Kit
1200x600mm

Ceiling Recess Mount

EN-CRM660A
Ceiling Recess Mount
600x600mm

EN-CRM1230A
Ceiling Recess Mount
1200x300mm

EN-CRM1260A
Ceiling Recess Mount
1200x600mm

Suspension Mounting Kit

EN-SK100B
Adjustable Suspension Kit

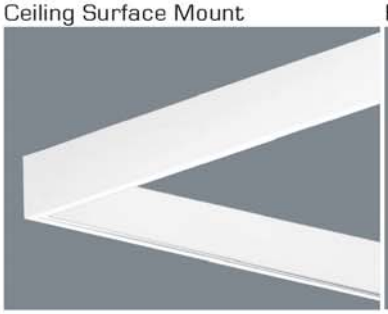
EN-SK100B
Suspension Mounting Kit

EN-SK100B
Suspension Mounting Kit

Cat. No.	Description
EN-SM103B*	600 x 600 x 74mm Panel Surface Mount
EN-SM106B*	1200 x 600 x 74mm Panel Surface Mount
EN-SM107B*	1200 x 300 x 74mm Panel Surface Mount
EN-CRM660A	600 x 600mm Panel Recess Mount
EN-CRM1230A	1200 x 300mm Panel Recess Mount
EN-CRM1260A	1200 x 600mm Panel Recess Mount
EN-SK100B	Panel Adjustable Suspension Kit

*Add Suffix **EM** for Emergency option

Ceiling Surface Mount



Recess Surface Mount

Description

The IP65 LinearPac™ LED anti-corrosive has been upgraded up to a market leading 114lm/W providing up to 50% energy savings compared to traditional fluorescent. A highly efficient solution for both interior and exterior applications, it is designed for car parks, service areas, warehouses or retail environments.

Features & Benefits

- IP65 vandal resistant polycarbonate body and diffuser
- Efficacy of up to 114lm/W
- Anti-tamper stainless steel clips supplied as standard
- Clip in gear tray for ease of installation and maintenance
- Multiple drill-out conduit entry points end and rear for quick and easy installation
- Supplied with 2 x IP rated cable glands
- Microwave sensor detection range up to 14 metres
- Adjustable light detector from 2-50 lux
- Adjustable hold time 5 seconds to 15 minutes
- IK08 impact rating
- 1.0kV surge protection
- **3 year warranty**

HIGH SPEC SOLUTION

EM MS

NEW **EN-ANT1240B**
1200mm 40W **IP65** Polycarbonate LED Anti-Corrosive

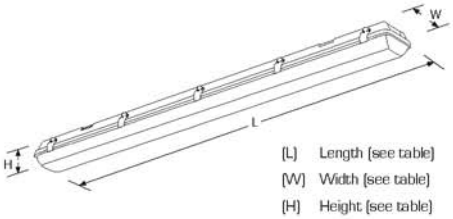
40 - 69W up to 7700 Lumens
L70 30,000 Hours

Cat. No.	Diffuser	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
1200mm/4ft								
EN-ANT1240B*/40	Opal	40W	120°	4000K	**4400lm**	**110**	30,000	1270 x 118 x 80mm
1500mm/5ft								
EN-ANT1558B*/40	Opal	58W	120°	4000K	**6600lm**	**114**	30,000	1570 x 118 x 80mm
1800mm/6ft								
EN-ANT1869B*/40	Opal	69W	120°	4000K	**7700lm**	**112**	30,000	1870 x 118 x 80mm

*Add suffix **EM** for **Emergency** option
MS (Microwave Sensor) available to special order

Technical Information

CRI 80 IP65 IK08 L2



(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

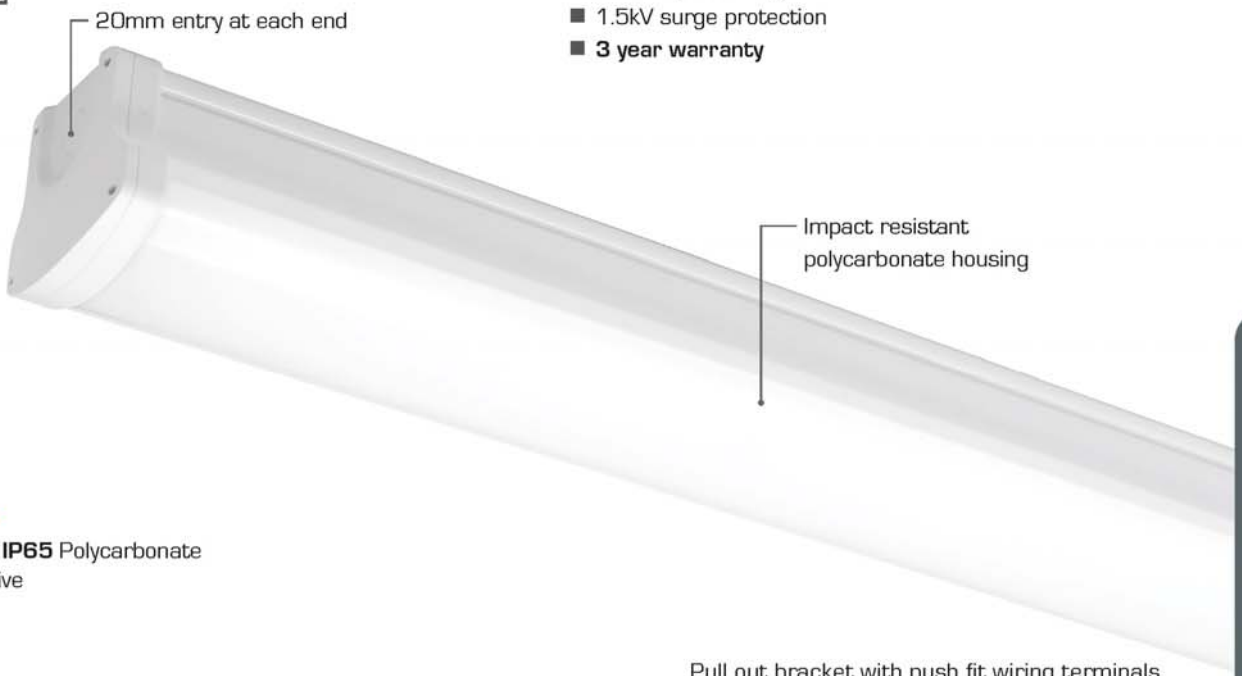
Description

The UniPac™ range of anti-corrosives is the perfect cost effective solution to replace traditional T8 fluorescent fittings. Formed from a single polycarbonate body and using high lumen LED chips, it's engineered for installation in the most challenging environments making the decision to switch to LED that much easier. Also available with microwave sensor and corridor function.

COST EFFECTIVE SOLUTION

Features & Benefits

- IP65 vandal resistant polycarbonate housing and opal diffuser provide smooth, even light distribution with no hot spots
- Ideal for both interior and exterior applications e.g. car parks
- Push fit terminals in both ends for through cable wiring and quick and easy installation
- 20mm conduit entry knockouts on each end cap
- Supplied with mounting clips and cable glands
- Microwave sensor detection range up to 12 metres
- Light detection at 30 lux unless disabled
- Adjustable hold time 5 seconds to 10 minutes
- IK08 impact rating
- 1.5kV surge protection
- **3 year warranty**



EN-ANTE236
1200mm 36W **IP65** Polycarbonate
LED Anti-Corrosive

Pull out bracket with push fit wiring terminals for through wiring and easy connection

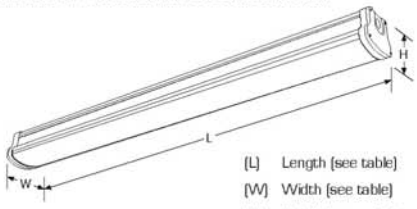
35 - 72W up to 6120 Lumens
L70 25,000 Hours

Cat. No.	Diffuser	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
1200mm/4ft								
EN-ANTE236/40†	Opal	36W	120°	4000K	**3200lm**	**89**	25,000	1226 x 110 x 95mm
1500mm/5ft								
EN-ANTE554/40†	Opal	54W	120°	4000K	**4900lm**	**91**	25,000	1526 x 110 x 95mm
1800mm/6ft								
EN-ANTE872/40*	Opal	72W	120°	4000K	**6120lm**	**85**	25,000	1826 x 110 x 95mm

*Add suffix **EM** or **MS** for **Emergency** or **Microwave** sensor options

†Add suffix **EM, MS** or **MSC** for **Emergency, Microwave** or **Microwave Sensor with Corridor** sensor options

Technical Information



(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

EnPac™

Limitless applications for new build and retrofit

2 ROWS OF LEDS FOR MAXIMUM ILLUMINATION

SIMPLE, ELEGANT & VERSATILE

Description

Solid and functional, the EnPac™ range of LED battens are an ideal solution for indoor commercial and industrial applications. Designed specifically for LED, their tough IK08 exterior and high transmittance low glare diffuser provides great performance and light distribution for all internal applications. Suitable for ceiling and wall mounting.

Features & Benefits

- Sleek aesthetic design - steel housing with polycarbonate diffuser
- Instant start, high output, energy efficient LED light bars are an ideal retrofit solution for T8 fluorescent tubes
- High quality diffuser covering the LED light bars eliminates unwanted glare providing visual comfort
- Surface mounted fitting suitable for most indoor and industrial applications such as warehousing, retail, internal industrial, storage rooms, back office spaces and corridors
- Large terminal block for easy installation. Side conduit, rear entry and through cable wiring
- IK08 impact rating
- 1.5kV surge protection
- **3 year warranty**

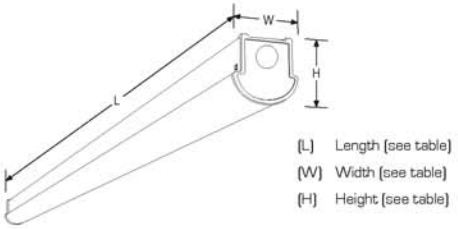
EN-BN1240
1200mm 40W Polycarbonate
LED Batten

40 - 45W up to 4750 Lumens
L70 40,000 Hours

Cat. No.	Diffuser	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)	T8 Subst.
1200mm/4ft									
EN-BN1240/40*	Opal	40W	120°	4000K	**4200lm**	**105**	40,000	1225 x 60 x 58mm	2 x 36W
1500mm/5ft									
EN-BN1545/40*	Opal	45W	120°	4000K	**4750lm**	**106**	40,000	1525 x 60 x 58mm	2 x 58W

*Add suffix **EM Emergency** option

Technical Information



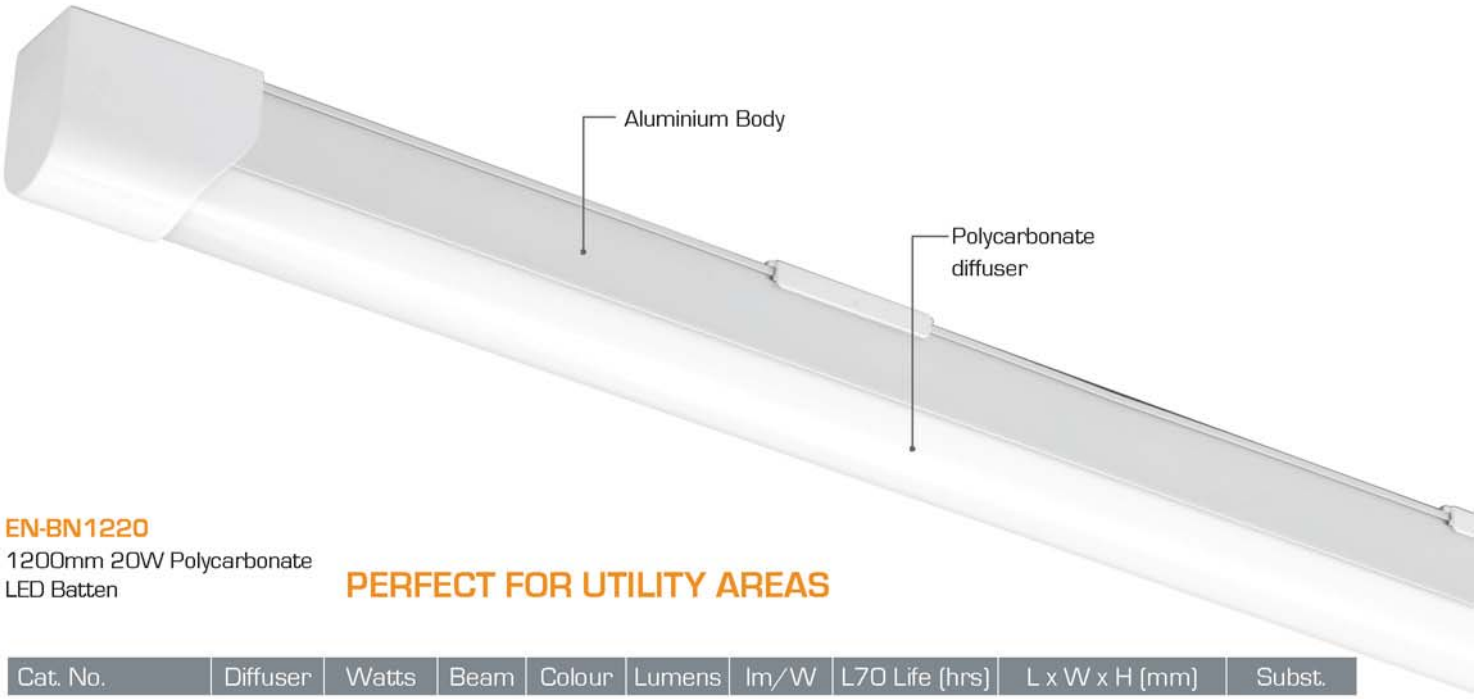
Description

The Eco8™ range of slimline LED battens are designed around simplicity. With their integrated driver and easy access rear terminal block, they're available in a range of lengths and lumen outputs. They are a discreet upgrade or replacement to traditional single T8 fluorescent fittings.

10 - 24W
up to 2160 Lumens
L70 35,000 Hours

Features & Benefits

- Super lightweight aluminium body and polycarbonate opal diffuser - no hot spots
- Sleek and simple modern design engineered specifically around LED technology
- Adjustable surface mount clips to suit installation requirements and retrofit
- Easy access and wire terminal block on rear
- Ideal for commercial, back office, kitchen, hallways, wardrobes and domestic garages
- **3 year warranty**



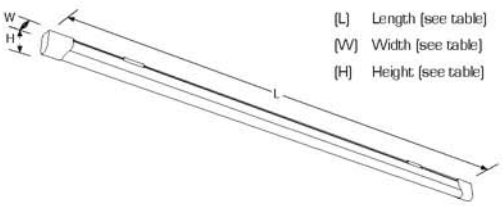
EN-BN1220
1200mm 20W Polycarbonate LED Batten

PERFECT FOR UTILITY AREAS

Cat. No.	Diffuser	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)	Subst.
600mm/2ft									
EN-BN610/40	Opal	10W	160°	4000K	900lm	90	35,000	630 x 28 x 44mm	18W
1200mm/4ft									
EN-BN1220/40	Opal	20W	160°	4000K	1800lm	90	35,000	1230 x 28 x 44mm	36W
1500mm/5ft									
EN-BN1524/40	Opal	24W	160°	4000K	2160lm	90	35,000	1534 x 28 x 44mm	58W

BACK ROOMS & STORAGE

UNDERSHELF & WARDROBES



Technical Information

Description

The range of EcoT8™ integrated open LED battens looks so close to traditional T8 and T5 open style fluorescent fittings, you won't be able to tell they are LED. Perfect for retrofit or new build, they've been designed specifically to mimic traditional fittings. Maintenance free and available in single or twin with or without reflector, now you can upgrade and benefit from all the advantages of LED technology while maintaining existing look and feel of traditional fluorescent.

Features & Benefits

- Steel housing and high quality polycarbonate diffuser eliminate hot spots providing uniformed low glare light output
- Perfect for retrofitting existing installations or as an alternative to T8 or T5 fluorescent fittings
- Twin version available with winged reflectors for reduced glare
- Through wiring with side and rear cable entry
- Integrated driver supplied in housing
- Available in typical 1200mm, 1500mm and 1800mm lengths
- 1.5kV surge protection
- **3 year warranty**

18 - 51W
up to 4500 Lumens
L70 35,000 Hours

EN-BT1218
1200mm 18W **Single** Open T8 LED Batten

EN-BTW1236
1200mm 33W **Twin Winged** Open T8 LED Batten

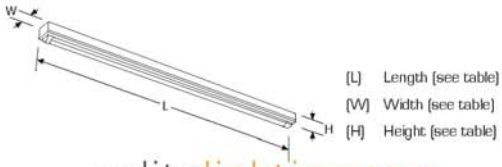
Single Open

Twin Winged

PERFECT LIKE-FOR-LIKE T8/T5 REPLACEMENT

Cat. No.	Diffuser	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)	T8 Subst.
SINGLE without WING REFLECTOR									
1200mm/4ft									
EN-BT1218/40	Opal	18W	120°	4000K	1600lm	89	35,000	1220 x 55 x 35mm	36W
1500mm/5ft									
EN-BT1522/40	Opal	22W	120°	4000K	2100lm	95	35,000	1520 x 55 x 35mm	36W
1800mm/6ft									
EN-BT1827/40	Opal	27W	120°	4000K	2500lm	93	35,000	1820 x 55 x 35mm	58W
TWIN without WING REFLECTOR									
1200mm/4ft									
EN-BT1233/40	Opal	33W	120°	4000K	3200lm	97	35,000	1220 x 85 x 35mm	2 x 36W
1500mm/5ft									
EN-BT1544/40	Opal	44W	120°	4000K	4100lm	93	35,000	1520 x 85 x 35mm	2 x 36W
1800mm/6ft									
EN-BT1851/40	Opal	51W	120°	4000K	4500lm	88	35,000	1820 x 85 x 35mm	2 x 58W
TWIN with WING REFLECTOR									
1200mm/4ft									
EN-BTW1236/40	Opal	33W	120°	4000K	3200lm	97	35,000	1220 x 85 x 35mm	2 x 36W
1500mm/5ft									
EN-BTW1544/40	Opal	44W	120°	4000K	4100lm	93	35,000	1520 x 85 x 35mm	2 x 36W
1800mm/6ft									
EN-BTW1854/40	Opal	51W	120°	4000K	4500lm	88	35,000	1820 x 85 x 35mm	2 x 58W

Technical Information



(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

IRWIN
IRWIN

REAL DEALS FANTASTIC SEASONAL OFFERS!
GROHE
BRISTA
Waste
CROWN
COVERMATT
WHITE
10 LITRES
CROWN
COVERMATT
MAGNOLIA
10 LITRES
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ARMSTEAD

up to 30,000 Lumens L70 50,000 Hours

Ariah™ PRO

Market leading efficiency of 150lm/W

HIGH POWER LED ARRAY

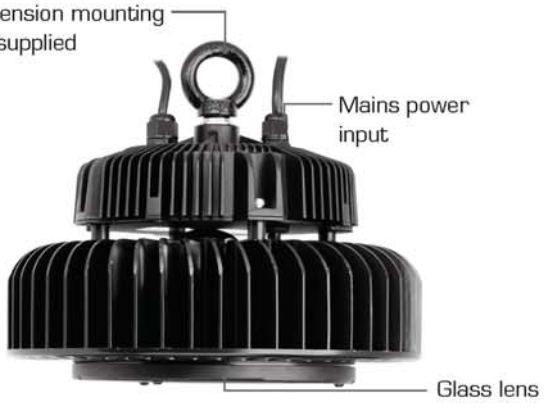
IMPROVED PERFORMANCE
COMPACT SIZE

Description

Now producing a market leading 150lm/W, Enlite's Ariah™ PRO LED highbay can now replace a traditional 400W industrial fixture with just 150W of LED. Providing over 65% energy savings compared to traditional technology, Ariah™ PRO gives impressive ROI figures, with all the advantages of a zero maintenance industrial LED fixture.

Features

- IP65 rated die-cast aluminium housing for maximum protection in all environments - IK08 impact rating
- 1-10V dimmable as standard
- Highly thermal efficient aluminium heatsink - low operating temperature to extend product life
- Ideal for use in warehousing, manufacturing, industrial lighting, canopies etc
- High power factor of 0.92
- 120° beam angle as standard, optional 60°, 70° or 90° aluminium and polycarbonate reflectors available (sold separately)
- Suspension and wall mounting options
- Supplied with 1.2m mains cable
- Net weight of EN-HB100C - 3.4kg EN-HB150C - 3.9kg EN-HB200C - 5.51kg
- Ambient temperature -30°C to +50°C
- 1.5kV surge protection
- **5 year warranty**



NEW EN-HB150C
150W **IP65** Dimmable LED Highbay

IP65 & IK08 IMPACT RATING

100 - 200W
up to 30,000 Lumens
L70 50,000 Hours

70° Polycarbonate

60° Aluminium

90° Aluminium

Mounting Bracket

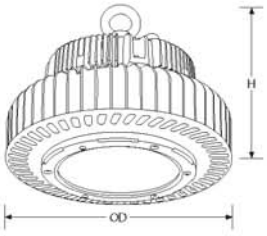
Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall [Ø]	Height
EN-HB100C/40	100W	120°	4000K	15000lm	150	50,000	252mm	193mm
EN-HB150C/40	150W	120°	4000K	22500lm	150	50,000	252mm	193mm
EN-HB200C/40	200W	120°	4000K	30000lm	150	50,000	295mm	208mm

ACCESSORIES

EN-HBACR2	70° Highbay Polycarbonate Reflector
EN-RF601	60° Highbay Aluminium Reflector
EN-RF901	90° Highbay Aluminium Reflector
EN-HBMB1	Highbay Mounting Bracket

Technical Information

CRI 80 | IP65 | IK08 | L2



[H] Height (see table)
[OD] Overall [Ø] (see table)

Description

The Helius™ range of floodlights are perfect for both residential and commercial IP65 applications. Their slim profile and clean black finish make them as unobtrusive as possible. Available in 10W, 30W, 50W, 100W, 200W and 300W versions with black housing.

