

PRODUCT GUIDE
2019



ILUX
LIGHTING



www.iluxlighting.co.uk













ILUX Lighting is the latest brand in the Constellation Lighting Group. Providing LED lighting solutions with up to 10 year warranties for the Commercial, Industrial and Petroleum industries.























From lighting design, supply and installation – we can supply a whole range of LED lighting products for your premises. ILUX have a carefully selected product range from some of the top manufacturers in the world not allowing any compromise for quality allowing us to provide the best solution to our clients.



INDUSTRIES SERVED

-  INDUSTRIAL
-  EMERGENCY
-  PETROLEUM
-  PORTS/HIGH MAST
-  EDUCATION
-  RETAIL
-  COMMERCIAL / OFFICES
-  SPORTS
-  FOOD PRODUCTION
-  STREET / PARKING
-  URBAN DECOR
-  ARCHITECTURAL

TECHNICAL INFORMATION

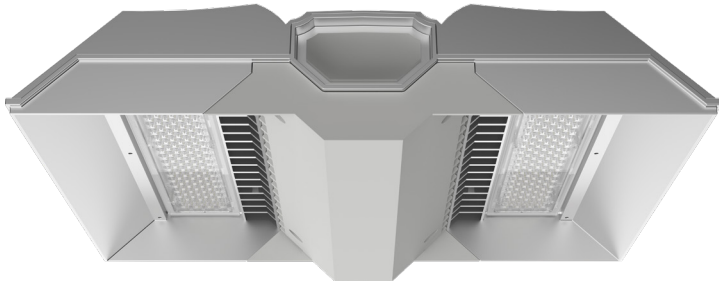
-  WARRANTY
-  DALI DIMMABLE
-  IP RATING
-  L70
-  L80
-  L90
-  CRI
-  CCT COLOUR TEMPERATURE
-  MULTIPLE OPTICS
-  UGR - GLARE RATING
-  SENSOR
-  IK RATING
-  EMERGENCY
-  ACCESSORY
-  WATTAGE
-  OUTPUT
-  CUT OUT DIAMETER
-  FIRE PROOF
-  BIM READY
-  SR CERTIFIED



4. Re-
Drum - Mobil
MC - Castrol Fluid Oil 400

Mobil

Synth
Lubric



ARC 3



A range of incredibly efficient and light weight IP65 high-bay solutions available for use in a range of industrial applications. A robust and high performing solution with efficacies up to 150 lm/W and an exceptionally long rated lifetime up to 100,000 hours, thus increasing ROI and minimising maintenance cycles.

Key Specification

Wattage Range - 90W - 280W

Lumen Output Range - 13,200lm - 36,500lm

Efficacy - up to 150lm/W



CRUISER



Industrial High bay with a range of optics including a low UGR version perfect for sports facilities.

Key Specification

Wattage Range - 112W - 217W

Lumen Output Range - 14,800lm - 28,600lm

Efficacy - up to 130lm/W



CPY



The CPY250™ LED Canopy/High Bay Luminaire has an extremely thin profile constructed of rugged cast aluminum. It can be surface mounted easily from below the canopy deck or suspended in an industrial application. Direct imaging of the LEDs is eliminated with a highly efficient patterned flat or drop glass lens.

Key Specification

Wattage Range - 65W - 140W

Lumen Output Range - 7,892lm - 19,652lm

Efficacy - up to 140lm/W



HB SERIES 1



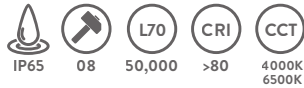
The HB Series 1 Low-Bay/High-Bay luminaire delivers up to 27,000lm to allow a one-for-one replacement of 250W and 400W HID luminaires.

Key Specification

Wattage Range - 95W - 200W

Lumen Output Range - 13,000lm - 27,000lm

Efficacy - up to 135lm/W



HB SERIES 168



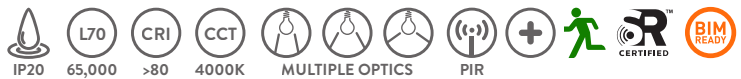
The first SR ready high bay from ILUX to optimise energy savings through the use of smart technology and wireless connectivity all monitored through a mobile app. Providing an output of up to 12,000lm with a variety of optics and optional self test emergency options.

Key Specification

Wattage Range - 56W - 87W

Lumen Output Range - 8,025lm - 11,824lm

Efficacy - up to 142lm/W





HELIOS



A robust IP66, IK10 impact resistant LED linear moisture / damp and dust proof luminaire suitable for tough industrial applications. Designed to “fit and forget” the Helios is a sleek and simple solution welcomed by both end users and installers. Impressively light, Helios is through-wired as standard with a simple flip down access to the connector and clip-in sturdy aluminium mounting brackets

Key Specification

Wattage Range - 36W and 52W

Lumen Output Range - 4,800lm and 6,500lm

Efficacy - up to 140lm/W



VP SERIES 1



The versatile VP Series 1 wet location linear luminaire is suitable for indoor and outdoor applications. One-piece molded aluminium housing allows for a high impact rating.