Features & Benefits

- IP65 rated LED floodlight rated with slim design
- Durable high quality paint minimises impact of corrosion
- Tempered glass provides excellent protection
- Die-cast aluminium housing
- Pre-wired with 800mm of cable
- 1.5kV surge protection
- Warning Note: Not suitable for post top mounting
- **3 year warranty***

10 - 300W
up to 22,500 Lumens
L70 25,000 Hours

EN-FL10A
10W Adjustable
IP65 LED Floodlight

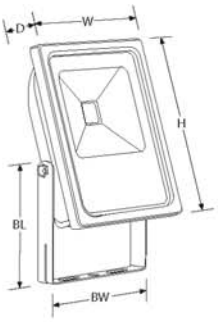
EN-FL30A
30W Adjustable
IP65 LED Floodlight

EN-FL50A
50W Adjustable
IP65 LED Floodlight

Cat. No.	Watts	Colour	Lumens	L70 Life (hrs)	H x W x D (mm)	BL x BW (mm)	Halogen Subst.
EN-FL10A/40	10W	4000K	750lm	25,000	135 x 115 x 40mm	85 x 102mm	60W
EN-FL30A/40	30W	4000K	2250lm	25,000	230 x 195 x 60mm	150 x 180mm	100W
EN-FL50A/40	50W	4000K	3750lm	25,000	285 x 240 x 70mm	188 x 212mm	150W
EN-FL100A/40	100W	4000K	7500lm	25,000	315 x 335 x 100mm	155 x 310mm	200W
EN-FL100A/65	100W	6500K	7500lm	25,000	315 x 335 x 100mm	155 x 310mm	200W
EN-FL200A/40	200W	4000K	14000lm	25,000	380 x 380 x 120mm	220 x 350mm	750W
EN-FL200A/65	200W	6500K	14000lm	25,000	380 x 380 x 120mm	220 x 350mm	750W
EN-FL300A/40	300W	4000K	22500lm	25,000	455 x 455 x 125mm	300 x 410mm	1500W
EN-FL300A/65	300W	6500K	22500lm	25,000	455 x 455 x 125mm	300 x 410mm	1500W

*Warranty covers LED chip & driver

Technical Information



(H) Height (see table)
(W) Width (see table)
(D) Depth (see table)
(BL) Bracket Length (see table)
(BW) Bracket Width (see table)

EN-FL100A
100W Adjustable
IP65 LED Floodlight

EN-FL200A
200W Adjustable
IP65 LED Floodlight

EN-FL300A
300W Adjustable
IP65 LED Floodlight

HeliusPIR™

IP65 10 - 50W PIR floodlights

Description

The HeliusPIR™ range of IP65 floodlights are ideal for residential applications and commercial security requirements. Their adjustable PIR sensor allows for direct positioning to ensure optimum motion detection and lighting fields are achieved. Available in 10W, 30W and 50W versions with black housing.

Features & Benefits

- IP65 rated LED floodlight with adjustable PIR sensor for optimum positioning and motion detection
- PIR detection distance up to 6m, detection range 120° for 10W, 180° for 30W & 50W
- Durable high quality paint minimises effect of corrosion
- Die-cast aluminium housing
- Pre-wired with 300mm of cable
- 1.5kV surge protection
- **3 year warranty***

10 - 50W
up to 3750 Lumens
L70 25,000 Hours

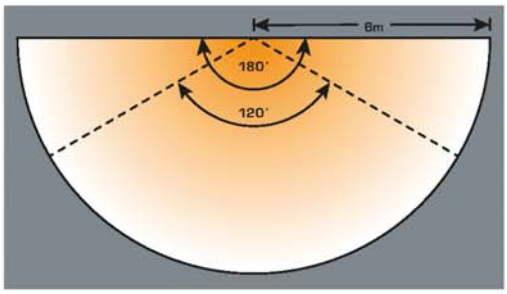
EN-FL10PIRA
10W Adjustable **IP65** LED Floodlight with **PIR Sensor**

EN-FL30PIRA
30W Adjustable **IP65** LED Floodlight with **PIR Sensor**

EN-FL50PIRA
50W Adjustable **IP65** LED Floodlight with **PIR Sensor**

PIR mode selector dials for daylight and time
10W version

PIR mode selector dials for daylight, time & sensitivity
30W & 50W versions

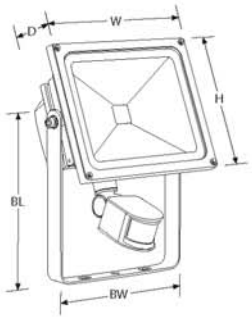


120° PIR detection range for 10W
180° PIR detection range for 30W, 50W & halogen substitute

Cat. No.	Watts	Colour	Lumens	L70 Life (hrs)	H x W x D (mm)	BL x BW (mm)	Halogen Subst.
EN-FL10PIRA/40	10W	4000K	750lm	25,000	200 x 115 x 105mm	117 x 100mm	60W
EN-FL30PIRA/40	30W	4000K	2250lm	25,000	300 x 195 x 115mm	220 x 200mm	100W
EN-FL50PIRA/40	50W	4000K	3750lm	25,000	350 x 240 x 120mm	240 x 244mm	200W

*Warranty covers LED chip, driver & sensor

Technical Information



(H) Height (see table)
(W) Width (see table)
(D) Depth (see table)
(BL) Bracket Length (see table)
(BW) Bracket Width (see table)

Description

The IP65 driverless range of QuaZar™ floodlights incorporate the latest in high voltage LED technology. With their ultra slim profile and high performance, now you can light your external areas and gardens without sacrificing the appearance. Available in 10W, 20W, 30W and 50W versions.

Features & Benefits

- IP65 rated LED floodlight with ultra slim design for minimal visual impact
- IK08 rated aluminium housing and tempered glass provides excellent protection
- Available in matt black and matt white finish housing
- Pre-wired with 800mm of cable
- 1.5kV surge protection
- **3 year warranty**†

SLIM PROFILE
HIGH PERFORMANCE

10 - 50W
up to 5000 Lumens
L70 25,000 Hours

NEW **EN-FLH10**
10W Adjustable **IP65**
Driverless LED Floodlight

NEW **EN-FLH20**
20W Adjustable **IP65**
Driverless LED Floodlight

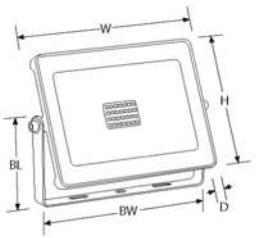
Cat. No.	Watts	Colour	Lumens	lm/W	L70 Life (hrs)	H x W x D (mm)	BL x BW (mm)	Halogen Subst.
EN-FLH10*/40	10W	4000K	900lm	90	25,000	93 x 121 x 24mm	80 x 134mm	60W
EN-FLH20*/40	20W	4000K	1800lm	90	25,000	127 x 167 x 26mm	100 x 174mm	80W
EN-FLH30*/40	30W	4000K	2700lm	90	25,000	155 x 200 x 26mm	115 x 205mm	100W
EN-FLH50*/40	50W	4000K	5000lm	100	25,000	175 x 225 x 30mm	130 x 231mm	150W

*Add suffix **W** or **BLK** for White or Black finish
†Warranty covers LED chip

Finish Options:

White Black

Technical Information



(H) Height (see table)
(W) Width (see table)
(D) Depth (see table)
(BL) Bracket Length (see table)
(BW) Bracket Width (see table)

NEW **EN-FLH30**
30W Adjustable **IP65**
Driverless LED Floodlight

NEW **EN-FLH50**
50W Adjustable **IP65**
Driverless LED Floodlight

QuaZarPIR™ IP65 10 - 50W HV driverless floodlights

Description

New to the QuaZar™ floodlight range is the QuaZarPIR™. Maintaining the popular slim design, the inclusion of a PIR incorporates the function of motion detection, without compromising the product's popular appearance. The PIR has been specially designed to help reduce false triggering; both the position and functions can be fully adjusted to suit any application. Ideal for both domestic and commercial applications, the QuaZarPIR™ is perfect for security lighting as well as helping to reduce energy costs.

Features & Benefits

- IP65 rated LED floodlight with ultra slim design and adjustable PIR sensor
- PIR detection distance up to 10m and detection range of 120°
- PIR mode selector dials to adjust daylight, time and sensitivity
- Available in black and white finish housing
- Pre-wired with 800mm of cable
- 1.5kV surge protection
- **3 year warranty**†

10 - 50W
up to 5000 Lumens
L70 25,000 Hours

SLIM PROFILE
HIGH PERFORMANCE

NEW **EN-FLH10P**
10W Adjustable **IP65** Floodlight with **PIR sensor**

NEW **EN-FLH20P**
20W Adjustable **IP65** Floodlight with **PIR sensor**

Cat. No.	Watts	Colour	Lumens	lm/W	L70 Life (hrs)	H x W x D (mm)	BL x BW (mm)	Halogen Subst.
EN-FLH10P*/40	10W	4000K	900lm	90	25,000	93 x 121 x 23mm	148 x 125mm	60W
EN-FLH20P*/40	20W	4000K	1800lm	90	25,000	129 x 168 x 24mm	170 x 173mm	80W
EN-FLH30P*/40	30W	4000K	2700lm	90	25,000	155 x 200 x 24mm	190 x 201mm	100W
EN-FLH50P*/40	50W	4000K	5000lm	100	25,000	175 x 225 x 25mm	195 x 231mm	150W

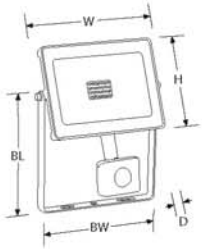
*Add suffix **W** or **BLK** for White or Black finish

†Warranty covers LED chip

Finish Options:

White Black

PIR mode selector dials for daylight, sensitivity and time



(H) Height (see table)
(W) Width (see table)
(D) Depth (see table)
(BL) Bracket Length (see table)
(BW) Bracket Width (see table)

Technical Information

CRI 70 | IP65 | IK08 | L1 | L2

NEW **EN-FLH30P**
30W Adjustable **IP65** Floodlight
with **PIR sensor**

NEW **EN-FLH50P**
50W Adjustable **IP65** Floodlight
with **PIR sensor**

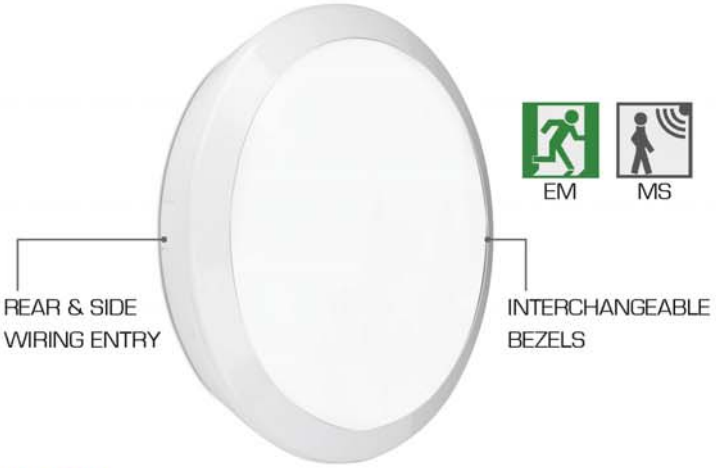
Description

The IP66 Orbital™ bulkhead range is simple yet perfect for bulkhead applications. Engineered with a tough polycarbonate body and opal diffuser for even light output with no LED hot spots, all versions and accessories are impact resistant and designed to last. Available in two wattages, white and black housing, interchangeable eyelid bezels, emergency and microwave options. This range ticks all the boxes for any installation. Life not affected by frequent switching e.g. when used with occupancy controls.

Features & Benefits

- IP66 LED bulkhead not affected by frequent switching
- IK10 polycarbonate body and diffuser for maximum vandal resistance
- Rear entry access wiring compartment allows for easy installation
- Interchangeable eyelid bezel accessory available
- Separate 20mm conduit side entry
- Wall or ceiling mounted - accessories included
- Emergency and microwave options available
- Adjustable light detector from 2-50 lux
- Adjustable hold time 5 seconds to 30 minutes
- 1.5kV surge protection
- **3 year warranty**

15 - 27W up to 1800 Lumens L70 25,000 Hours



EN-BH25
25W Polycarbonate **IP66**
Round LED Bulkhead

EN-BH15
15W Polycarbonate **IP66**
Round LED Bulkhead

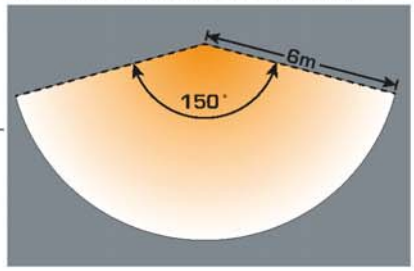
Eyelid

Cat. No.	Watts	Beam	Colour	Lumens	L70 Life (hrs)	Overall [Ø]	Projection
EN-BH15*/40†	15W	120°	4000K	1150lm	25,000	300mm	95mm
EN-BH15*/40EM	17W	120°	4000K	1150lm	25,000	300mm	95mm
EN-BH25*/40†	25W	120°	4000K	1800lm	25,000	360mm	105mm
EN-BH25*/40EM	27W	120°	4000K	1800lm	25,000	360mm	105mm

ACCESSORIES

EN-BZE15W	Orbital™ 300mm Eyelid Bezel Accessory for EN-BH15 - White
EN-BZE15BLK	Orbital™ 300mm Eyelid Bezel Accessory for EN-BH15 - Black
EN-BZE25W	Orbital™ 360mm Eyelid Bezel Accessory for EN-BH25 - White
EN-BZE25BLK	Orbital™ 360mm Eyelid Bezel Accessory for EN-BH25 - Black

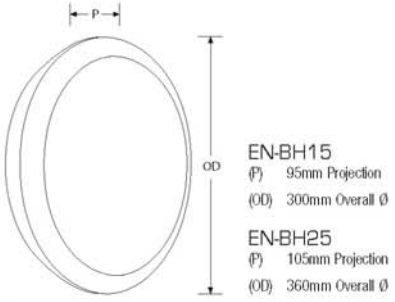
Microwave version detection range



*Add suffix **W** or **BLK** for White or Black finishes
†Add suffix **MS** for Microwave Sensor
27W EMMS (Emergency & Microwave Sensor) available to special order.

Finish Options:

White Black



Technical Information

Description

Utilite™ is a powerful yet energy efficient alternative to standard bulkhead utility luminaires. Designed specifically for LED technology, their impact resistant polycarbonate housing provides a tough exterior making them ideal for all basic industrial, commercial and residential installations.

15 - 30W
up to 2800 Lumens
L70 25,000 Hours

Features & Benefits

- IP65 rated polycarbonate white housing
- Integrated driver for slim profile
- Wall or ceiling mountable with 20mm knockouts
- Available in a range of sizes and shapes to suit multiple installation requirements
- Interchangeable bezel options available (sold separately)
- Impact resistant - IK06 rating
- 1.5kV surge protection
- **3 year warranty**

Black Bezel

Eyelid

Grille

EN-BH120
20W Polycarbonate **IP65** Round
LED Utility Bulkhead

Black Bezel

Grille

EN-BH220
20W Polycarbonate **IP65** Oval
LED Utility Bulkhead

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	Overall [Ø]	L x W (mm)	Projection	Shape
EN-BH115/40	15W	120°	4000K	1550lm	103	25,000	167mm	-	62mm	Round
EN-BH120/40	20W	120°	4000K	2000lm	100	25,000	221mm	-	72mm	Round
EN-BH130/40	30W	120°	4000K	2800lm	93	25,000	300mm	-	80mm	Round
EN-BH215/40	15W	120°	4000K	1550lm	103	25,000	-	215 x 115mm	62mm	Oval
EN-BH220/40	20W	120°	4000K	1800lm	90	25,000	-	271 x 146mm	76mm	Oval

White finish standard

Bezels for round bulkheads

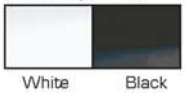
Cat. No.	Description
EN-BZ115BLK	167mm Bezel Accessory for EN-BH115
EN-BZE115*	167mm Eyelid Bezel Accessory for EN-BH115
EN-BZG115*	167mm Grille Bezel Accessory for EN-BH115
EN-BZ120BLK	221mm Bezel Accessory for EN-BH120
EN-BZE120*	221mm Eyelid Bezel Accessory for EN-BH120
EN-BZG120*	221mm Grille Bezel Accessory for EN-BH120
EN-BZ130BLK	300mm Bezel Accessory for EN-BH130
EN-BZE130*	300mm Eyelid Bezel Accessory for EN-BH130
EN-BZG130*	300mm Grille Bezel Accessory for EN-BH130

Bezels for oval bulkheads

Cat. No.	Description
EN-BZ215BLK	215 x 115mm Oval Bezel for EN-BH215
EN-BZ220BLK	271 x 146mm Oval Bezel for EN-BH220
EN-BZG215*	215 x 115mm Grille Bezel for EN-BH215
EN-BZG220*	271 x 146mm Grille Bezel for EN-BH220

*Add suffix **W** or **BLK** for White or Black Trim

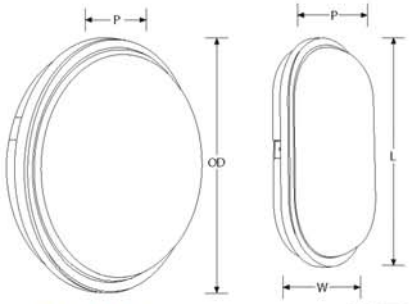
Finish Options:



White Black

EN-BH1
(P) Projection (see table)
(OD) Overall Ø (see table)

EN-BH2
(L) Length (see table)
(W) Width (see table)
(P) Projection (see table)



Technical Information

Description

Drum bulkhead fittings are the trusted workhorse commonly found in many installations. For years this traditional bulkhead has been fitted globally with energy consuming fluorescent lamps. With the UtiliteDrum™ range, you can now upgrade to maintenance free, high efficiency LED alternatives without worrying about changing the look of existing installation. Available in round or square in both black and white with emergency and microwave versions.

Features & Benefits

- IP65 polycarbonate LED bulkhead
- Life not affected by frequent switching e.g. when used with occupancy controls
- Tough IK10 polycarbonate body and diffuser for maximum impact resistance
- Opal diffuser evenly diffuses light and eliminates LED hot spots
- Wall or ceiling mounting - accessories included
- 20mm conduit side entries
- Emergency and microwave options available
- Adjustable hold time 5 seconds to 30 minutes
- Adjustable light detector from 2-50 lux
- 1.5kV surge protection
- **3 year warranty**

18 - 20W
1300 Lumens
L70 25,000 Hours

EM MS

EN-BH18S
18W Polycarbonate **IP65**
Square Drum LED Bulkhead

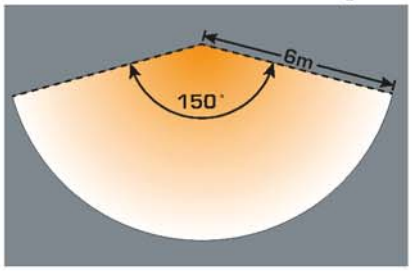
EN-BH18R
18W Polycarbonate **IP65** Round
Drum LED Bulkhead

Cat. No.	Watts	Beam	Colour	Lumens	L70 Life (hrs)	Overall [Ø]	L x W (mm)	Projection	Shape
EN-BH18S*/40	18W	120°	4000K	1300lm	25,000	-	255 x 255mm	95mm	Square
EN-BH18S*/40MS	18W	120°	4000K	1300lm	25,000	-	255 x 255mm	95mm	Square
EN-BH18S*/40EM	20W	120°	4000K	1300lm	25,000	-	255 x 255mm	95mm	Square
EN-BH18R*/40	18W	120°	4000K	1300lm	25,000	285mm	-	86mm	Round
EN-BH18R*/40MS	18W	120°	4000K	1300lm	25,000	285mm	-	86mm	Round
EN-BH18R*/40EM	20W	120°	4000K	1300lm	25,000	285mm	-	86mm	Round

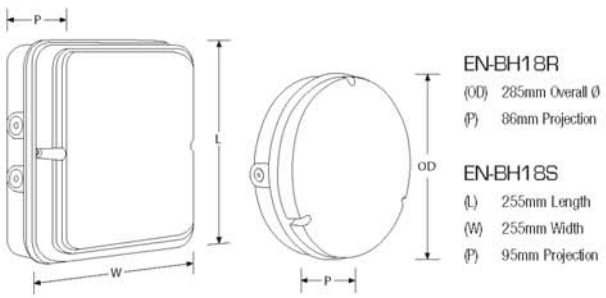
*Add suffix **W** or **BLK** for White or Black finish

Finish Options:

Microwave version detection range



Technical Information



EN-BH18R
(OD) 285mm Overall Ø
(P) 86mm Projection

EN-BH18S
(L) 255mm Length
(W) 255mm Width
(P) 95mm Projection

Description

The new look UtiliteX™ security bulkhead is compact yet tough. Now producing up to 880 lumens, they are also available with lux detecting PIR sensor. IP65 rated as standard and constructed from impact resistant polycarbonate. Available in both black and white.

Features & Benefits

- IP65 rated security bulkhead constructed from impact resistant polycarbonate
- Opal diffuser for low glare and uniform light distribution
- PIR sensor 120° detection beam range up to 5m
- Adjustable light detector from 0 to 350 lux
- Adjustable hold time 10 seconds to 3 minutes
- 1.5kV surge protection
- **3 year warranty**

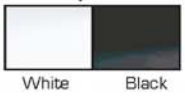
10W
880 Lumens
L70 25,000 Hours

NEW **EN-BH10PIR**
10W **IP65** LED Security Bulkhead with **PIR Sensor**

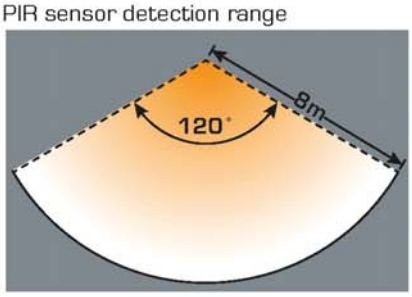
LED Bulkheads

Cat. No.	Finish	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W (mm)	Projection
PIR VERSION									
EN-BH10PIRW/40	White	10W	120°	4000K	880lm	88	25,000	300 x 150mm	84mm
EN-BH10PIRBLK/40	Black	10W	120°	4000K	880lm	88	25,000	300 x 150mm	84mm

Finish Options:

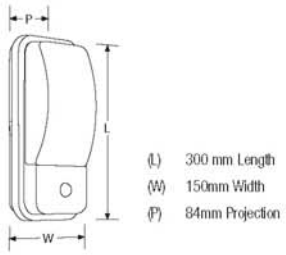


PIR sensor detection range



PIR mode selector settings for daylight and time

Technical Information



Description

Designed to last in a tough environment, the UtiliteXL™ wall pack with cast aluminium base and polycarbonate diffuser is available in standard, microwave sensor, photocell and emergency versions with black housing.

Features & Benefits

- IP65 wall pack with cast aluminium base and polycarbonate diffuser.
- IK10 rating
- Non-dimmable with integrated LED driver.
- Suitable for walkways, stairways, general amenity & security areas.
- **3 year warranty**

30W
2200 Lumens
L70 25,000 Hours

EN-WP102
100-240V **IP65** 30W LED Wall Pack

Cat. No.	Finish	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	H x W (mm)	Depth
EN-WP102*/40	Black	30W	120°	4000K	**2200lm**	**73**	25,000	310 x 265mm	122mm

*Add suffix **EM**, **MS** or **PH** for **Emergency**, **Microwave Sensor** or **Photocell** options

Technical Information

(H) 310mm Height (see table)
(W) 265mm Width (see table)
(D) 122mm Depth (see table)

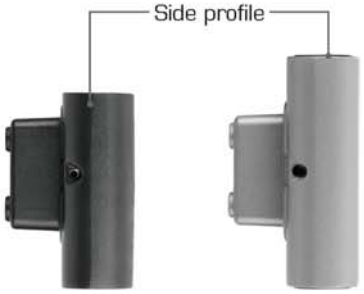
Description

Range of decorative surface mounted aluminium LED wall lights which are IP65 rated for use in a range of environments and applications. Available as a fixed down and up/down luminaire in white, black and grey finishes.

Features & Benefits

- IP65 aluminium integrated LED wall light
- IK10 rating
- High power 4000K white LEDs
- Non-dimmable integral LED driver
- **3 year warranty**

6 - 12W
up to 550 Lumens
L70 30,000 Hours



NEW **EN-WL81**
240V **IP65** Fixed Down LED Wall Light

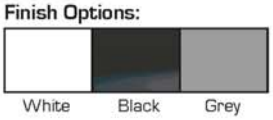
NEW **EN-WL82**
240V **IP65** Fixed Up/Down LED Wall Light

Suitable for Internal and External use

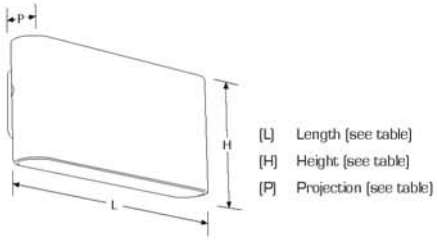
Cat. No.	Description	Watts	Colour	Lumens	L70 Life (hrs)	L x H (mm)	Projection
EN-WL81*/40	Down	6W	4000K	310lm	30,000	178 x 76mm	50mm
EN-WL82*/40	Up/down	12W	4000K	550lm	30,000	178 x 90mm	50mm

*Add suffix **W, BLK** or **G** for White, Black or Grey

Finish Options:



Technical Information



[L] Length (see table)
[H] Height (see table)
[P] Projection (see table)

Description

Professional range of GU10 wall lights, designed for use with Enlite ICE™ lamps. High quality corrosion resistant finishes for use in coastal applications. Available in down, up/down or adjustable options for different exterior lighting effects.

Features & Benefits

- EN-WDL822 & EN-WDL832 - IP65 Mains voltage 316 stainless steel wall lights
- EN-WAL541/AN - IP54 Mains voltage anodised aluminium adjustable wall light for increased corrosion resistance. Vertical adjustment of 200°
- For use with GU10 lamps - lamps not included (Max 35W)
- Screw on cover for easy lamp change
- **3 year warranty**

ENHANCE YOUR GARDEN WITH COLOURED ICE LAMPS

Lamp options see page 53

ICE LAMP

NEW **EN-WDL822** IP65
240V GU10 **IP65** Fixed Wall Light

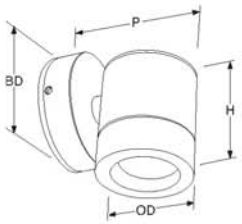
NEW **EN-WDL832** IP65
240V GU10 **IP65** Up/Down Wall Light

EN-WAL541/AN IP54
240V GU10 **IP54** Adjustable Anodised Wall Light

Suitable for Internal and External use

Cat. No.	Description	Max (W)	Overall (Ø)	Height	Projection	Base Diameter (Ø)
EN-WDL822	Down	35W	60mm	115mm	86mm	73mm
EN-WDL832	Up/down	2 x 35W	60mm	160mm	86mm	73mm
EN-WAL541/AN	Adjustable	35W	56mm	86mm	90mm	68mm

Technical Information



(H) Height (see table)
(P) Projection (see table)
(BD) Base Ø (see table)
(OD) Overall Ø (see table)

119

Description

The Enlite WallE™ adjustable and up/down wall lights are ideal for accent lighting, focusing on areas or features you want to light up. Available in 304 stainless steel or aluminium grey, white or black powder coated finishes. Fitted with a GU10 lamp holder to allow you to select the correct lamp for the application.

Features & Benefits

- IP44 Mains adjustable and up/down wall lights
- Suitable for indoor and outdoor use
- Stainless steel finish - 304 Stainless steel
- Grey, Black and White - Aluminium
- Tempered glass diffuser
- For use with GU10 lamps – lamps not included (Max 35W lamp)
- Screw on cover for easy lamp change
- **3 year warranty**†

ENHANCE YOUR GARDEN WITH COLOURED ICE LAMPS

EN-WL1
240V GU10 **IP44** Adjustable Wall Light

EN-WL2
240V GU10 **IP44** Up/Down Wall Light

Lamp options see page 53

ICE LAMP

Available in **single adjustable** and **up/down** version in multiple colours

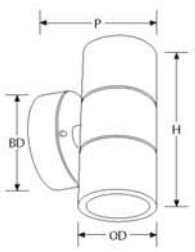
Cat. No.	Description	Max (W)	Overall (Ø)	Height	Projection	Base Diameter (Ø)
EN-WL1*	Adjustable	35W	60mm	95mm	170mm	75mm
EN-WL2*	Up/Down	2 x 35W	60mm	160mm	90mm	75mm

*Add suffix **W, BLK, G** or **SS** for White Aluminium, Black Aluminium, Grey Aluminium or Stainless Steel
304 stainless steel not suitable for coastal installations
†Warranty excludes finish

Technical Information

Finish Options:

White Aluminium | Black Aluminium | Grey Aluminium | Stainless Steel



(H) Height (see table)
(P) Projection (see table)
(BD) Base Ø (see table)
(OD) Overall Ø (see table)

WallE™

Polycarbonate LED wall lights

Description

The WallE™ range of decorative polycarbonate LED fixtures has been designed to provide subtle accent lighting in both interior and exterior applications. Available with either an opal diffuser for general lighting, or eyelid variants for pathways. The range is made of fully corrosion resistant polycarbonate, ideal for both residential, commercial and coastal applications.

Features & Benefits

- IP65 black LED wall lights
- IK10 polycarbonate body and diffuser
- Wall and ceiling mountable
- **3 year warranty**

4W
up to 300 Lumens
L70 30,000 Hours

Shown with EN-WLBZ4E bezel order separately

Shown with EN-WLBZ4S bezel order separately

Shown with EN-WLBZ4U bezel order separately

NEW **EN-WL4**
4W Polycarbonate **IP65** Square Wall Light

NEW **EN-WLBZ4E**
Eyelid Bezel Accessory for EN-WL4

NEW **EN-WL4**
4W Polycarbonate **IP65** Square Wall Light

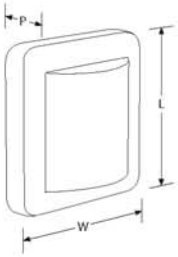
NEW **EN-WLBZ4S**
Square Bezel Accessory for EN-WL4

NEW **EN-WL4**
4W Polycarbonate **IP65** Square Wall Light

NEW **EN-WLBZ4U**
Up/Down Bezel Accessory for EN-WL4

Cat. No.	Watts	Colour	Lumens	L70 Life (hrs)	L x W (mm)	Projection
EN-WL4/30	4W	3000K	240lm	30,000	140 x 140mm	51mm
EN-WL4/40	4W	4000K	300lm	30,000	140 x 140mm	51mm
ACCESSORIES						
EN-WLBZ4E	140 x 140mm Eyelid Bezel Accessory for EN-WL4					
EN-WLBZ4S	140 x 140mm Square Bezel Accessory for EN-WL4					
EN-WLBZ4U	140 x 140mm Up/Down Bezel Accessory for EN-WL4					

Technical Information



(L) 140mm Length
(W) 140mm Width
(P) 51mm Projection

NEW **EN-WL3**
4W Polycarbonate **IP65** Round
Eyelid Wall Light

Cat. No.	Watts	Colour	Lumens	L70 Life (hrs)	Overall [Ø]	Projection
EN-WL3/30	4W	3000K	**40**lm	30,000	140mm	31mm
EN-WL3/40	4W	4000K	**43**lm	30,000	140mm	31mm

Technical Information

IP65 IK10

(P) 31mm Projection
(OD) 140mm Overall Ø

Description

Discreetly recessed, this professional IP65 walkover has loop-in loop-out connection for quick and easy installation. It can be used in-ground and in patios for domestic and commercial applications. Available in round or square.

Features & Benefits

- IP65 304 Stainless Steel walkover light, supplied with clear and optional frosted cover glasses
- Supplied with 304 bezel, 316 bezel accessory available (sold separately)
- Cut-out 76mm without mounting sleeve (supplied). Cut-out 84mm with mounting sleeve
- For use with GU10 lamps - lamps not included (Max 50W lamp)
- **3 year warranty**

ENHANCE YOUR GARDEN WITH COLOURED ICE LAMPS

Lamp options see page 53

EN-WUBZ21

EN-WUBZ22

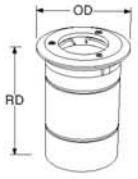
EN-WU021SS
GU10 **IP65** Fixed
Round Walkover

EN-WU022SS
GU10 **IP65** Fixed
Square Walkover

Cat. No.	Max (W)	Watts	No. of LEDs	L x W (mm)	Overall (Ø)	Cutout (Ø)	Recess Depth
EN-WU021SS	50W	-	-	-	100mm	76mm	130mm
EN-WU022SS	50W	-	-	100 x 100mm	-	76mm	130mm
ACCESSORIES							
EN-WUBZ21	316 Stainless Steel Round Bezel Accessory for EN-WU021SS						
EN-WUBZ22	316 Stainless Steel Square Bezel Accessory for EN-WU022SS						

304 stainless steel not suitable for coastal installations

Technical Information



(OD) Overall Ø (see table)
(RD) Recess Depth (see table)

Description

Fully integrated LED walkover light with individually lensed LEDs for maximum light output and uniformity. Supplied with mounting sleeve and 1m cable for simple installation.

Features & Benefits

- IP67 Mains voltage recessed LED walkover light
- Aluminium body with 316 bezel
- Integral LED driver
- Pre-wired with 1 metre of cable
- Must be used with mounting sleeve supplied
- **3 year warranty**

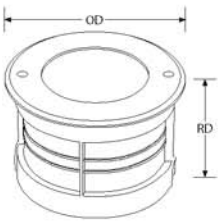
3.5 - 9W
up to 540 Lumens
L70 36,000 Hours

NEW **EN-RGL3/40**
3.5W **IP67** Fixed
LED Walkover

NEW **EN-RGL4/40**
9W **IP67** Fixed
LED Walkover

Cat. No.	Watts	No. of LEDs	Colour	Lumens	L70 Life (hrs)	Overall [Ø]	Cutout [Ø]	Recess Depth
EN-RGL3/40	3.5W	3	4000K	200lm	36,000	150mm	120mm	105mm
EN-RGL4/40	9W	9	4000K	540lm	36,000	160mm	150mm	110mm

Technical Information



(OD) Overall Ø (see table)
(RD) Recess Depth (see table)

Description

Integrated LED IP65 eyelid low level marker light, ideal for accent lighting. The aluminium eyelid adds feature lighting to stairways and walkways. Perfect for commercial and domestic applications.

Features & Benefits

- IP65 LED low level lighting
- Integrated LED driver - no separate driver required
- Pre-wired with 250mm 3 core cable
- Cut-out 58mm, recess 70mm without mounting sleeve. Cut-out 70mm, recess 80mm with mounting sleeve
- **1 year warranty**

EN-STL671W
1W **IP65** Eyelid Wall Light

Description

G-Lite™ is the Enlite range of 304 stainless steel ground walkover lights. Designed to be discreetly recessed, these ground lights can be used for pathways and patios making them perfect for domestic and commercial applications.

Features & Benefits

- IP67 Mains voltage 304 stainless steel LED ground light
- Supplied with plastic mounting sleeve
- Pre-wired with 1 metre of rubber cable
- For use with GU10 lamps – lamps not included (Max 35W lamp)
- Cut-out 85mm without mounting sleeve. Cut-out 90mm with mounting sleeve
- Max. weight 2,000kg
- **3 year warranty**

ENHANCE YOUR GARDEN WITH COLOURED ICE LAMPS

Lamp options see page 53

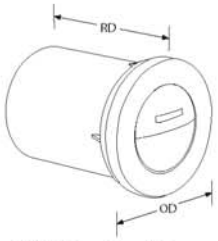
ICE LAMP

EN-RGL1
240V **IP67** Stainless Steel GU10 Recessed Ground Light

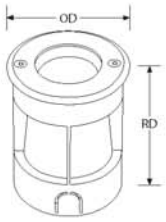
Cat. No.	Max (W)	Wattage	No. of LEDs	Lumens	Overall (Ø)	Cutout (Ø)	Recess Depth
EN-STL671W	-	1W	3	9lm	73mm	70mm	80mm
EN-RGL1	35W	-	-	-	100mm	90mm	130mm

304 stainless steel not suitable for coastal installations

Technical Information



(OD) 73mm Overall Ø
(RD) 80mm Recess Depth



(OD) 100mm Overall Ø
(RD) 130mm Recess Depth

Description

G-Lite™ is the Enlite range of 304 stainless steel ground lights. Designed to be discreetly recessed these ground lights can be used for a number of applications such as lighting up pathways and patios making them perfect for domestic and commercial applications. They can project light up to 4 ways creating up to 360° light distribution using the 4 interchangeable bezels (sold separately).

Features & Benefits

- IP67 Mains voltage 304 stainless steel LED ground light
- Supplied with plastic mounting sleeve
- The EN-RGL2 can project light up to 4 ways creating up to 360° light distribution using the 4 interchangeable bezels (sold separately)
- Pre-wired with 1 metre of rubber cable
- For use with GU10 lamps – lamps not included (Max 35W lamp)
- Cut-out 94mm without mounting sleeve. Cut-out 98mm with mounting sleeve
- **3 year warranty**

EN-RGL2
240V GU10 Recessed Ground Light mounting sleeve & body

EN-RGLC1
G-Lite™ Stainless Steel Recessed Ground Light Bezel 1 way

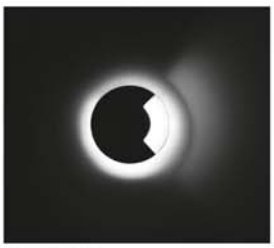
EN-RGLC2
G-Lite™ Stainless Steel Recessed Ground Light Bezel 2 way

EN-RGLC3
G-Lite™ Stainless Steel Recessed Ground Light Bezel 3 way

EN-RGLC4
G-Lite™ Stainless Steel Recessed Ground Light Bezel 4 way

Cat. No.	Max (W)	Overall (Ø)	Cutout (Ø)	Recess Depth
GROUND LIGHT				
EN-RGL2	35W	110mm	98mm	160mm
BEZELS				
EN-RGLC1	G-Lite™ Stainless Steel Recessed Ground Light Bezel 1 way			
EN-RGLC2	G-Lite™ Stainless Steel Recessed Ground Light Bezel 2 way			
EN-RGLC3	G-Lite™ Stainless Steel Recessed Ground Light Bezel 3 way			
EN-RGLC4	G-Lite™ Stainless Steel Recessed Ground Light Bezel 4 way			

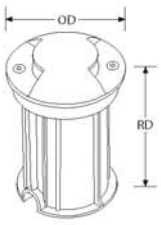
304 stainless steel not suitable for coastal installations


EN-RGLC1

EN-RGLC2

EN-RGLC3

EN-RGLC4



(OD) 110mm Overall Ø
(RD) 160mm Recess Depth

Technical Information

Description

A new addition to the M-Lite™ PRO range, these ground lights use 316 stainless steel, making them suitable for coastal areas and are also submersible. IP68 for applications including patios, wet rooms and walkways.

Features & Benefits

- IP68 low voltage 316 Stainless Steel LED marker light
- Submersible to a depth of 1 metre
- Requires a constant current LED driver (not included)
- Pre-wired with 1 metre of rubber cable
- **1 year warranty**

EN-WU682R
1W **IP68** Round LED
Marker Light

EN-WU682S
1W **IP68** Square LED
Marker Light

EN-WU673R
3W **IP68** Round LED
Marker Light

350mA OR 700mA IP Rated constant current LED Driver required. See page 142. AU-LED09IP or AU-LED709IP

1 - 3W
up to 130 Lumens
L70 10,000 Hours

Cat. No.	Watts	No. of LEDs	Colour	Lumens	No. of Fittings per driver		Overall [Ø]	Cutout [Ø]	Recess Depth	Input
					AU-LED09IP	AU-LED709IP				
EN-WU682R/30	1W	1	3000K	80lm	1-5	-	31mm	26mm	40mm	350mA
EN-WU682R/57	1W	1	5700K	80lm	1-5	-	31mm	26mm	40mm	350mA
EN-WU682R/BLU	1W	1	Blue	-	1-5	-	31mm	26mm	40mm	350mA
EN-WU682S/40	1W	1	4000K	80lm	1-5	-	30 x 30mm	26mm	40mm	350mA
EN-WU673R/30	3W	1	3000K	130lm	-	1-3	31mm	26mm	60mm	700mA
EN-WU673R/55	3W	1	5500K	130lm	-	1-3	31mm	26mm	60mm	700mA

Colour Options:

Technical Information

EXEMPT

(OD) Overall Ø (see table)
(RD) Recess Depth (see table)

Description

A new addition to the M-Lite™ PRO range, these ground lights use 316 stainless steel, making them suitable for coastal areas and are also submersible. IP68 for applications including patios, wet rooms and walkways.

Features & Benefits

- IP68 low voltage 316 stainless steel marker light
- Requires a LED driver (not included)
- Pre-wired with 3 metres of rubber cable, (1 metre rubber cable EN-WU104)
- Optional mounting sleeves available (sold separately) EN-MS50 for EN-WU106, EN-MS65 for EN-WU300
- **1 year warranty**

EN-WU104
1W **IP68** Round LED
Marker Light

EN-WU105
1W **IP68** Round LED
Marker Light

EN-WU106
1W **IP68** Round LED
Marker Light

EN-WU300
3W **IP68** Round LED
Marker Light

EN-MS50 / EN-MS65
55mm / 65mm Diameter
Mounting Sleeve Accessory

350mA constant current or 24V constant voltage IP rated LED driver required. See pages 142-143

1 - 3W up to 190 Lumens
L70 10,000 Hours

Cat. No.	Watts	No. of LEDs	Colour	Lumens	No. of Fittings per Driver		Overall [Ø]	Cutout [Ø]*	Recess Depth	Input
					AU-LED09IP	AU-LED1624IP				
EN-WU104/30	1W	1	3000K	100lm	1-5	-	40mm	32mm	50mm	350mA
EN-WU105/30	1W	1	3000K	50lm	-	10	36mm	27mm	50mm	24V
EN-WU106/30	1W	1	3000K	100lm	1-5	-	60mm	50mm	60mm	350mA
EN-WU300/30	3W	3	3000K	190lm	1-3	-	76mm	65mm	60mm	350mA

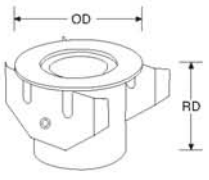
ACCESSORIES

EN-MS50	Mounting sleeve for EN-WU106
EN-MS65	Mounting sleeve for EN-WU300

*Cutout measurement without sleeve.

Technical Information

EXEMPT



(OD) Overall Ø (see table)
(RD) Recess Depth (see table)

M-Lite™

IP67 LED marker light

Description

The M-Lite™ 1W LED marker light is discreet and small in size yet powerful, making this product perfectly suited for low level or ground lighting. Ideal to light up pathways, decking areas, patios and plinth lighting.

Features & Benefits

- 240V Mains voltage 304 stainless steel LED marker light
- IP67 rated - ideal for both interior & exterior applications
- Available in warm white (3000K), cool white (4000K) and blue
- Pre-wired with 600mm of cable
- Supplied with mounting sleeve for in-ground and solid floor installation
- Cut-out 35mm without mounting sleeve. Cut-out 40mm with mounting sleeve
- 1.5kV surge protection
- **3 year warranty**

EN-ML1
240V **IP67** Stainless Steel
Marker Light

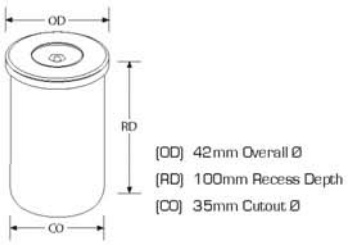
1W
up to 66 Lumens
L70 30,000 Hours

Cat. No.	Watts	Colour	Lumens	L70 Life (hrs)	Overall (Ø)	Cutout (Ø)	Recess Depth
EN-ML1/30	1W	3000K	63lm	30,000	42mm	40mm	100mm
EN-ML1/40	1W	4000K	66lm	30,000	42mm	40mm	100mm
EN-ML1/BLU	1W	Blue	-	30,000	42mm	40mm	100mm

Colour Options:

3000K 4000K Blue

Technical Information



M-Lite™ Kit

IP67 LED marker light kits

Description

Fixed stainless steel IP67 LED marker lighting pack. Ideal for interior and exterior applications, such as decking areas or low level lighting.

Features & Benefits

- Pack includes: 6 or 12 x IP67 stainless steel fixed LED marker lights with plug and play connectors. 1m cable between lights
- 1 x 5W driver for 6 pack kit
- 1 x 8W driver for 12 pack kit
- Cool operating temperature
- Non-dimmable
- **3 year warranty**

NEW **EN-DK6**
IP67 Fixed Marker Light Pack of 6

Ground Lights

3.6 - 7.2W
up to 144 Lumens
L70 50,000 Hours

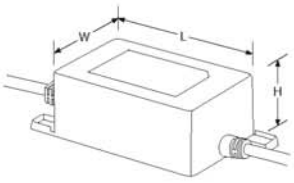
Cat. No.	Watts/Kit	Colour	Lumens/Kit	L70 Life (hrs)	Overall (Ø)	Cutout (Ø)	Recess Depth	No. of Markers
EN-DK6/30	3.6W	3000K	72lm	50,000	30mm	25mm	25mm	6
EN-DK6/40	3.6W	4000K	72lm	50,000	30mm	25mm	25mm	6
EN-DK6/BLU	3.6W	Blue	-	50,000	30mm	25mm	25mm	6
EN-DK12/30	7.2W	3000K	144lm	50,000	30mm	25mm	25mm	12
EN-DK12/40	7.2W	4000K	144lm	50,000	30mm	25mm	25mm	12
EN-DK12/BLU	7.2W	Blue	-	50,000	30mm	25mm	25mm	12

Colour Options:

3000K 4000K Blue

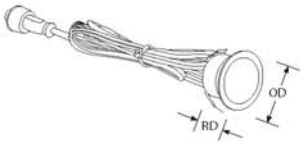
Technical Information

IP67 Inter connecting plug



EN-DK6 DRIVER
(L) 66mm Length
(W) 35mm Width
(H) 26mm Height

EN-DK12 DRIVER
(L) 82mm Length
(W) 46mm Width
(H) 29mm Height



(OD) 30mm Overall Ø
(RD) 25mm Recess Depth

Description

Adjustable stainless steel IP65 spike spotlight with 90° vertical adjustment. Spring loaded lampholder allows the fitting of a range of Enlite ICE™ Lamps for different lumen outputs and colours.

Features & Benefits

- IP65 Mains voltage adjustable 304 stainless steel spike spotlight
- Option of use with spike or as a surface mount
- 90° vertical adjustment
- For use with GU10 lamps - lamps not included (Max 35W lamp)
- Pre-wired with 1 metre of cable
- **3 year warranty**

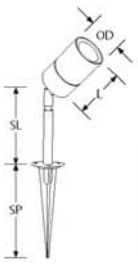
ENHANCE YOUR GARDEN WITH COLOURED ICE LAMPS

NEW **EN-SLSS1**
GU10 **IP65** Adjustable Spotlight

Cat. No.	Max (W)	Colour	Overall (Ø)	Stem Length	Spike Length	Length (mm)
EN-SLSS1	35W	Stainless Steel	60mm	157mm	173mm	95mm

304 stainless steel not suitable for coastal installations

Technical Information



(L) 95mm Length
(OD) 60mm Overall Ø
(SL) 157mm Stem Length
(SP) 173mm Spike Length

Description

The Enlite S-Lite™ spike light is perfect for garden and outdoor areas. The head can be angled up to 270° and the cowl is removable if required to suit your application needs. Supplied with a spike, which can be removed if fitting on a mounting base (sold separately).

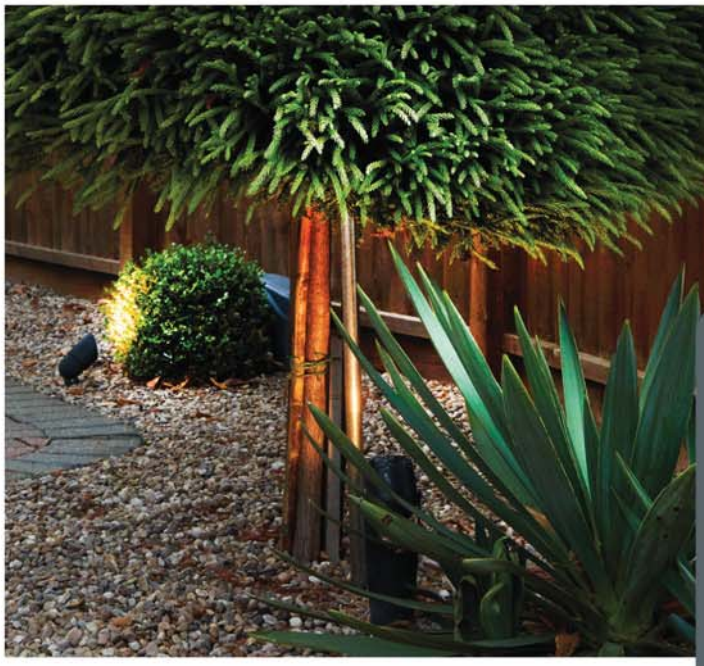
Features & Benefits

- IP65 Mains voltage adjustable black spike light
- Die-cast aluminium housing
- 180° adjustable head allows you to direct light as required
- Mounting base for floor/wall mounting (sold separately) - EN-SLM
- For use with GU10 lamps – lamps not included (Max 20W lamp)
- Pre-wired with 1 metre of rubber cable
- **3 year warranty**

ENHANCE YOUR GARDEN WITH COLOURED ICE LAMPS

EN-SL1
GU10 **IP65** Spike Light

EN-SLM
Spike Light Mounting Base



Lamp options see page 53

ICE LAMP

Cat. No.	Max (W)	Colour	Overall (Ø)	Stem Length	Spike Length	Length	Height
EN-SL1	20W	Black	90mm	73mm	210mm	153mm	-
ACCESSORIES							
EN-SLM	S-Lite™ Spike Light Mounting Base		97mm	-	-	-	47mm

Technical Information

(L) Length (see table)
(H) Height (see table)
(OD) Overall Ø (see table)
(SL) Stem Length (see table)
(SP) Spike Length (see table)

As our most versatile lighting solution, our LED strip and flex works perfectly in an array of applications and it comes as no surprise that these solutions are more in-demand than ever. As a result, we're making it even easier for you to incorporate LED strip into a lighting design scheme. Now you can receive custom lengths of our popular LED strip and flex, pre-cut to your specification.

We aim to despatch 48 hours from receipt of your order.
Please contact your local sales representative or our friendly sales team via telephone 01727 83 66 11 or email: ledstrip@enlitelighting.com or visit enlitelighting.com

LED Strip 48 Hour Cutting Service

Contact Sales Office For More Information

LEDline™PRO	LEDline™PRO	LEDline™PRO	FlexE240™	LEDline™
Super Bright/RGBW	Bright	RGB	240V Single Colour	12V Single Colour
EN-ST224 Pg.120 9.6W/m ≤1084lm/m	**EN-ST100** Pg.128 4.8W/m ≤540lm/m	**EN-ST224RGB** Pg.122 14.4W/m	IP65 **EN-STKM2/5** Pg.133 12W/m ≤700lm/m	**EN-STK5** Pg.134 4.8W/m ≤240lm/m
RGBW **EN-ST424RGBW** Pg.121 19.2W/m ≤1440lm/m	IP67 **EN-ST100IP** Pg.129 4.8W/m ≤518lm/m	IP67 **EN-ST324RGB** Pg.126 14.4W/m	RGB **EN-STKM2/5RGB** Pg.133 IP65 12W/m	RGB **EN-STK5RGB** Pg.135 7.2W/m
IP67 **EN-ST324** Pg.124 9.6W/m ≤1036lm/m		**EN-ST100RGB** Pg.130 7.2W/m		
RGBW **EN-ST524RGBW** Pg.125 IP67 19.2W/m ≤1440lm/m				

LED Strip Comparison Table

Cat. No.	Voltage	Max. Run*	Mounting	Pg.
EN-ST224	24V DC	10m	Self Adhesive	120
EN-ST424RGBW	24V DC	10m	Self Adhesive	121
EN-ST224RGB	24V DC	5m	Self Adhesive	122
EN-ST324	24V DC	10m	Adhesive & Clips	124
EN-ST524RGBW	24V DC	5m	Self Adhesive	125
EN-ST324RGB	24V DC	5m	Adhesive & Clips	126
EN-ST100	12V DC	10m	Self Adhesive	128

Cat. No.	Voltage	Max. Run*	Mounting	Pg.
EN-ST100IP	12V DC	10m	Adhesive & Clips	129
EN-ST100RGB	12V DC	5m	Self Adhesive	130
EN-STKM2/5	240V	30m	Clips	133
EN-STKM2/5RGB	240V	30m	Clips	133
EN-STK5	12V DC	5m	Self Adhesive	134
EN-STK5RGB	12V DC	5m	Self Adhesive	135

N.B. All LED strip and flex is non returnable
All LED strip / flex requires an LED driver which must be ordered separately
LEDline Kits include LED driver

Cat. No.	Description
EN-CH100	Surface Profile
EN-CH101	Surface Profile
EN-CH102	Recessed Profile
EN-CH103	Recessed Profile
EN-CH104	Corner Profile
EN-CH105	Deep Profile

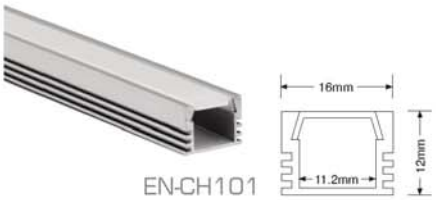
Description

Aluminium channel offers a choice of recessed, surface and corner mount options. With limitless application, the channel is ideal for use with the Enlite LED strip for living rooms, cove lighting or under counter tops.

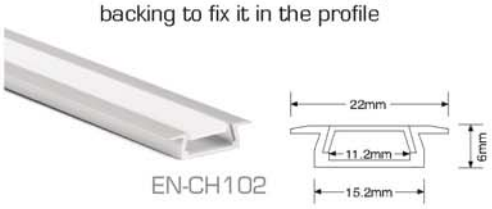
Features & Benefits

- Aluminium profiles for mounting flexible or solid LED strips up to 10.8 mm wide
- 1m and 2m standard lengths
- Available with clear or frosted diffuser covers (sold separately)
- With or without cable entry end caps (sold separately)
- Aluminium finish; anodised aluminium finish for EN-CH102 and EN-CH103
- LEDline and LEDline Pro strip has adhesive backing to fix it in the profile

EN-CH100



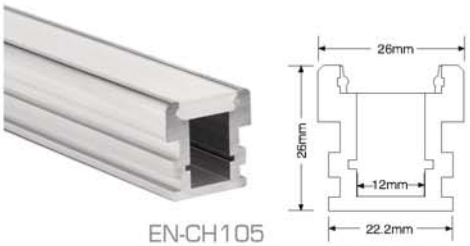
EN-CH101



EN-CH102

EN-CH103

EN-CH104

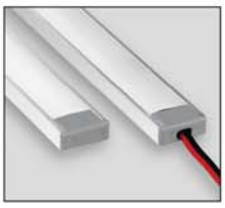


EN-CH105

LED Profile / LED Strip Compatibility

Cat. No.	ST324	ST324RGB	ST224	ST224RGB	ST100	ST100IP	ST100RGB	STK5	STK5RGB	ST424RGBW	ST524RGBW
EN-CH100	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-
EN-CH101	✓	-	✓	✓	✓	✓	✓	✓	✓	-	-
EN-CH102	✓	-	✓	✓	✓	✓	✓	✓	✓	-	-
EN-CH103	✓	-	✓	✓	✓	✓	✓	✓	✓	-	-
EN-CH104	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EN-CH105*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

*diffuser requires securing with a silicon sealant (not included).
EN-STKM2 and EN-STKM5 not compatible with channel



End Caps

With cable entry — Without cable entry

Mounting Clip

EN-CHC1 — EN-CHC2
Can be used to join profiles

Ordering Example:

EN-CH100 1 + EN-CHPC1CL 1

Aluminium Profile — Length — Diffuser Cover — Length

See table below for codes for End Caps (with and without cable entry) and Mounting Option

Cat. No.	End Cap		Mounting Option
	Without Cable Entry	With Cable Entry	Mounting Clip
EN-CH100	EN-CH100EC1	EN-CH100EC2	EN-CHC1
EN-CH101	EN-CH101EC1	EN-CH101EC2	EN-CHC1
EN-CH102	EN-CH102EC1	EN-CH102EC2	-
EN-CH103	EN-CH103EC1	EN-CH103EC2	-
EN-CH104	EN-CH104EC1	EN-CH104EC2	EN-CHC2
EN-CH105	EN-CH105EC1	EN-CH105EC2	-

Profile	Diffuser Cover
EN-CH100*	EN-CHPC1CL* (CLEAR) EN-CHPC1FR* (FROSTED)
EN-CH101*	
EN-CH102*	
EN-CH103*	
EN-CH104*	
EN-CH105*	EN-CHPC2FR* (FROSTED)

*Add suffix **1** or **2** for 1m or 2m Length
EN-CH105 Available with Frosted cover only

LEDline™ PRO

24V super bright LED strip

Description

LEDline™ PRO single colour 24V super bright LED strip is ideal for when LED strip with a higher lumen output is required. Increased brightness by using twice as many LEDs per metre than standard LED strip. Low power consumption of 9.6W per metre. Strip can be cut to length and 2m leads soldered to special order.

Features & Benefits

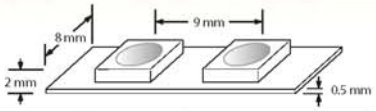
- High density single colour flexible LED strip with 3M™ self adhesive backing
- Beam angle of 120° and 9mm between LEDs, 120 LEDs per metre
- Cut points every 50mm for maximum flexibility
- Voltage drop of 4.5V per 10m and maximum run of 10m
- For runs over 10m individual lengths should be connected in parallel
- Requires 24V LED driver (sold separately)
- Reel length of 10m
- **3 year warranty**

9.6W
up to 1084 Lumens/metre
L70 35,000 Hours

NEW

EN-ST224

Flexible 24V DC Single Colour LED Strip Light

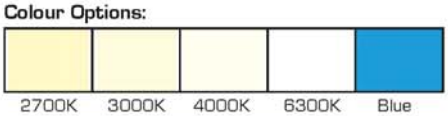


Cat. No.	Watts	No. of LEDs/m	Colour	Lumens	W x H (mm)
EN-ST224/27	9.6W	120	2700K	960lm	8 x 2mm
EN-ST224/30	9.6W	120	3000K	960lm	8 x 2mm
EN-ST224/40	9.6W	120	4000K	1027lm	8 x 2mm
EN-ST224/60	9.6W	120	6300K	1084lm	8 x 2mm
EN-ST224/BLU	9.6W	120	Blue	-	8 x 2mm

ACCESSORIES

EN-ST224A	Single Colour Strip Connector
EN-ST224B	Single Colour Wired Strip Connector
EN-ST224C	Single Colour Inter-Connection Strip Connector

Colour Options:



Cat. No.	Description	Metres per driver
LED DRIVERS		
AU-LED1624CV	16W Non-Dimmable 24V Constant Voltage Driver	1m
AU-LED2524CV	25W Non-Dimmable 24V Constant Voltage Driver	2m
AU-LED5024CV	50W Non-Dimmable 24V Constant Voltage Driver	5m
AU-LEDD9024	90W IP67 Dimmable 24V Constant Voltage Driver	9m
AU-ELG-100-24	100W IP67 Non-Dimmable 24V Constant Voltage Driver	10m

CUT AT INDICATED CUT POINTS

EN-ST224A

EN-ST224B

EN-ST224C

For 24V drivers see pg.143

Technical Information

CRI 80

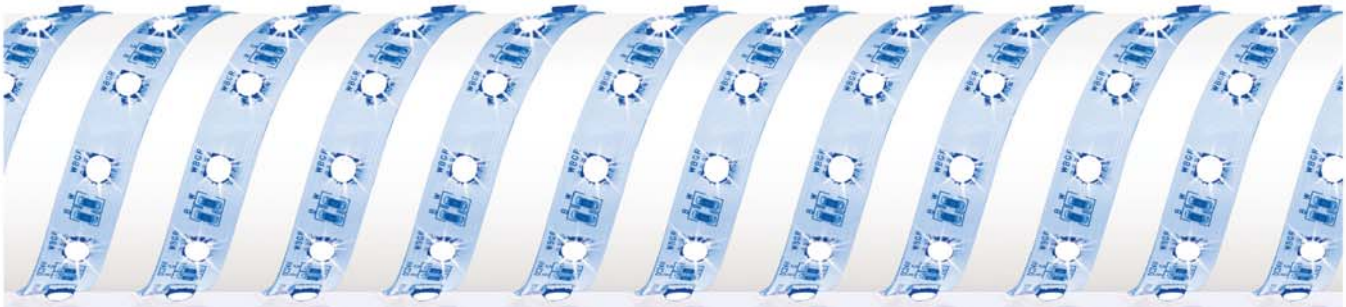
Description

LEDline™ PRO RGBW colour changing 24V super bright LED strip is ideal for when LED strip with a higher lumen output is required. The option of RGBW helps the user choose between colour changing or offering a pure white finish all in one strip. Increased brightness by using twice as many LEDs per metre than standard LED strip. RGBW 4 in 1 LEDs allows for programmable settings including static colours, colour changing and pure white modes. Maximum power consumption of 19.2W per metre. Strip can be cut to length and 2m leads soldered to special order.

Features & Benefits

- High density RGBW colour changing flexible LED strip with 3M™ self adhesive backing
- 3000K or 4000K true white options
- Beam angle of 120° and 17mm between LEDs, 60 LEDs per metre
- Cut points every 100mm for maximum flexibility
- Voltage drop of 5V per 5m and maximum run of 5m
- For runs over 5m individual lengths should be connected in parallel
- Requires 24V LED driver (sold separately)
- Reel length of 5m
- **3 year warranty**

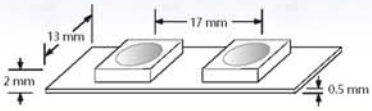
19.2W 1440 Lumens/metre
L70 35,000 Hours



NEW

EN-ST424RGBW
Flexible 24V DC RGBW Colour Changing LED Strip Light

RGBW



4 IN 1 CHIP

Cat. No.	Watts	No. of LEDs/m	Colour	lm/m	W x H (mm)
EN-ST424RGBW/30	19.2W	60	3000K	1440lm	13 x 2mm
EN-ST424RGBW/40	19.2W	60	4000K	1440lm	13 x 2mm

CUT AT INDICATED CUT POINTS

Cat. No.	Description	Metres per driver
LED DRIVERS		
AU-LED2524CV	25W Non-Dimmable 24V Constant Voltage Driver	1m
AU-LED5024CV	50W Non-Dimmable 24V Constant Voltage Driver	2m
AU-LEDD9024	90W IP67 Dimmable 24V Constant Voltage Driver	4m
AU-ELG-100-24	100W IP67 Non-Dimmable 24V Constant Voltage Driver	5m

For 24V drivers see pg.143

AU-DMXRGBC
DMX RGB/RGBW Controller

AU-DMX1500
150W DMX RGB/RGBW 4 Channel Controller

See pg.146 For 150W DMX controller and wiring diagram

RGBW Controller Features

- Glass touch colour control wheel for simple colour selection
- Brightness control for smooth dimming
- Colour change mode with variable speed setting
- Memory settings to save user defined colour
- Requires a 24V DC Power supply, not included
- Use to control up to 30 AU-DMX1500

Technical Information

CRI 80

RGBW Colour Changing

Description

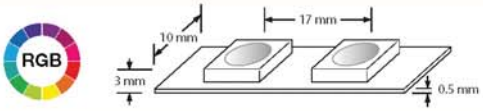
LEDline™ PRO RGB colour 24V super bright LED strip is ideal for when LED strip with a higher lumen output is required. Increased brightness by using twice as many LEDs per metre than standard LED strip. RGB LEDs allows for programmable settings including static colours and colour changing modes. Low power consumption of 14.4W per metre. Strip can be cut to length and 2m leads soldered to special order.

Features & Benefits

- High density colour changing flexible LED strip with 3M™ self adhesive backing
- Beam angle of 120° and 17mm between LEDs, 60 LEDs per metre
- Cut points every 100mm for maximum flexibility
- Maximum run of 5m
- For runs over 5m individual lengths should be connected in parallel
- Requires 24V LED driver (sold separately)
- Reel length of 10m
- **3 year warranty**

14.4W RGB
L70 35,000 Hours

NEW **EN-ST224RGB**
Flexible 24V DC **Colour Changing** LED Strip Light



Cat. No.	Colour	Watts	No. of LEDs/m	lm/m	W x H (mm)
EN-ST224RGB	RGB	14.4W	60	-	10 x 3mm
ACCESSORIES					
EN-STRGBA	RGB Strip Connector				
EN-STRGBB	RGB Wired Strip Connector				
EN-STRGBC	RGB Inter-Connection Strip Connector				

Cat. No.	Description	Metres per driver
LED Drivers		
AU-LED5024CV	50W Non-Dimmable 24V Constant Voltage Driver	3m
AU-ELG-100-24	100W IP67 Non-Dimmable 24V Constant Voltage Driver	6m
AU-ELG-150-24	150W IP67 Non-Dimmable 24V Constant Voltage Driver	10m
AU-ELG-200-24	200W IP67 Non-Dimmable 24V Constant Voltage Driver	13m
AU-RSP-320-24	320W Non-Dimmable 24V Constant Voltage LED Driver	22m

Technical Information

RGB Colour Changing

CUT AT INDICATED CUT POINTS

EN-STRGBA

EN-STRGBB

EN-STRGBC

For 24V drivers see pg.143

AU-DMXRGBC

DMX RGB/RGBW Controller

Control Option 1

RGB Controller Features

- Glass touch colour control wheel for simple colour selection
- Brightness control for smooth dimming
- Colour change mode with variable speed setting
- Memory settings to save user defined colour
- Requires a 12V or 24V DC supply (not included)
- Use to control AU-DMX060, AU-DMX090 or AU-DMX1500

AU-RGB1224A

12V - 24V RGB Controller

Control Option 3

See pg.146 for RGB Controller

RGB Controller Features

- Suitable for control of 12V or 24V DC RGB LED strip
- Output Wattage: 12V: <216W, 24V: <432W
- 18 Preset colour changing functions
- Precise touch colour selection wheel
- Adjustable brightness and colour change speed
- Remote control with 1m range (3 x AAA batteries required)

Technical Information

AU-DMXCS03

DMX Master Controller

Control Option 2

See pg.146 for DMX control switch

RGB Controller Features

- DMX control switch allows control of colour changing RGB strip
- Three switches to select colour, dim / fade and 12 programmes including light to sound activation using the built-in microphone
- Single static colour can be manually mixed and dimmed
- Colour changing time delay (5 seconds - 60 minutes) and fade speed (smooth fade or switching between colours) can be altered to suit the application
- Use to control up to 30 x AU-DMX060 or AU-DMX090 RGB controllers
- Includes DMX power supply
- Fits a 35mm deep (minimum) 2 gang surface or recessed mounting box

AU-DMX060/AU-DMX090

60W / 90W DMX RGB Controller

See pg.146 for 60W/90W DMX controller and wiring diagram

DMX Controller Features

- DMX colour change interface suitable for the control of RGB LED strip
- Maximum load: AU-DMX060 60W, AU-DMX090 90W
- Up to 30 units may be controlled by 1 x AU-DMXCS03 or AU-DMXRGBC control switch to allow the synchronised control of multiple RGB loads
- Can control 12V & 24V DC RGB products
- Additional 12V or 24V DC constant voltage LED driver required

LEDline™ PRO

24V IP67 super bright LED strip

Description

LEDline™ PRO single colour 24V IP67 super bright LED strip is ideal for when LED strip with a higher lumen output is required in wet environments and external applications. Increased brightness by using twice as many LEDs per metre than standard LED strip. Low power consumption of 9.6W per metre. Strip can be cut to length and 2m leads soldered to special order.

Features & Benefits

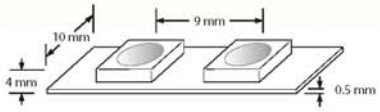
- High density IP67 single colour flexible LED strip with 3M™ self adhesive backing
- Beam angle of 120° and 9mm between LEDs, 120 LEDs per metre
- Cut points every 50mm for maximum flexibility
- Voltage drop of 4.5V per 5m and maximum run of 10m
- For runs over 10m individual lengths should be connected in parallel
- Any joints or termination points are maximum IP65 rated
- Requires 24V LED driver (sold separately)
- Reel length of 10m
- **3 year warranty**

9.6W up to 1036 Lumens/metre
L70 35,000 Hours

NEW

EN-ST324

Flexible 24V DC Single Colour **IP67** LED Strip Light

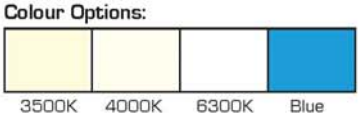


Cat. No.	Watts	No. of LEDs/m	Colour	Lumens	W x H (mm)
EN-ST324/30	9.6W	120	3500K	950lm	10 x 4mm
EN-ST324/40	9.6W	120	4000K	988lm	10 x 4mm
EN-ST324/60	9.6W	120	6300K	1036lm	10 x 4mm
EN-ST324/BLU	9.6W	120	Blue	-	10 x 4mm

ACCESSORIES

EN-STIPCK	IP68 Strip Connector Kit

Colour Options:



3500K 4000K 6300K Blue

CUT AT INDICATED CUT POINTS

EN-STIPCK

Kit Includes

- 2 power leads
- 2 end caps
- 4 heat shrink sleeves
- 1 tube of sealant
- 6 fixing clips
- 12 fixing screws

Requires soldering

Cat. No.	Description	Metres per driver
LED DRIVERS		
AU-LED2524CV	25W Non-Dimmable 24V Constant Voltage Driver	2m
AU-LED5024CV	50W Non-Dimmable 24V Constant Voltage Driver	5m
AU-LEDD9024	90W IP67 Dimmable 24V Constant Voltage Driver	9m
AU-ELG-100-24	100W IP67 Non-Dimmable 24V Constant Voltage Driver	10m
AU-ELG-150-24	150W IP67 Non-Dimmable 24V Constant Voltage Driver	15m
AU-ELG-200-24	200W IP67 Non-Dimmable 24V Constant Voltage Driver	20m

For 24V drivers see pg.144

Technical Information

Description

LEDline™ PRO RGBW colour changing 24V IP67 super bright LED strip is ideal for when LED strip with a higher lumen output is required in wet environments and external applications. The option of RGBW helps the user choose between colour changing or offering a pure white finish all in one strip. Increased brightness by using twice as many LEDs per metre than standard LED strip. RGBW 4 in 1 LEDs allows for programmable settings including static colours, colour changing and pure white modes. Maximum power consumption of 19.2W per metre. Strip can be cut to length and 2m leads soldered to special order.

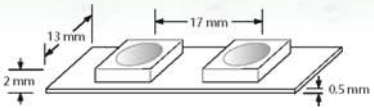
Features & Benefits

- High density IP67 RGBW colour changing flexible LED strip with self adhesive backing
- Beam angle of 120° and 17mm between LEDs, 60 LEDs per metre
- Cut points every 100mm for maximum flexibility
- Voltage drop of 5V per 5m and maximum run of 5m
- For runs over 5m individual lengths should be connected in parallel
- Requires 24V LED driver (sold separately)
- Reel length of 5m
- **3 year warranty**

19.2W 1440 Lumens/metre
L70 35,000 Hours

NEW **EN-ST524RGBW**
Flexible 24V DC RGBW Colour Changing **IP67** LED Strip Light

RGBW



4 IN 1 CHIP

Cat. No.	Watts	No. of LEDs/m	Colour	lm/m	W x H (mm)
EN-ST524RGBW/30	19.2W	60	3000K	1440lm	13 x 2mm
EN-ST524RGBW/40	19.2W	60	4000K	1440lm	13 x 2mm

CUT AT INDICATED CUT POINTS

LED DRIVERS

AU-LED2524CV	25W Non-Dimmable 24V Constant Voltage Driver	1m
AU-LED5024CV	50W Non-Dimmable 24V Constant Voltage Driver	2m
AU-LEDD9024	90W IP67 Dimmable 24V Constant Voltage Driver	4m
AU-ELG-100-24	100W IP67 Non-Dimmable 24V Constant Voltage Driver	5m

For 24V drivers see pg.143

AU-DMXRGBC
DMX RGB/RGBW Controller

AU-DMX1500
150W DMX RGB/RGBW 4 Channel Controller

See pg.146 For 150W DMX controller and wiring diagram

RGB Controller Features

- Glass touch colour control wheel for simple colour selection
- Brightness control for smooth dimming
- Colour change mode with variable speed setting
- Memory settings to save user defined colour
- Requires 12V or 24V DC supply
- Use to control AU-DMX1500

Technical Information

CRI 80 | IP67

RGBW Colour Changing

LEDline™ PRO 24V RGB IP67 super bright LED strip

Description

LEDline™ PRO RGB colour 24V IP67 super bright LED strip is ideal for when LED strip with a higher lumen output is required in wet environments and external applications. Increased brightness by using twice as many LEDs per metre than standard LED strip. RGB LEDs allow for programmable settings including static colours and colour changing modes. Low power consumption of 14.4W per metre. Strip can be cut to length and 2m leads soldered to special order.

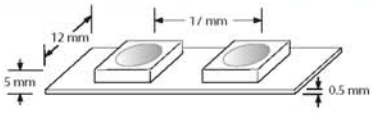
Features & Benefits

- High density IP67 colour changing flexible LED strip with 3M™ self adhesive backing
- Beam angle of 120° and 17mm between LEDs, 60 LEDs per metre
- Cut points every 100mm for maximum flexibility
- Maximum run of 5m
- For runs over 5m individual lengths should be connected in parallel
- Any joints or termination points are maximum IP65 rated
- Requires 24V LED driver (sold separately)
- Reel length of 10m
- **3 year warranty**

14.4W RGB
L70 35,000 Hours

NEW

EN-ST324RGB
Flexible 24V DC Colour changing **IP67** LED Strip Light



Cat. No.	Watts	No. of LEDs/m	Colour	lm/m	W x H (mm)
EN-ST324RGB	14.4W	60	RGB	-	12 x 5mm
ACCESSORIES					
EN-STRGBCK	RGB Strip Connector Kit				

CUT AT INDICATED CUT POINTS

EN-STRGBCK

Kit Includes
- 2 power leads
- 2 end caps
- 4 heat shrink sleeves
- 1 tube of sealant
- 6 fixing clips
- 12 fixing screws

Requires soldering

Cat. No.	Description	Metres per driver
LED Drivers		
AU-LED5024CV	50W Non-Dimmable 24V Constant Voltage Driver	3m
AU-ELG-100-24	100W IP67 Non-Dimmable 24V Constant Voltage Driver	6m
AU-ELG-150-24	150W IP67 Non-Dimmable 24V Constant Voltage Driver	10m
AU-ELG-200-24	200W IP67 Non-Dimmable 24V Constant Voltage Driver	13m
AU-RSP-320-24	320W Non-Dimmable 24V Constant Voltage LED Driver	22m

For 24V drivers see pg.144

Technical Information

RGB Colour Changing

AU-DMXRGBC

DMX RGB/RGBW Controller

Control Option 1

RGB Controller Features

- Glass touch colour control wheel for simple colour selection
- Brightness control for smooth dimming
- Colour change mode with variable speed setting
- Memory settings to save user defined colour
- Requires a 12V or 24V DC supply (not included)
- Use to control AU-DMX060, AU-DMX090 or AU-DMX1500

AU-RGB1224A

12V - 24V RGB Controller

See pg.146 for RGB Controller

Control Option 3

RGB Controller Features

- Suitable for control of 12V or 24V DC RGB LED strip
- Output Wattage: 12V: <216W, 24V: <432W
- 18 Preset colour changing functions
- Precise touch colour selection wheel
- Adjustable brightness and colour change speed
- Remote control with 1m range (3 x AAA batteries required)

Technical Information

AU-DMXCS03

DMX Master Controller

See pg.146 for DMX control switch

Control Option 2

RGB Controller Features

- DMX control switch allows control of colour changing RGB strip
- Three switches to select colour, dim / fade and 12 programmes including light to sound activation using the built-in microphone
- Single static colour can be manually mixed and dimmed
- Colour changing time delay (5 seconds - 60 minutes) and fade speed (smooth fade or switching between colours) can be altered to suit the application
- Use to control up to 30 x AU-DMX060 or AU-DMX090 RGB controllers
- Includes DMX power supply
- Fits a 35mm deep (minimum) 2 gang surface or recessed mounting box

AU-DMX060/AU-DMX090

60W / 90W DMX RGB Controller

See pg.146 for 60W/90W DMX controller and wiring diagram

DMX Controller Features

- DMX colour change interface suitable for the control of RGB LED strip
- Maximum load: AU-DMX060 60W, AU-DMX090 90W
- Up to 30 units may be controlled by 1 x AU-DMXCS03 or AU-DMXRGBC control switch to allow the synchronised control of multiple RGB loads
- Can control 12V & 24V DC RGB products
- Additional 12V or 24V DC constant voltage LED driver required

Description

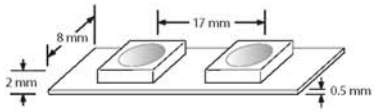
LEDline™ PRO single colour LED strip is ideal for both commercial and residential indoor applications such displays and pelmets. Low power consumption of 4.8W per metre. Strip can be cut to length and 2m leads soldered to special order.

Features & Benefits

- Single colour flexible LED strip with 3M™ self adhesive backing
- Beam angle of 120° and 17mm between LEDs, 60 LEDs per metre
- Cut points every 100mm for maximum flexibility
- Voltage drop of 4V per 10m and maximum run of 10m
- For runs over 10m individual lengths should be connected in parallel
- Requires 12V LED driver (sold separately)
- Reel length 10m
- **3 year warranty**

4.8W
up to 540 Lumens/metre
L70 35,000 Hours

NEW **EN-ST100**
Flexible 12V DC Single Colour LED Strip Light

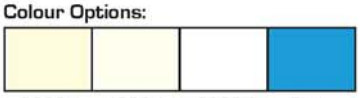


Cat. No.	Watts	No. of LEDs/m	Colour	Lumens	W x H (mm)
EN-ST100/30	4.8W	60	3000K	480lm	8 x 2mm
EN-ST100/40	4.8W	60	4000K	515lm	8 x 2mm
EN-ST100/60	4.8W	60	6300K	540lm	8 x 2mm
EN-ST100/BLU	4.8W	60	Blue	-	8 x 2mm

ACCESSORIES

EN-ST100A	Single Colour Strip Connector
EN-ST100B	Single Colour Wired Strip Connector
EN-ST100C	Single Colour Inter-Connection Strip Connector

Colour Options:



CUT AT INDICATED CUT POINTS

EN-ST100A

EN-ST100B

EN-ST100C

Cat. No.	Description	Metres per driver
LED DRIVERS		
AU-LED1012CV	10W Non-Dimmable 12V Constant Voltage Driver	1m
AU-LED2512CV	25W Non-Dimmable 12V Constant Voltage Driver	5m
AU-LED5012CV	50W Non-Dimmable 12V Constant Voltage Driver	10m
AU-LEDD9012	90W IP67 Dimmable 12V Constant Voltage Driver	18m
AU-LED10012CV	2 x 50W IP67 Non-Dimmable 12V Constant Voltage Driver	20m

FOR 12V DRIVERS SEE PG.142

Technical Information

CRI 80

Description

LEDline™ PRO single colour IP67 LED strip is ideal for wet environments and external applications. Low power consumption of 4.8W per metre. Strip can be cut to length and 2m leads soldered to special order.

Features & Benefits

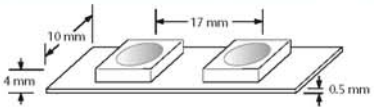
- Single colour flexible IP67 LED strip with 3M™ self adhesive backing
- Beam angle of 120° and 17mm between LEDs, 60 LEDs per metre
- Cut points every 50mm for maximum flexibility
- Voltage drop of 4V per 10m and maximum run of 10m
- For runs over 10m individual lengths should be connected in parallel
- Any joints or termination points are maximum IP65 rated
- Requires 12V LED driver (sold separately)
- Reel length 10m
- **3 year warranty**

4.8W
up to 518 Lumens/metre
L70 35,000 Hours

NEW

EN-ST100IP

Flexible 12V DC Single Colour **IP67** LED Strip Light

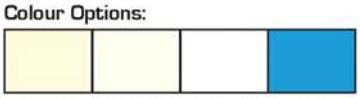


Cat. No.	Watts	No. of LEDs/m	Colour	lm/m	W x H (mm)
EN-ST100IP/30	4.8W	60	3500K	475lm	10 x 4mm
EN-ST100IP/40	4.8W	60	4000K	494lm	10 x 4mm
EN-ST100IP/60	4.8W	60	6300K	518lm	10 x 4mm
EN-ST100IP/BLU	4.8W	60	Blue	-	10 x 4mm

ACCESSORIES

EN-STIPCK	IP68 Strip Connector Kit

Colour Options:



CUT AT INDICATED CUT POINTS

EN-STIPCK

Kit Includes

- 2 power leads
- 2 end caps
- 4 heat shrink sleeves
- 1 tube of sealant
- 6 fixing clips
- 12 fixing screws

Requires soldering

Cat. No.	Description	Metres per driver
LED DRIVERS		
AU-LED1012CV	10W Non-Dimmable 12V Constant Voltage Driver	1m
AU-LED2512CV	25W Non-Dimmable 12V Constant Voltage Driver	5m
AU-LED5012CV	50W Non-Dimmable 12V Constant Voltage Driver	10m
AU-LEDD9012	90W IP67 Dimmable 12V Constant Voltage Driver	18m
AU-LED10012CV	2 x 50W IP67 Non-Dimmable 12V Constant Voltage Driver	20m

FOR 12V DRIVERS SEE PG.142

Technical Information

CRI 80

Description

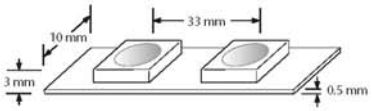
LEDline™ PRO RGB colour changing LED strip is ideal for both commercial and residential indoor applications such displays and pelmets. RGB LEDs allow for programmable settings including static colours and colour changing modes. Low power consumption of 7.2W per metre. Strip can be cut to length and 2m leads soldered to special order.

Features & Benefits

- Colour changing flexible RGB LED strip with 3M™ self adhesive backing
- Beam angle of 120° and 33mm between LEDs
- Cut points every 100mm for maximum flexibility
- Maximum run of 5m
- For runs over 5m individual lengths should be connected in parallel
- Reel length of 5m
- Requires 12V LED driver (sold separately)
- **3 year warranty**

7.2W RGB
L70 35,000 Hours

NEW **EN-ST100RGB**
Flexible 12V DC **Colour Changing** LED Strip Light



Cat. No.	Colour	Watts	No. of LEDs/m	Lumens	W x H (mm)
EN-ST100RGB	RGB	7.2W	30	-	10 x 3mm
ACCESSORIES					
EN-STRGBA	RGB Strip Connector				
EN-STRGBB	RGB Wired Strip Connector				
EN-STRGBC	RGB Inter-Connection Strip Connector				

CUT AT INDICATED CUT POINTS

EN-STRGBA

EN-STRGBB

EN-STRGBC

Cat. No.	Description	Metres per driver
LED DRIVERS		
AU-LED1012CV	10W Non-Dimmable 12V Constant Voltage Driver	1m
AU-LED2512CV	25W Non-Dimmable 12V Constant Voltage Driver	3m
AU-LED5012CV	50W Non-Dimmable 12V Constant Voltage Driver	5m
AU-LEDD9012	90W IP67 Dimmable 12V Constant Voltage Driver	12m
AU-LED10012CV	2 x 50W IP67 Non-Dimmable 12V Constant Voltage Driver	13m

Technical Information

RGB Colour Changing

For 12V drivers see pg.142

AU-DMXRGBC

DMX RGB/RGBW Controller

Control Option 1

RGB Controller Features

- Glass touch colour control wheel for simple colour selection
- Brightness control for smooth dimming
- Colour change mode with variable speed setting
- Memory settings to save user defined colour
- Requires a 12V or 24V DC supply (not included)
- Use to control AU-DMX060, AU-DMX090 or AU-DMX1500

AU-RGB1224A

12V - 24V RGB Controller

Control Option 3

See pg.146 for RGB Controller

RGB Controller Features

- Suitable for control of 12V or 24V DC RGB LED strip
- Output Wattage: 12V: <216W, 24V: <432W
- 18 Preset colour changing functions
- Precise touch colour selection wheel
- Adjustable brightness and colour change speed
- Remote control with 1m range (3 x AAA batteries required)

Technical Information

AU-DMXCS03

DMX Master Controller

Control Option 2

See pg.146 for DMX control switch

RGB Controller Features

- DMX control switch allows control of colour changing RGB strip
- Three switches to select colour, dim / fade and 12 programmes including light to sound activation using the built-in microphone
- Single static colour can be manually mixed and dimmed
- Colour changing time delay (5 seconds - 60 minutes) and fade speed (smooth fade or switching between colours) can be altered to suit the application
- Use to control up to 30 x AU-DMX060 or AU-DMX090 RGB controllers
- Includes DMX power supply
- Fits a 35mm deep (minimum) 2 gang surface or recessed mounting box

AU-DMX060/AU-DMX090

60W / 90W DMX RGB Controller

See pg.146 for 60W/90W DMX controller and wiring diagram

DMX Controller Features

- DMX colour change interface suitable for the control of RGB LED strip
- Maximum load: AU-DMX060 60W, AU-DMX090 90W
- Up to 30 units may be controlled by 1 x AU-DMXCS03 or AU-DMXRGBC control switch to allow the synchronised control of multiple RGB loads
- Can control 12V & 24V DC RGB products
- Additional 12V or 24V DC constant voltage LED driver required

FlexE240™

Interconnectable, encased in a silicon weatherproof IP65 rated jacket

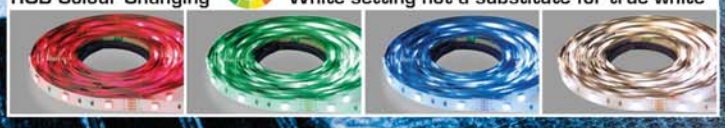
IP65 FULLY FLEXIBLE SILICON LED STRIP

INTERIOR & EXTERIOR ACCENT LIGHTING

RGB Colour Changing

RGB

White setting not a substitute for true white



FlexE240™ 240V IP65 interconnectable LED strip

Description

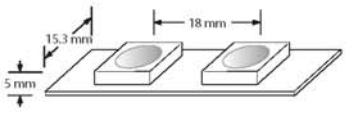
The FlexE240™ mains 240V LED strip kits are ideal for all interior and exterior accent lighting applications. Each strip is encased in a flexible IP65 silicon jacket for maximum weather protection. The interconnectable ends allow for lengths up to 30 metres to be joined together - perfect to create stunning interior, garden, landscape, and architectural lighting. Available in two kit lengths and a range of colour temperatures including RGB, for optimum scene creation.

Features & Benefits

- IP65 rated LED strip - perfect for interior & exterior applications (not cuttable)
- IP65 rated plug and play connections allow for easy customisation
- Mains voltage power allows for long length runs to be interconnected (max single run 30 metres)
- Power lead supplied separately for installation flexibility
- Infrared remote and controller supplied as part of RGB power lead kit
- Mounting clips supplied with strip pack
- 1kV surge protection
- **3 year warranty**

24 - 60W
700 Lumens/metre
L70 25,000 Hours

EN-STKM5
5m Mains 240V **IP65**
Interconnectable LED Strip Kit



2m/5m single colour or **RGB** LED strip pack

EN-STPUK
Standard mains cable power lead

EN-STPRGBUK
RGB controller, infrared remote, mains power lead

Colour Options:

Cat. No.	Watts	No. of LEDs/m	Colour	lm/m	W x H (mm)
2 METRE					
EN-STKM2/30	24W	60	3000K	700	15.3 x 5mm
EN-STKM2/40	24W	60	4000K	700	15.3 x 5mm
EN-STKM2/BLU	24W	60	Blue	-	
5 METRE					
EN-STKM5/30	60W	60	3000K	700	15.3 x 5mm
EN-STKM5/40	60W	60	4000K	700	15.3 x 5mm
EN-STKM5/BLU	60W	60	Blue	-	
2 METRE RGB					
EN-STKM2/RGB	24W	60	RGB	-	15.3 x 5mm
5 METRE RGB					
EN-STKM5/RGB	60W	60	RGB	-	15.3 x 5mm
ACCESSORIES					
EN-STPUK	FlexE240™ Mains Voltage Strip Power Lead				
EN-STPRGBUK	FlexE240™ Mains Voltage RGB Strip Power Lead				

IP65 plug and play connections join for longer run lengths

Technical Information

LEDline™

12V single colour cuttable LED strip kit

Description

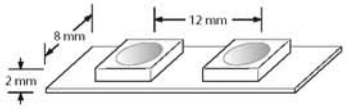
LEDline™ cuttable 12V single colour LED strip kit is an ideal solution for discreet accent lighting of applications such as undercabinet, pelmet, display, cupboard, sign and other recessed areas that need highlighting.

Features & Benefits

- Cuttable single colour flexible 5m LED strip kit
- Ideal for indoor use in various applications including accent, undercabinet, pelmet, signs and display lighting
- Available in 3000K, 4000K and Blue colour temperatures
- 3M™ self adhesive backing on rear for easy fixing and installation
- Cut points every 50mm
- Plug and power lead included in kit
- **3 year warranty**

24W
up to 240 Lumens/metre
L70 25,000 Hours

EN-STK5
5m 12V Single Colour Cuttable LED Strip Kit



Kit includes:

5m LED strip | LED driver | Lead for Plug & Play

Cat. No.	Watts	No. of LEDs/m	Colour	lm/m	W x H (mm)
5 METRE					
EN-STK5/30	24W	60	3000K	220	8 x 2mm
EN-STK5/40	24W	60	4000K	240	8 x 2mm
EN-STK5/BLU	24W	60	Blue	-	8 x 2mm

Colour Options:

3000K 4000K Blue

Technical Information

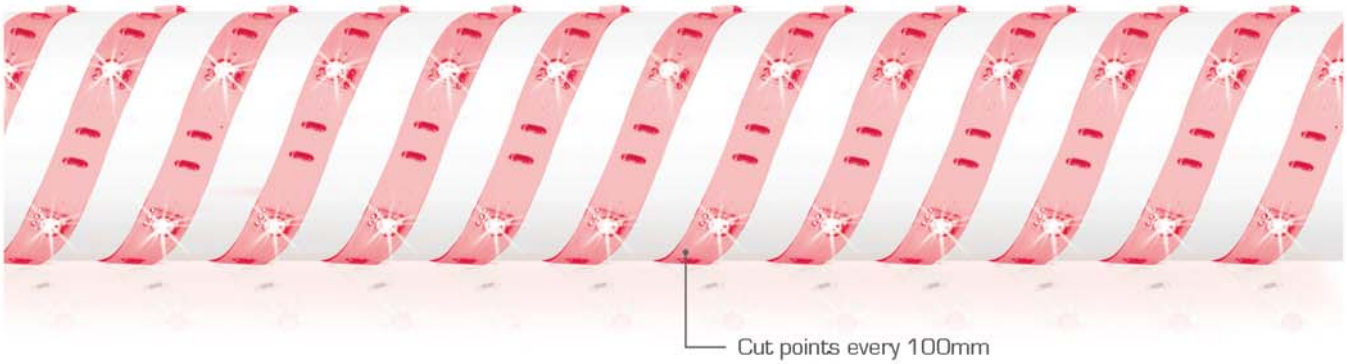
Description

LEDline™ cuttable 12V colour changing LED strip kit is an ideal solution for discreet accent lighting of applications such as undercabinet, pelmet, displays, cupboards, signs and other recessed areas that need highlighting.

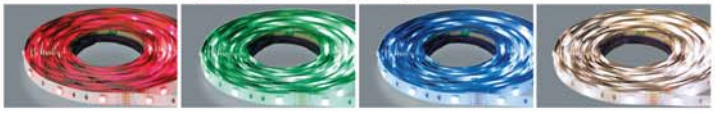
Features & Benefits

- Cuttable RGB colour changing flexible 5m LED strip kit
- White colour setting not a true substitute for true white
- Suitable for a variety of indoor applications where different colour schemes are needed within a space
- 3M™ self adhesive backing on rear for easy fixing and installation
- Cut points every 100mm
- Plug and power lead included in kit
- **3 year warranty**

36W RGB
L70 25,000 Hours



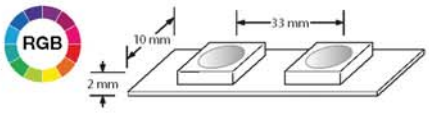
RGB Colour Changing RGB White setting not a substitute for true white



Kit includes:

5m RGB LED strip | LED driver | Lead for Plug & Play | RGB controller | Infrared remote

EN-STK5RGB
5m 12V RGB Cuttable LED Strip Kit



Cat. No.	Watts	No. of LEDs/m	Colour	W x H (mm)
5 METRE				
EN-STK5RGB	36W	30	RGB	10 x 2mm

Technical Information

Blade™

Linear interconnectable undercabinet LED striplight

Description

The slim profile, undercabinet light bar Blade™ can be adapted to suit the application. With multiple configurations, lengths can be connected using the link leads or the connectors making it ideal for use in kitchens, display cabinets and wardrobes. LED light points are eliminated by the frosted diffuser creating an even light distribution. Easy to install using the plug in power lead and a 12V LED driver.

Features & Benefits

- Benefit from longer life and higher energy savings compared to traditional T4 & T5 fluorescent fittings
- Suitable for mounting under, in or above kitchen cabinets, shelves, display cabinets, bookcases etc
- Power and interconnection leads supplied separately for added customisation
- Fittings can be used on their own, connected end to end, connected with the corner bar or using interconnection leads (maximum run of 2 metres)
- Plug and play PIR sensor available as an accessory
- PIR detection distance up to 1m, detection range 60°. Time lag can be adjusted to 1 minute or 5 minutes, distance and sensitivity can also be adjusted.
- On/off touch switch allows independent control of interconnected fittings
- Supplied with mounting clips
- Requires 12V LED driver (sold separately)
- **3 year warranty**

5.5 - 10.5W
Slim Profile & Interconnectable

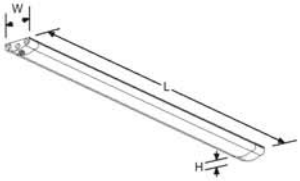
On/OFF Switch

EN-CL55T
5.5W 500mm Undercabinet Light

up to 640 Lumens
L70 30,000 Hours

Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
EN-CL55T/30	5.5W	90°	3000K	310lm	56	30,000	500 x 25 x 9mm
EN-CL55T/40	5.5W	90°	4000K	330lm	60	30,000	500 x 25 x 9mm
EN-CL85T/30	8.5W	90°	3000K	480lm	56	30,000	800 x 25 x 9mm
EN-CL85T/40	8.5W	90°	4000K	520lm	61	30,000	800 x 25 x 9mm
EN-CL105T/30	10.5W	90°	3000K	590lm	56	30,000	1000 x 25 x 9mm
EN-CL105T/40	10.5W	90°	4000K	640lm	61	30,000	1000 x 25 x 9mm

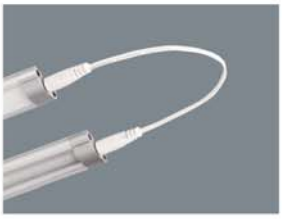
Technical Information



(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

EN-CLA1
Connector Bar

EN-CLA2
Corner Connector Bar



EN-CLA3
Interconnection Lead

EN-CLPIR
PIR Sensor

Cat. No.	Description
ACCESSORIES	
EN-CLA1	Blade™ Connector Bar
EN-CLA2	Blade™ Corner Connector Bar
EN-CLA3	Blade™ 155mm Interconnection lead
EN-CLA4	Blade™ 500mm Interconnection lead
EN-CLP1	Blade™ 2m Mains Lead Without Plug
EN-CLPIR	Blade™ PIR Sensor

See table below for compatible Aurora driver options

Cat. No.	AU-LED1012CV	AU-LED16T	AU-LED2512CV	AU-LED5012CV
LED DRIVERS				
EN-CL55T	1	2	3	3
EN-CL85T	-	1	2	3
EN-CL105T	-	1	2	3

LinkE™ Linear interconnectable undercabinet LED striplight

Description

LinkE™ undercabinet LED striplights are a great solution for new or T4 and T5 retrofit installation. With their simple plug and play linking feature, different lengths can be created to suit depending on kitchen cabinet or wardrobe lengths. Available in both 3000K and 4000K with separate interconnection leads to allow for connections between partitions, they provide a simple solution to suit lighting requirements.

Features & Benefits

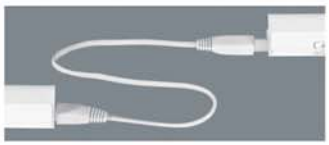
- Benefit from longer life and higher energy savings compared to traditional T4 & T5 fluorescent fittings
- Suitable for mounting under, in or above kitchen cabinets, shelves, display cabinets, bookcases etc
- Fittings can be used on their own, connected end to end or using interconnection leads
- On/off switch allows independent control of interconnected fittings
- Power and interconnection leads supplied separately for added customisation
- Supplied with mounting accessories
- **3 year warranty**

EN-T504
4W Linkable Undercabinet T5
LED Striplight

4 - 10W
up to 1000 Lumens
L70 35,000 Hours

Minimal dark spot when connected

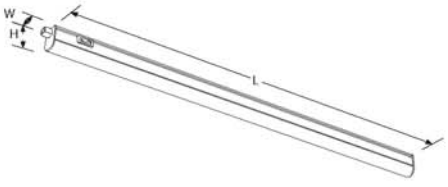
Interconnection lead



Cat. No.	Watts	Beam	Colour	Lumens	lm/W	L70 Life (hrs)	L x W x H (mm)
EN-T504/30	4W	120°	3000K	360lm	90	35,000	313 x 22 x 30mm
EN-T504/40	4W	120°	4000K	400lm	100	35,000	313 x 22 x 30mm
EN-T506/30	6W	120°	3000K	540lm	90	35,000	543 x 22 x 30mm
EN-T506/40	6W	120°	4000K	600lm	100	35,000	543 x 22 x 30mm
EN-T510/30	10W	120°	3000K	900lm	90	35,000	873 x 22 x 30mm
EN-T510/40	10W	120°	4000K	1000lm	100	35,000	873 x 22 x 30mm

Cat. No.	Description
EN-T5L025	LinkE™ 250mm Interconnection Accessory
EN-T5L05	LinkE™ 500mm Interconnection Accessory
EN-T5L10	LinkE™ 1m Interconnection Accessory
EN-T5ML20	LinkE™ 2m Mains Lead Without Plug

Technical Information



(L) Length (see table)
(W) Width (see table)
(H) Height (see table)

Description

Range of constant current and 12/24V constant voltage LED drivers for use with Enlite LED strip and luminaires.
3 year warranty

Constant current LED drivers

AU-LED09T SERIES
1-9W 350mA Non-Dimmable
Constant Current Driver

AU-LED09IP IP68 SERIES
3-9W **IP68** 350mA Non-Dimmable
Constant Current Driver

AU-LED709IP IP68 SERIES
3-9W **IP68** 700mA Non-Dimmable
Constant Current Driver

12V Constant voltage LED drivers

AU-LED1012CV PARALLEL
10W Non-Dimmable 12V
Constant Voltage Driver

AU-LED16T PARALLEL
16W Non-Dimmable 12V
Constant Voltage Driver

AU-LED2512CV PARALLEL
25W Non-Dimmable 12V
Constant Voltage Driver

AU-LED5012CV PARALLEL
50W Non-Dimmable 12V
Constant Voltage Driver

AU-LED10012CV IP67 PARALLEL
2 x 50W **IP67** Non-Dimmable 12V
Constant Voltage Driver

Cat. No.	Input Voltage	Output Voltage (V DC)	Output Current (mA)	Nominal Power	Line Current (Amp)	Max. Amb Temp (°C)	Dimensions
AU-LED09T	220-240V 50-60Hz	-	350mA	1-9W	0.05	50	156 x 38 x 25mm
AU-LED09IP	100-264V 50-60Hz	-	350mA	3-9W	0.05	50	118 x 35 x 25mm
AU-LED709IP	220-240V 50-60Hz	-	700mA	3-9W	0.05	45	120 x 35 x 25mm
AU-LED1012CV	100-264V 50-60Hz	12V	-	1-10W	0.06	50	122 x 40 x 24mm
AU-LED16T	100-264V 50-60Hz	12V	-	1-16W	0.09	50	156 x 38 x 24mm
AU-LED2512CV	100-264V 50-60Hz	12V	-	1-25W	0.12	50	145 x 38 x 28mm
AU-LED5012CV	100-264V 50-60Hz	12V	-	1-50W	0.25	50	165 x 48 x 34mm
AU-LED10012CV	110-250V 50-60Hz	12V	-	2 x 50W	0.67	50	240 x 67 x 50mm

Technical Information

24V Constant voltage LED drivers

AU-LED1624CV
16W Non-Dimmable 24V
Constant Voltage Driver

AU-LED1624IP IP68
16W **IP68** Non-Dimmable 24V
Constant Voltage Driver

AU-LED2524CV
25W Non-Dimmable 24V
Constant Voltage Driver

AU-LED5024CV
50W Non-Dimmable 24V
Constant Voltage Driver

AU-ELG-100-24 IP67
100W **IP67** Non-Dimmable
24V Constant Voltage Driver

AU-ELG-150-24 IP67
150W **IP67** Non-Dimmable
24V Constant Voltage Driver

AU-ELG-200-24 IP67
200W **IP67** Non-Dimmable
24V Constant Voltage Driver

AU-RSP-320-24
320W Non-Dimmable 24V
Constant Voltage LED Driver

Cat. No.	Input Voltage	Output Voltage (V DC)	Nominal Power	Line Current (Amp)	Max. Amb Temp (°C)	Max. Case Temp (°C)	Dimensions
AU-LED1624CV	220-240V 50-60Hz	24V	1-16W	0.09	45	80	156 x 38 x 24mm
AU-LED1624IP	100-264V 50-60Hz	24V	1-16W	0.09	45	80	118 x 36 x 25mm
AU-LED2524CV	220-240V 50-60Hz	24V	1-25W	0.12	50	85	169 x 38 x 28mm
AU-LED5024CV	176-264V 50-60Hz	24V	1-50W	0.25	45	80	188 x 48 x 34mm
NEW AU-ELG-100-24	220-240V 47-63Hz	24V	1-100W	0.7	70	90	199 x 63 x 36mm
NEW AU-ELG-150-24	220-240V 47-63Hz	24V	1-150W	0.5	70	90	219 x 63 x 36mm
NEW AU-ELG-200-24	176-264V 47-63Hz	24V	1-200W	0.5	70	90	244 x 71 x 38mm
NEW AU-RSP-320-24	220-240V 50-60Hz	24V	1-320W	13.3	70	50	215 x 115 x 30mm

Technical Information

Description

Range of 12/24V constant voltage dimmable LED drivers for use with Enlite LED strip.
3 year warranty

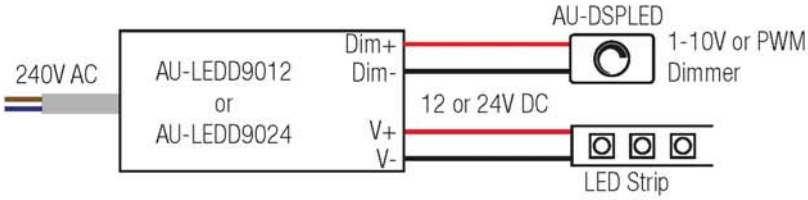
12V Constant voltage LED drivers

AU-LEDD9012
90W **IP67 Dimmable** 12V
Constant Voltage Driver

24V Constant voltage LED drivers

AU-LEDD9024
90W **IP67 Dimmable** 24V
Constant Voltage Driver

Suitable for dimming 12V or 24V LED strip
No need for separate control unit



Cat. No.	Input	Output Voltage (V)	Nominal Power	Line Current (Amp)	Max. Amb Temp (°C)	Max. Case Temp (°C)	Dimensions
AU-LEDD9012	240V 50-60Hz	12V	90W	0.5	40	70	171 x 63 x 38mm
AU-LEDD9024	240V 50-60Hz	24V	90W	0.5	50	85	171 x 63 x 38mm

Technical Information

Description

DMX RGB Sub Controller. DMX colour change interface suitable for the control of RGB LED strip etc. Maximum load: AU-DMX060 60W, AU-DMX090 90W, AU-DMX1500 150W. Up to 30 units may be controlled by 1 x AU-DMXCS03 control switch to allow the synchronised control of multiple RGB loads. Can control 12V & 24V DC RGB products. Additional 12V or 24V DC constant voltage LED driver required (according to voltage of connected load). Use AU-DMX1500 for RGBW control. Must be installed indoors.

1 year warranty

AU-DMX060

60W DMX RGB Sub Controller

AU-DMX090

90W DMX RGB Sub Controller

NEW

AU-DMX1500

150W DMX RGBW Sub Controller

Technical Information

Description

DMX Master Controller. Three switches to select colour, dim / fade and 12 programmes including light to sound activation using the built-in microphone. Single static colour can be manually mixed and dimmed (almost any colour can be achieved). Colour changing time delay (5 seconds - 60 minutes) and fade speed (smooth fade or switching between colours) can be altered to suit the application. Use to control up to 30 x AU-DMX060 or AU-DMX090 RGB controllers. Includes DMX power supply. DMX control switch allows control of colour changing RGB strip or lamps in bars, restaurants and domestic applications. Fits a 35mm deep (minimum) 2 gang surface or recessed mounting box.

1 year warranty

AU-DMXCS03

DMX Master Controller

POWER SUPPLY INCLUDED WITH AU-DMXCS03

Technical Information

Description

DMX wall controller providing on-off control and full dimming. Pre-programmed effect and selection can be stored for up to 4 presets. Suitable for RGB and RGBW LED strip. Requires a 12V or 24V DC power supply (not included). Use to control AU-DMX060, AU-DMX090 or AU-DMX150.

1 year warranty

AU-DMXRGBC

DMX RGB/RGBW Controller

Technical Information

Description

Colour changing 12V - 24V RGB Controller with Output Wattage: 12V: <216W, 24V: <432W. 18 Preset colour changing function with adjustable brightness and colour change speed includes remote control with 1m range (3 x AAA batteries required). 1 controller per application.

1 year warranty

AU-RGB1224A

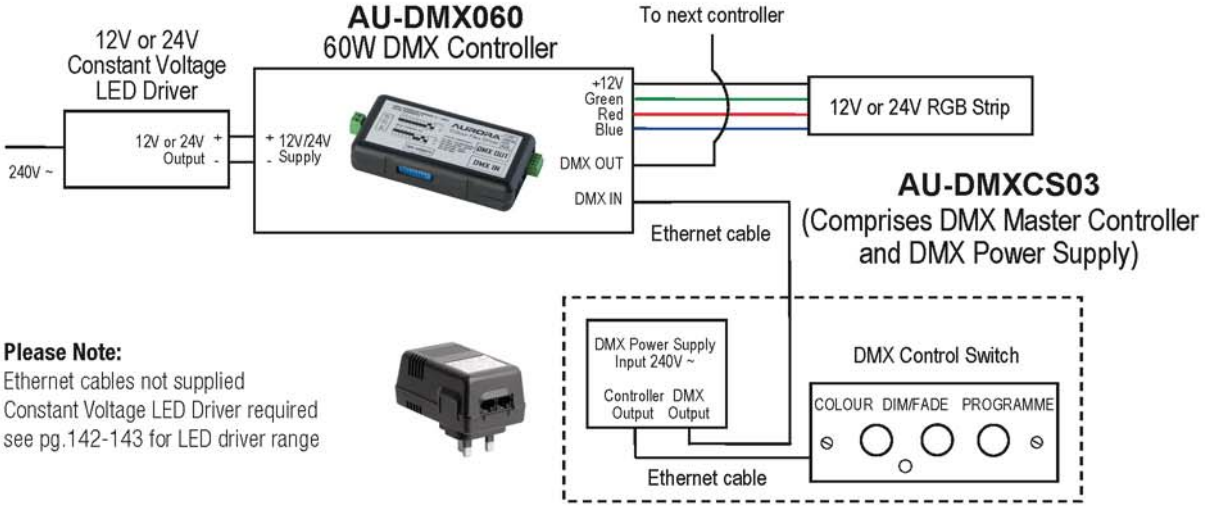
RGB Controller

Technical Information

DMX RGB Colour Changing Control System

This system provides an easy to use and highly flexible means of controlling RGB colour changing LED products. It allows the synchronised control of multiple lengths of LED strip. This is ideal for creating a modern lighting effect in a variety of domestic and commercial applications.

- One control system for all 12V and 24V RGB strip and flex
- Provides static colour, colour changing and sound to light (via integrated microphone)
- Single static colour can be manually mixed and dimmed (almost any colour can be achieved)
- Colour changing time delay (5 seconds to 60 minutes over eight preset time gaps) and fade speed (colour fade or colour jump) can be altered to suit the application
- "Sound to light" uses sound to switch between colours, for example changing colour to the beat of a song
- Use up to 30 colour change DMX interfaces from one DMX control switch and power supply

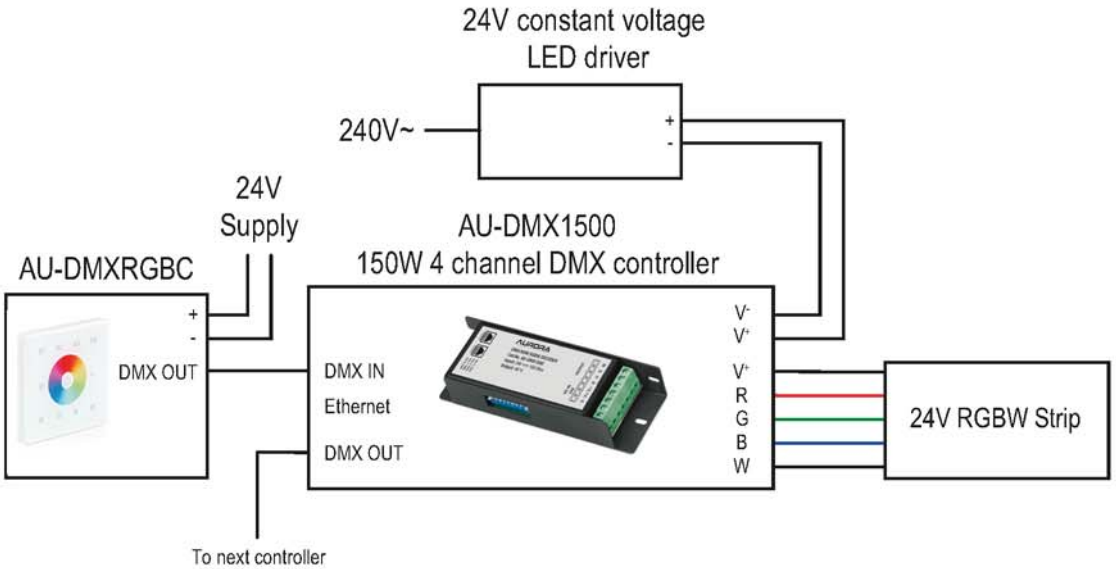


Please Note:
Ethernet cables not supplied
Constant Voltage LED Driver required
see pg.142-143 for LED driver range

DMX RGBW Colour Changing Control System

A simple and effective system for full control of RGBW strip. The wall controller and DMX sub controller allows full RGBW colour mixing, static colours, dimming and preset scenes on multiple lengths of RGBW strip.

- 4 preset scenes
- Full dimming
- Static Colour Selection
- Variable Colour Wheel
- Pre-programmed effects



Features & Benefits

- 1kV surge protection – EN 61547
- Short circuit, thermal and overload protection
- Fully dimmable with resistive & inductive dimmers
- Pre-wired with 20cm primary lead
- 20cm heat resistant secondary lead
- Safety compliance – EN 61347
- EMC compliance – EN 55015, EN 61000, EN 61547
- **3 year warranty**

EN-SC60

ETran™ 20-60W/VA **Dimmable** Low Voltage Electronic Transformer

Features & Benefits

- Fully dimmable with resistive & inductive dimmers
- Auto-reset thermal protection
- Short circuit and overload protection
- 1.0kV SURGE PROTECTION – EN 61547
- 'Loop-in, Loop-out' primary wiring terminals
- Integrated earth terminal for earth continuity
- No junction box required
- Secondary wiring terminals - 3 outputs
- Maximum load on one output - 105VA
- Safety compliance – EN 61347
- EMC compliance – EN 55015, EN 61000, EN 61547
- **5 year warranty**

AU-E105

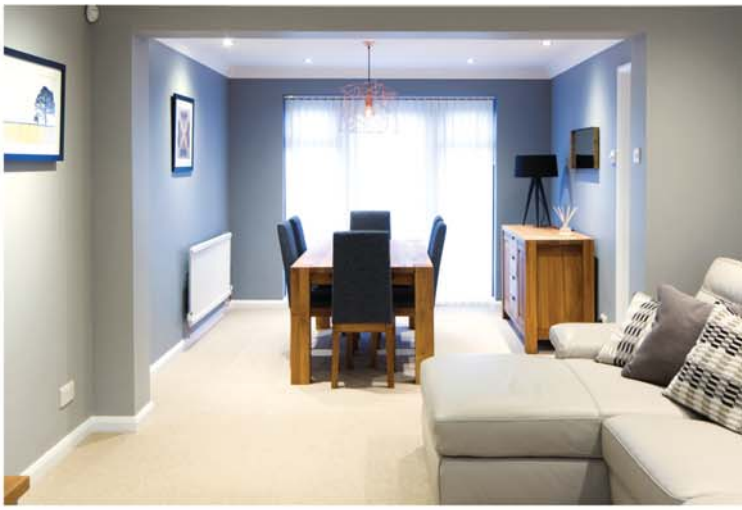
35-105W/VA **Dimmable** Low Voltage Electronic Transformer

Features & Benefits

- Fully dimmable with resistive & inductive dimmers
- Short circuit and overload protection
- 1.0kV SURGE PROTECTION – EN 61547
- Pre-wired with 30cm primary lead
- 30cm heat resistant secondary leads
- Safety compliance – EN 61347
- EMC compliance – EN 55015, EN 61000, EN 61547
- NOTE: Maximum cable length from transformer to the furthest lamp is 2m
- **5 year warranty**

AU-E60

10-60W/VA **Dimmable** Low Voltage Electronic Transformer



Cat. No.	Input	Output Voltage (V)	Nominal Power	Line Current (Amp)	Max. Amb Temp (°C)	Max. Case Temp (°C)	Dimensions
EN-SC60	240V 50-60Hz	11.4V	60W	0.26	50	75	88 x 40 x 20mm
AU-E60	250V 30-50Hz	11.4V	60W	0.27	50	70	90 x 39 x 27mm
AU-E105	250V 30-50Hz	11.4V	105W	0.43	45	75	145 x 38 x 25mm

Technical Information

Features & Benefits

- Suitable for control of dimmable compact fluorescent and LED lamps, dimmable electronic transformers, LED drivers, toroidal transformers and tungsten lamps
- Integrated trimming potentiometer allows CFL and LED lamps to be set at a minimum level to prevent them going out or flickering at the bottom of the dimmer range
- Leading edge phase control
- For use with resistive and inductive loads
- Integrated over-temperature protection fuse
- Module case ultrasonically sealed to reduce dimmer buzzing
- Smooth dimming operation from 0-100% light output
- May be fitted to most dimmer plates
- One or two way switching
- Derate Dimmer by 70% for LED loads
- **1 year warranty**

AU-DSP400X

1 Gang 2 Way 60-400W Zero Cross Rotary Dimmer Module

Cat. No.	Description
AU-DSP400X	60-400W 1 Gang 2 Way Zero Cross Rotary Dimmer

Features & Benefits

- 1-10V Dimmer suitable for control of dimmable 1-10V LED drivers (AU-LEDD9012 / AU-LEDD9024)
- Integrated over-temperature protection fuse
- Module case ultrasonically sealed to reduce dimmer buzzing
- Fits a plaster depth (16mm) mounting box
- One or two way switching
- 1 year warranty

AU-DSPLED

Rotary LED Dimmer Switch 1-10V 1 Gang 2 Way

Cat. No.	Description
AU-DSPLED	1 Gang 2 Way Rotary Dimmer

Technical Information

Features & Benefits

- Patented - GB2540671B
- Registered Community Design - DM/086700
- Versatile lock and release FastRfix electrical connector
- Fully enclosed to comply with I.E.E wiring regulations
- Screwless cover and cable clamps allow faster and easy installation
- 3 Pole with loop terminal - 16A
- 4 Pole version for emergency lighting installations - AU-FF04
- Large terminals for easy wiring
- Compatible with previous Fastfix AU-FF03
- Compatible with comparable products on the market
- Tested by Nemko to BS 5733:2010 + A1: 2014 General requirements for electrical accessories
- Tested by Nemko to BS EN/IEC 61535:2009 +A1 Installation couplers intended for permanent connection in fixed installations
- **1 year warranty**

AU-FF13

3 Pole 16A FastRFix™ Luminaire Connector

Cat. No.	Description
AU-FF13	3 Pole FastRFix™ Connector
AU-FF13C	3 Pole FastRFix™ Connector with 25cm 3-core 0.75mm cable

Technical Information

- 1-10V Dimmer suitable for control of dimmable 1-10V LED drivers (AU-LEDD9012 / AU-LEDD9024)
- Integrated over-temperature protection fuse
- Module case ultrasonically sealed to reduce dimmer buzzing
- Fits a plaster depth (16mm) mounting box
- One or two way switching
- Complies with the latest Electrical Safety standard for dimmer switches EN 60669-2-1:2000
- EMC compliance - EN 55015
- **1 year warranty**

LED Emergency Lighting

Unobtrusive appearance, absolute reliability and continued operation in the event of the loss of mains electricity.

Aurora Emergency products offer a Maintained and Non-Maintained solution crossing many applications in commercial and communal environments.

Lighting levels are an effective way of assisting people to escape from a building by providing reduced level illumination.

The different types of emergency lighting are – Emergency Escape Lighting (Escape Route Lighting / Open Area Anti-Panic Lighting / High Risk Task Area Lighting) and Standby lighting which allows normal activities to continue if the mains lighting fails.

Emergency lighting is usually battery operated and can be either self-contained (Battery/Inverter mounted inside the fitting) or through a central battery system (Large battery either running the whole building or small batteries running separate floors).

Emergency Lighting Modes

MAINTAINED (M)

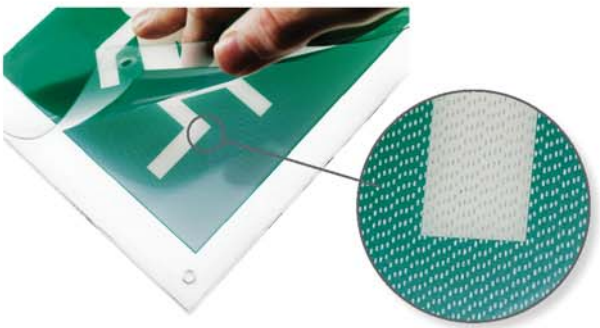
'Maintained' units operate normally and continue to operate when the normal mains supply fails (mains lighting and emergency lighting).

NON-MAINTAINED (NM)

'Non-maintained' - the lighting only operates when the normal mains supply fails (emergency lighting only).

Laser Etched Acrylic

Exit sign legends feature laser etched acrylic for superior light distribution.



Self Test Function

Regardless of Maintained or Non-maintained mode, Enlite's self-test emergency lighting units are designed to cut costs in testing and maintenance of emergency luminaires. The technology in the emergency luminaire allows the unit to be tested in accordance to the BS EN 50172:2004 / BS 5266-8:2004.

Self testing emergency lights perform two types of tests;

Short period functional test

Runs automatically every 30 days and checks the following:

- Emergency operation for a short period
- Battery capacity
- Health of Lamp
- Any failed elements are indicated by red warning LEDs

Full period functional test

Automatically runs annually and checks the following;

- Emergency operation for full rated duration (3 hours)
- Battery capacity
- Health of lamp
- Any failed elements are indicated by red warning LEDs

Description

Range of maintained and non-maintained 240V aluminium ceiling mounted LED emergency exit signs and emergency pack with 3 hours emergency back-up duration.

Features & Benefits

- 25 metre viewing distance
- Laser etched acrylic for superior light distribution
- Legends need to be ordered separately
- Can be maintained or non-maintained dependant on connection of switch live (excluding EN-EMLD2)
- EN-EMLD2 includes LED driver and NiMH battery in a mesh sleeve. Compact downlight fits into a 44mm cut-out. LED module may also be mounted without downlight in a 20mm hole.
- **1 year warranty**

EN-EMLED21
Ceiling Mounted Emergency Exit Sign

EN-EMLED22
Wall Mounted Emergency Exit Sign

EN-EMLED24
Recess Emergency Exit Sign

EN-EMLD2
2W 3 Hour Non-Maintained Emergency

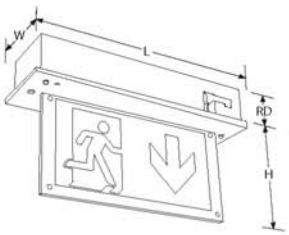
Cat. No.	Description	Max (W)	L x W x H (mm)	Cutout (Ø)	Overall (Ø)	Recess
EN-EMLED21	Ceiling Mount	7W	300 x 55 x 235mm	-	-	-
EN-EMLED22	Wall Mount	7W	300 x 67 x 230mm	-	-	-
EN-EMLED24	Recessed Mount	7W	355 x 110 x130mm	-	-	65mm
EN-EMLD2	Adjustable	2W	-	40mm	51mm	70mm

Cat. No.	Description
Legends	
EN-LG2D	Enlite Down Emergency Exit Legend
EN-LG2U	Enlite Up Emergency Exit Legend
EN-LG2LR	Enlite Left/Right Emergency Exit Legend

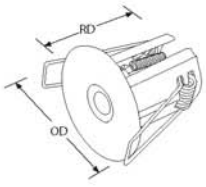
Technical Information

EN-EMLED21
(L) 300mm Length
(W) 55mm Width
(H) 235mm Height

EN-EMLED22
(L) 300mm Length
(W) 67mm Width
(H) 230mm Height



EN-EMLED24
(L) 355mm Length
(W) 110mm Width
(H) 130mm Height
(RD) 65mm Recess



EN-EMLD2
(OD) 51mm Overall Ø
(RD) 70mm Recess

How to use the ready reckoner lux planner

1. Select the fitting
2. Choose the Lux Level you require
3. Select the closest room dimensions of the space
4. Use the table to determine the quantity of fittings required

Recommended Lighting Levels Explained
200 Lux - For general occupancy
300 Lux - For moderately easy tasks
500 Lux - For moderately difficult tasks

Design criteria all downlights and LED panel

1. All dimensions shown are in metres
2. Ceiling height assumed @ 2500mm
3. Average Surface Reflectances used - Floor 20 / Walls 50 / Ceiling 70
4. Working Plane measured at 750mm above FFL
5. Maintenance Factor assumed @ 0.80

E6PRO
200 & 300 Lux

	EN-DE6PRO/40
Watts	6
Lumens	620

Room Size		Choose Lux Level	
L (m)	W (m)	200 lux	300 lux
2.5	2.5	4	5
2.5	5	6	10
2.5	7.5	10	14
2.5	10	12	18
5	5	12	16
5	7.5	18	24
5	10	21	32
7.5	7.5	25	36
7.5	10	32	45
10	10	42	56

E5
200 & 300 Lux

	EN-DE5
Watts	4.5
Lumens	400

Room Size		Choose Lux Level	
L (m)	W (m)	200 lux	300 lux
2	2	4	6
2	4	8	12
2	6	10	15
2	8	12	18
4	4	12	20
4	6	X	X
4	8	X	X
6	6	X	X
6	8	X	X
8	8	X	X

E8
200 & 300 Lux

	EN-DE8
Watts	8
Lumens	580/620

Room Size		Choose Lux Level	
L (m)	W (m)	200 lux	300 lux
2.5	2.5	4	5
2.5	5	6	10
2.5	7.5	10	14
2.5	10	12	18
5	5	12	16
5	7.5	18	24
5	10	21	32
7.5	7.5	25	36
7.5	10	32	45
10	10	42	56

E6060PRO
300 & 500 Lux

	EN-FPRO6060
Watts	30
Lumens	3300

Room Size		Choose Lux Level	
L (m)	W (m)	300 lux	500 lux
2.5	2.5	1	1
2.5	5	2	3
2.5	7.5	3	4
2.5	10	4	5
5	5	4	6
5	7.5	6	9
5	10	8	12
7.5	7.5	8	14
7.5	10	12	18
10	10	16	24

E6060
300 & 500 Lux

	EN-FP6060C/40
Watts	36
Lumens	3400

Room Size		Choose Lux Level	
L (m)	W (m)	300 lux	500 lux
2.5	2.5	1	1
2.5	5	2	3
2.5	7.5	3	4
2.5	10	4	5
5	5	4	6
5	7.5	6	9
5	10	8	12
7.5	7.5	8	14
7.5	10	12	18
10	10	16	24

X = Specific luminaire not suitable to achieve LUX level in room size

For assistance please email us on uk@enlitelighting.com

AriahPRO
150 & 300 Lux

	EN-HB100C/40	EN-HB150C/40	EN-HB200C/40
Watts	100	150	200
Lumens	15000	22500	30000

Room Size		Choose Lux Level					
L (m)	W (m)	150 lux	300 lux	150 lux	300 lux	150 lux	300 lux
10	10	4	5	4	4	2	4
10	20	6	8	4	6	3	6
10	30	8	12	6	8	4	8
20	20	9	16	6	9	4	9
20	30	12	20	8	15	6	12
30	30	16	30	12	20	9	16

Design criteria for Ariah PRO

1. All dimensions shown are in metres
2. Ceiling height assumed @ 6000mm
3. Average Surface Reflectances used - Floor 20 / Ceiling 50 / Walls 30
4. Working Plane measured at FFL
5. Maintenance Factor assumed @ 0.80

Notes

The lighting calculation information displayed above is an indicative guide for the areas and design criteria indicated. It is recommended that the customer carries out his own calculations to verify that the proposed quantity of luminaires meet the specified requirements. All quantities shown are calculated and rounded upwards and then determined into an amount that offers a grid pattern for installation. Enlite does not accept responsibility for lighting installations which fail to comply with specification where this criteria has been used to estimate quantity.

Uni-Fit™
200 & 300 Lux

	EN-DL10	EN-DL15	EN-DL23	EN-DL30
Watts	10	15	23	30
Lumens	900	1350	2100	2800

Room Size		Choose Lux Level							
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux
2	2	2	2	1	2	1	1	1	1
2	4	3	4	2	3	1	2	1	2
2	6	4	6	3	4	2	3	2	2
2	8	6	8	4	5	3	3	2	3
4	4	6	8	4	6	3	4	2	3
4	6	9	12	6	8	4	5	3	4
4	8	12	15	8	10	4	6	4	6
6	6	12	18	9	12	6	9	4	6
6	8	16	24	12	16	6	12	5	9
8	8	20	30	16	20	9	15	8	12

Slim-Fit™
200 & 300 Lux

	EN-PL06B/40	EN-PL09B/40	EN-PL12B/40	EN-PL18B/40	EN-PL24B/40
Watts	6	9	12	18	24
Lumens	330	500	780	1200	1600

Room Size		Choose Lux Level									
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux
2	2	3	5	2	2	2	2	1	2	1	1
2	4	6	9	4	6	3	4	2	3	2	2
2	6	10	15	6	8	4	6	3	4	2	3
2	8	12	18	8	12	6	8	3	5	3	4
4	4	15	20	8	12	5	8	4	5	3	4
4	6	X	X	12	18	8	12	5	8	4	6
4	8	X	X	15	24	10	15	6	10	6	8
6	6	X	X	18	25	12	16	8	12	6	9
6	8	X	X	24	X	15	20	9	15	8	12
8	8	X	X	30	X	20	30	12	20	9	15

Lumi-Fit™
200, 300 & 500 Lux

	EN-DDLH413/40	EN-DDLH618/40	EN-DDLH818/40	EN-DDLH825/40	EN-DDLH840/40	EN-DDLH1045/40
Watts	13	18	18	25	40	45
Lumens	1260	1800	1900	2600	4150	4500

Room Size		Choose Lux Level											
L (m)	W (m)	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	200 lux	300 lux	300 lux	500 lux	300 lux	500 lux
2.5	2.5	3	4	2	3	2	3	1	2	1	2	1	2
2.5	5	4	6	3	4	3	4	2	3	2	3	2	3
2.5	7.5	5	8	4	5	4	5	3	4	3	4	3	4
2.5	10	6	10	5	7	5	7	4	5	4	5	4	5
5	5	6	9	6	8	6	8	4	5	4	5	4	5
5	7.5	8	15	8	10	8	10	5	8	5	8	5	8
5	10	12	18	8	12	8	12	6	10	6	10	6	8
7.5	7.5	12	20	9	15	9	15	8	12	6	12	6	9
7.5	10	16	24	12	18	12	18	9	15	9	15	9	12
10	10	24	36	16	24	16	24	12	16	12	16	12	16

X = Specific luminaire not suitable to achieve LUX level in room size

Due to the nature of evolving led technology specification may vary
visit enlitelighting.com for up to date information
Lumen values +/-10%

E6PRO Standard dimmers

Brand	Cat.No.	Mode	Dimming range	Qty per dimmer
Aurora	AU-DSP400X	Leading	28 - 100%	2 to 10
Hamilton	LEDIT-B100	Leading/Trailing	10 - 100%	2 to 10
Hamilton	GRID100LED	Leading/Trailing	10 - 100%	2 to 10
Varilight	JQP401	Leading	5 - 100%	2 to 5
Varilight	JQP401	Trailing	5 - 100%	2 to 10
Varilight	JCE101	Leading	14 - 100%	2 to 5
Varilight	JCE101	Trailing	10 - 100%	2 to 10
Schneider	GU6212L	Trailing	11 - 100%	2 to 10
Schneider	GGBL6012LS	Trailing	13 - 100%	2 to 10
Zano	ZBARLED300 + ZMOBARCR	Trailing	15 - 100%	2 to 10
Lutron	RNSU-452B	Trailing	18 - 100%	2 to 10

E6PRO Dimming System

Brand	Cat.No.	Dimming range	Qty per dimmer
Lutron	Grafik Eye QS Main Unit Family, 240V/ LQR-WPM- 6PCE	14 - 95%	1 to 62
Lutron	LQSE-4A1-D/ MQSE-4A1-D/ MQSE-3A1/ MQSE-2A1-D, 240V, RP	14 - 92%	1 to 25

E8 Standard dimmers

Brand	Cat.No.	Mode	Dimming range	Qty per dimmer
Aurora	AU-DSP400X	Leading	28 - 100%	2 to 10
Hamilton	LEDIT-B100	Leading/Trailing	10 - 100%	2 to 10
Hamilton	GRID100LED	Leading/Trailing	10 - 100%	2 to 10
Varilight	JQP401	Leading	5 - 100%	2 to 5
Varilight	JQP401	Trailing	5 - 100%	2 to 10
Varilight	JCE101	Leading	14 - 100%	2 to 5
Varilight	JCE101	Trailing	10 - 100%	2 to 10
Schneider	GU6212L	Trailing	11 - 100%	2 to 10
Schneider	GGBL6012LS	Trailing	13 - 100%	2 to 10
Zano	ZBARLED300 + ZMOBARCR	Trailing	15 - 100%	2 to 10
Lutron	RNSU-452B	Trailing	18 - 100%	2 to 10

E8 Dimming System

Brand	Cat.No.	Dimming range	Qty per dimmer
Lutron	Grafik Eye QS Main Unit Family, 240V/ LQR-WPM- 6PCE	14 - 95%	1 to 62
Lutron	LQSE-4A1-D/ MQSE-4A1-D/ MQSE-3A1/ MQSE-2A1-D, 240V, RP	14 - 92%	1 to 25

E5 Standard dimmers

Brand	Cat.No.	Mode	Dimming range	Qty per dimmer
Aurora	AU-DSP400X	Leading	19 - 100%	2 to 16
Hamilton	LEDIT-B100	Leading/Trailing	15 - 100%	1 to 10
Hamilton	GRID100LED	Leading/Trailing	15 - 100%	1 to 10
Varilight	JQP401	Leading	21 - 100%	2 to 10
Varilight	JQP401	Trailing	12 - 100%	2 to 10
Varilight	JCE101	Leading	25 - 100%	2 to 4
Varilight	JCE101	Trailing	15 - 100%	2 to 10
Schneider	GU6012L	Trailing	16 - 100%	2 to 16
Schneider	GGBL6012LS	Trailing	19 - 100%	2 to 16
MK	K4511LV	Leading	54 - 100%	2 to 16

E5 Dimming System

Brand	Cat.No.	Dimming range	Qty per dimmer
Hamilton	Mercury	10 - 100%	3 to 6

Slim-Fit™

Brand	Cat.No.	Mode	Dimming range	Qty per dimmer
EN-PL06B using EN-PLDD06				
Aurora	AU-DSP400X	Leading	14 - 100%	2 to 10
EN-PL09B using EN-PLDD09				
Aurora	AU-DSP400X	Leading	12 - 100%	2 to 10
EN-PL12B using EN-PLDD12				
Aurora	AU-DSP400X	Leading	14- 100%	2 to 10
EN-PL18B using EN-PLDD18				
Aurora	AU-DSP400X	Leading	10 - 100%	2 to 6
EN-PL24B using EN-PLDD24				
Aurora	AU-DSP400X	Leading	10 - 100%	2 to 5

Uni-Fit™

Brand	Cat.No.	Mode	Dimming range	Qty per dimmer
EN-DDL10				
Aurora	AU-DSP400X	Leading	08 - 100%	1 to 10
EN-DDL15				
Aurora	AU-DSP400X	Leading	05 - 100%	1 to 10
EN-DDL20				
Aurora	AU-DSP400X	Leading	05 - 100%	1 to 10
EN-DDL25				
Aurora	AU-DSP400X	Leading	10 - 100%	1 to 4

ICE LAMP EN-DGU005 Standard dimmers

Brand	Cat.No.	Mode	Dimming range	Qty per dimmer
Aurora	AU-DSP400X	Leading	18 - 100%	2 to 15
Hamilton	LEDIT-B100	Leading/Trailing	10 - 100%	1 to 10
Hamilton	GRID100LED	Leading/Trailing	10 - 100%	1 to 10
Zano	ZBARLED300 + ZMOBARCR	Trailing	15 - 100%	2 to 10
Zano	ZBARLED1000 + ZMOBARCR	Trailing	17 - 100%	2 to 10
Varilight	JQP401	Leading/Trailing	10 - 100%	2 to 15
Varilight	JCE101	Leading	17 - 100%	2 to 5
Varilight	JCE101	Trailing	15 - 100%	2 to 10
Schneider	GU6012L	Trailing	20 - 100%	2 to 15
Schneider	GGBL6012LS	Trailing	11 - 100%	2 to 10
MK	K4511LV	Leading	16 - 100%	2 to 15
MK	K1523WHILV	Leading	17 - 100%	2 to 10
MK	K1526WHI	Leading	28 - 100%	2 to 10

ICE LAMP PRO EN-DGU1024/38

Brand	Cat.No.	Mode	Dimming range	Qty per dimmer
Aurora	AU-DSP400X (G2)	Leading	21 - 100%	2 to 5
Varilight	JQP401	Leading	27 - 100%	2 to 4
Varilight	JQP401	Trailing	16 - 100%	2 to 5
Varilight	JCE101	Leading	14 - 100%	2 to 5
Varilight	JCE101	Trailing	17 - 100%	2 to 5
Varilight	IJFSI101	Leading	27 - 100%	2 to 4
Varilight	IJFSI101	Trailing	19 - 100%	2 to 5
Schneider	GU6012L	Trailing	15 - 100%	2 to 5
Schneider	GGBL6012LS	Trailing	15 - 100%	2 to 5
Rako	RMT500	Trailing	14- 100%	2 to 5

ICE LAMP EN-DGU005 Dimming System

Brand	Cat.No.	Dimming range	Qty per dimmer
Hamilton	Mercury	15 - 100%	1 to 10
Lutron	LQSE-4A1-D/ MQSE-4A1-D/ MQSE-3A1/ MQSE-2A1-D, 240V, RP	7 - 99%	1 to 16

ICE LAMP EN-MR165 lamp with transformer

Brand	Cat.No.
Enlite	EN-SC60
Aurora	AU-E60

- The maximum number of lamps tested may be above the safe load limit of the dimmer. This information can be gained from the manufacturer of the dimmer.
- All tests carried out in lab test conditions.

The Building Regulations 2013
Conservation of Fuel and Power

45lm/W

Less than 5W

L1A / L1B Compliance – What does it mean?

Reasonable provision should be made for a dwelling to benefit from energy efficient lighting in the following instances

1. A dwelling is extended
2. A new dwelling is created via change of use
3. The lighting system is being upgraded as part of a re-wire
4. New builds

Minimum of 45 Lumens per Watt

A single switch should operate no more than 6 lamp units, with a total capacity no greater than 100 watts

Fixed Internal Lighting

To comply with the current building regulations L1A and L1B, the lamp used must have a luminous efficacy greater than 45 lumens per circuit-watt and total output greater than 400 lamp lumens. The circuit-watt figure is measured as the power consumed in the lighting circuit by the lamp and its associated control gear and power factor correction equipment.

Light fittings with GLS tungsten filament or tungsten halogen lamps would not meet the standard.

Reasonable Provision

Within the area of the building work in the main dwelling areas, the fixed energy efficient lighting fittings should not be less than three in every four lighting fittings. Infrequently used areas i.e. garages, cupboards and other storage areas are not included in the count.

Any lighting fitting with a supply circuit wattage less than 5 Watts is also excluded from the count.

Fixed External Lighting

Lighting which is deemed as fixed to the external surface of a dwelling and powered by the occupier's supply. (Excludes communal areas in flats etc.)

Reasonable Provision

Light fittings should be made to enable effective control and/or the use of efficient lamps

Light fittings have a lamp capacity that does not exceed 100W per fitting and that the light automatically switches off when

1. There is enough daylight
2. The area being lit is unoccupied, or lighting is no longer required

OR

The light fittings use a lamp with an efficacy of greater than 45 Lumens per circuit watt, is manually controlled by the occupants and that the light automatically switches off when there is enough daylight.

The Building Regulations 2013
Conservation of Fuel and Power

60lm/W

L2A / L2B Compliance – What does it mean?

These building regulations refer to new or existing, non-domestic buildings, office, industrial and storage spaces (where office also includes those areas that involve predominantly desk based tasks, such as seminar rooms, conference and classrooms including those in schools) which require 60 luminaire Lumens per circuit Watt. Other areas might be those such as hotels, bars etc. which require 60 lamp lumens per Watt.

Fixed Internal Lighting

To comply with the current Building Regulations L2A and L2B, general interior lighting should meet either one of two energy efficiency evaluation methods

1. Efficacy – Averaging over the whole area being considered, the luminaire used must have an equivalent luminous efficacy greater than 60 luminaire Lumens per circuit Watt. Reduced levels are allowed with the use of control systems.

OR

2. Calculate the LENI (Lighting Energy Numerical Indicator), which calculates the performance of the lighting in terms of energy per square metre per year. Maximum limits are provided in the regulations. LENI is calculated based on a lighting design that meets all the user's needs including controls. Recommendations for appropriate illuminance values and other lighting requirements may be found in BS EN 12464-1:2011 'Light and lighting – Lighting at work places – Indoor work places'. Both Methods have separate allowances for display lighting.

Lighting Controls

Lighting Controls should follow guidance in BRE Digest 498, 'Selecting lighting controls'. For general interior lighting, areas should avoid unnecessary lighting at times when either daylight levels are sufficient or the spaces are unoccupied. Display lighting should be controlled on dedicated circuits.
Note - Automatically switched lighting should be subject to a risk assessment on the grounds of safety and suitability.

Reasonable Provision

This should include easily accessible local switching within each area or at the boundaries between those working areas and main point access routes.

Supplementary Switching

Automatic controls in addition to any local controls could further aid energy management by either:

1. Switching lighting off when no occupants are detected; or
2. Dimming or switching off lighting when there is sufficient daylight

PLEASE NOTE - ABOVE INFORMATION IS A SUMMARY - PLEASE REFER TO RELEVANT BUILDING REGULATIONS FOR FULL DETAILS

European Safety, EMC Approvals & Symbols Key

- Dimmable
- Colour changing RGB (Red Green Blue)
- Colour changing RGBW (Red Green Blue White)
- Colour Rendering Index of 80
- Acoustic Rated
- Air Leakage Rated
- Emergency
- Equipment must be earthed
- Double Insulated construction – does not require an earth
- Complies with class 3 – safety extra low voltage – less than 50V AC
- Certification Bodies Safety Certificate – valid in 45 countries worldwide
- Equipment for indoor use ONLY
- ENEC – Testing and Certification – in 20 European countries
- Protected against splashing water
- Protected against splashing water and dust
- Protected against low pressure jets of water. Dust tight
- Protected against powerful jets of water. Dust tight
- IP67 protected against effects of temporary immersion. Dust tight
- IP68 protected against submersion in water to the depth stated. Dust tight
- Walkover
- Requires Parallel Wiring (Constant Voltage, 12V DC or 24V DC)
- Equipment suitable for direct mounting on or in cabinets or furniture
- TUV Safety – Testing and Certification – Germany
- TUV EMC – Testing and Certification – Germany
- Complies with building regulations L1A/L1B conservation of fuel and power in dwellings
- Complies with building regulations L2A/L2B conservation of fuel and power in buildings other than dwellings
- Exempt from building regulations L1A/L1B conservation of fuel and power in dwellings
- Microwave Sensor
- Protected against impact of 1 joule
- Protected against impact of 2 joule
- Protected against impact of 5 joule
- Highly Efficiency Rated Lamp

luminaire lamp compatibility

Fittings/ Lamps	EN-GU003	EN-GU004 EN-DGU004	EN-GU005 EN-DGU005	EN-DGU1024 EN-DGU1038
EN-DLM981X	✓	✓	✓	-
EN-DLM982X	✓	✓	✓	-
EN-FD101	✓	✓	✓	-
EN-FD102	✓	✓	✓	-
EN-FD103	✓	✓	✓	-
EN-DLM482	✓	✓	✓	-
EN-DLM356	✓	✓	✓	-
EN-DLM357	✓	✓	✓	-
EN-DLM355	✓	✓	✓	-
EN-DLM411	✓	✓	✓	-
EN-DLM412	✓	✓	✓	-
EN-MGU101	✓	✓	✓	-
EN-MGU102	✓	✓	✓	-
EN-DLM211	✓	✓	✓	✓
EN-DLM212	✓	✓	✓	-
EN-DLM213	✓	✓	✓	✓
EN-TK1	✓	✓	✓	✓
EN-TK2	✓	✓	✓	-
EN-WDL822	✓	✓	✓	-
EN-WDL832	✓	✓	✓	-
EN-WDL541/AN	✓	✓	✓	-
EN-WL1	✓	✓	✓	-
EN-WL2	✓	✓	✓	-
EN-WU021SS	✓	✓	✓	-
EN-WU022SS	✓	✓	✓	-
EN-RGL1	✓	✓	✓	-
EN-RGL2	✓	✓	✓	-
EN-SLSS1	✓	✓	✓	-
EN-SL1	✓	✓	✓	-

Remember with Enlite's ranges of Fire Rated Downlights every product is 30/60/90 rated as standard.

Providing complete product confidence.

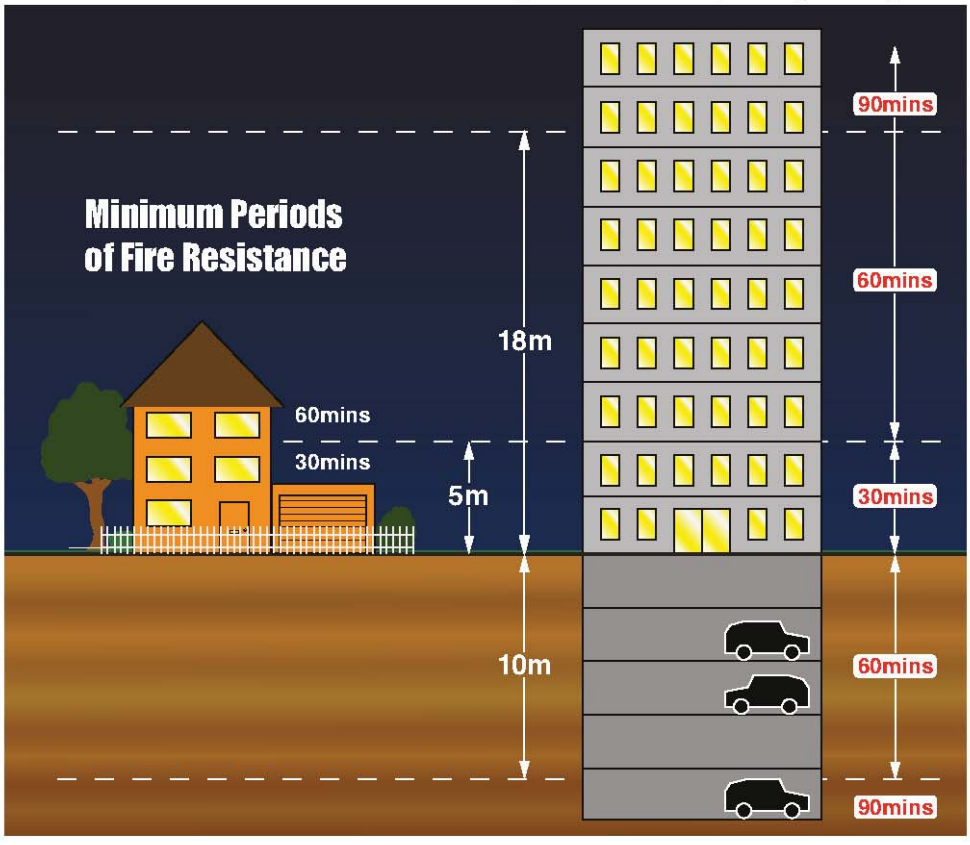
Minimum Period of Resistance for Domestic Properties

Domestic properties have different requirements for periods of fire resistance depending on the height of the top floor above ground level or the depth of a basement. See the following table for guidance.

Purpose group of buildings	Fire Resistance Minimum Periods (Minutes)					
	Basement		Ground Level or Above			
	Depth (m) of Lowest Basement		Height (m) of Top Floor above ground			
	> 10m	< or = 10m	< or = 5m	< or = 18m	< or = 30m	> 30m
A. Residential (Flats)						
- Not Sprinklered	90	60	30	60	90	-
- Sprinklered	90	60	30	60	90	120
B. Institutional	90	60	30	60	90	120
C. Other Residential	90	60	30	60	90	120

Fire Resistance Minimum Periods (Minutes)		
Basement	Ground Level or Above	
	Height of top floor above ground	
	Not more than 5m	More than 5m
30mins*	30mins*	60mins

*Increased to a minimum of 60 minutes for compartment walls separating buildings



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#GB21-2	48
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#GB2100-3	48
#GB41-2	48
#GB41-3	48
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AU-A1ZBRC	13
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AU-A1ZRK1	13
AU-BZ600MW	13
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AU-BZ600SN	13
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AU-DMX060	146
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AU-FF13C	149
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AU-LED09T	142
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AU-LED1012CV	142
AU-LED1624CV	143
AU-LED1624IP	143
AU-LED16T	142
AU-LED2512CV	142
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EN-BH18RBLK/40MS	90
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EN-BZ91PC	23
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EN-BZE5MW	20
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EN-CRM660A	66	EN-DE82W/30	20	EN-DLB102D/40	34	EN-FL30A/40	78
EN-DCNDB225/27	57	EN-DE82W/40	20	EN-DLEM2	28	EN-FL30PIRA/40	80
EN-DCNDE145/27	57	EN-DE8CX	21	EN-DLM211PC	43	EN-FL50A/40	78
EN-DCNDE275/27	57	EN-DG45B225/27	57	EN-DLM211SN	43	EN-FL50PIRA/40	80
EN-DDL10/40	30	EN-DG45E145/27	57	EN-DLM211W	43	EN-FLH10BLK/40	82
EN-DDL10160/30	36	EN-DG45E275/27	57	EN-DLM212PC	43	EN-FLH10PBLK/40	84
EN-DDL10160/40	36	EN-DGLSB229/27	57	EN-DLM212SN	43	EN-FLH10PW/40	84
EN-DDL1019/30	36	EN-DGLSE279/27	57	EN-DLM212W	43	EN-FLH10W/40	82
EN-DDL1019/40	36	EN-DGU004/30	53	EN-DLM213PC	43	EN-FLH20BLK/40	82
EN-DDL10260/30	36	EN-DGU004/40	53	EN-DLM213SN	43	EN-FLH20PBLK/40	84
EN-DDL10260/40	36	EN-DGU005/27	53	EN-DLM213W	43	EN-FLH20PW/40	84
EN-DDL10EM/40	30	EN-DGU005/30	53	EN-DLM355W	40	EN-FLH20W/40	82
EN-DDL15/40	30	EN-DGU005/40	53	EN-DLM356MW	40	EN-FLH30BLK/40	82
EN-DDL15EM/40	30	EN-DGU005/64	53	EN-DLM356PC	40	EN-FLH30PBLK/40	84
EN-DDL20/40	30	EN-DGU0053/30	53	EN-DLM356SN	40	EN-FLH30PW/40	84
EN-DDL20EM/40	30	EN-DGU0053/40	53	EN-DLM356W	40	EN-FLH30W/40	82
EN-DDL25/40	30	EN-DGU1024/30	54	EN-DLM357MW	40	EN-FLH50BLK/40	82
EN-DDL25EM/40	30	EN-DGU1024/40	54	EN-DLM357PC	40	EN-FLH50PBLK/40	84
EN-DDLCX10	39	EN-DGU1038/30	54	EN-DLM357SN	40	EN-FLH50PW/40	84
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EN-DDLH413/40	28	EN-DK12/40	113	EN-DLM411SN	41	EN-FP1230C/50	65
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EN-DDLH618/40	28	EN-DK6/30	113	EN-DLM412PC	41	EN-FP1230CDA/50	65
EN-DDLH618DA/40	28	EN-DK6/40	113	EN-DLM412SN	41	EN-FP1230CV/40	65
EN-DDLH818/40	28	EN-DK6/BLU	113	EN-DLM412W	41	EN-FP1230CV/50	65
EN-DDLH818DA/40	28	EN-DL10/30	30	EN-DLM482MWB	25	EN-FP1260C/40	65
EN-DDLH825/40	28	EN-DL10/40	30	EN-DLM482WB	25	EN-FP1260C/50	65
EN-DDLH825DA/40	28	EN-DL10160/30	36	EN-DLM981X	23	EN-FP1260CDA/40	65
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EN-DE5/30	20	EN-DL10EM/40	30	EN-EMLED21	151	EN-FP1260CV/50	65
EN-DE5/40	20	EN-DL15/30	30	EN-EMLED22	151	EN-FP6060C/40	64
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