Key Specification

Wattage Range - 20W - 60W

Lumen Output Range - 2,600lm - 7,800lm

Efficacy - up to 130lm/W



VP SERIES 2



Tubular damp proof with IP67 rating makes it ideal for the food production or extreme wet environments.

Key Specification

Wattage Range - 36W - 48W

Lumen Output Range - 5,400lm - 7,200lm

Efficacy - up to 150lm/W



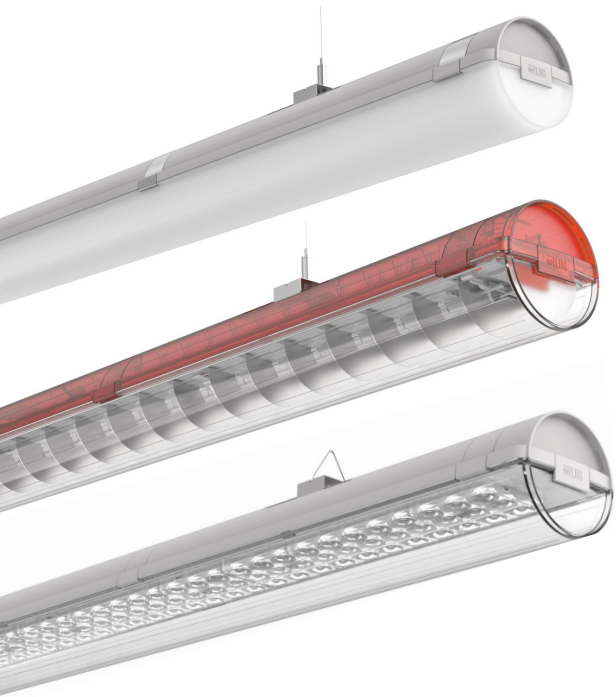
VP SERIES 3



Traditional style versatile IP65 rated luminaire allowing for power to be brought in at the end or through the back.

Key Specification

Wattage Range - 35W - 80W
Lumen Output Range - 4,300lm - 11,600lm
Efficacy - up to 120lm/W



VP SERIES 4



The latest VP in the range offering something different in design with various diffuser and housing options. Perfect for colour coding car parks.

Key Specification

Wattage Range - 32W - 51W
Lumen Output Range - 4,300lm - 7050lm
Efficacy - up to 138lm/W





LN SERIES 1



A standard LED batten that works as a direct replacement for single and twin fluorescent luminaires.

Key Specification

Wattage Range - 30W - 60W

Lumen Output Range - 3,500lm - 7,100lm

Efficacy - up to 125lm/W



LN SERIES 2



A more design focused LED batten luminaire to replace single and twin fluorescent luminaires.

Key Specification

Wattage Range - 20W - 68W

Lumen Output Range - 2,000lm - 8,000lm

Efficacy - up to 118lm/W



LN SERIES 163



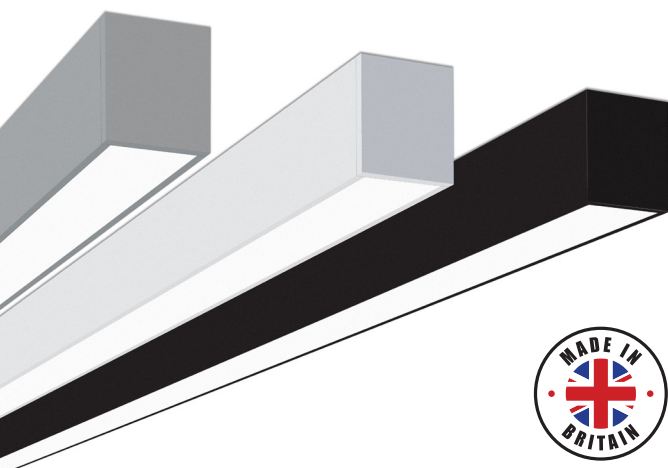
The LN Series 163 is a range of contemporary modular surface and suspended linear profile luminaires for continuous lines of direct/indirect light.

Key Specification

Wattage Range - 15W - 118W

Lumen Output Range - 1,333lm - 11,334lm

Efficacy - 120lm/W



FL SERIES 1



A traditional style LED flood light replacement with frosted tempered glass for a uniform illumination.

Key Specification

- Wattage Range - 10W - 180W
- Lumen Output Range - 800lm - 20,000lm
- Efficacy - 110lm/W



FL SERIES 2



Award winning architectural LED floodlight with a choice of optics.

Key Specification

- Wattage Range - 25W - 155W
- Lumen Output Range - 3,300lm - 20,250lm
- Efficacy - 132lm/W



FL SERIES RGB



RGBW small and medium LED projectors with a modern design. Available with a choice of optics and control.

Key Specification

- Wattage Range - 33W - 77W
- Lumen Output Range - 1,185lm - 3,012lm





FP SERIES 1



The FP Series offers a range of outputs to suit everyone's needs thanks to the Philips SimpleSet driver allowing us to never over-light an office space again.

Key Specification

Wattage Range - 20W - 36W

Lumen Output Range - 2,600lm - 4,680lm

Efficacy - up to 130lm/W



FP SERIES UGR



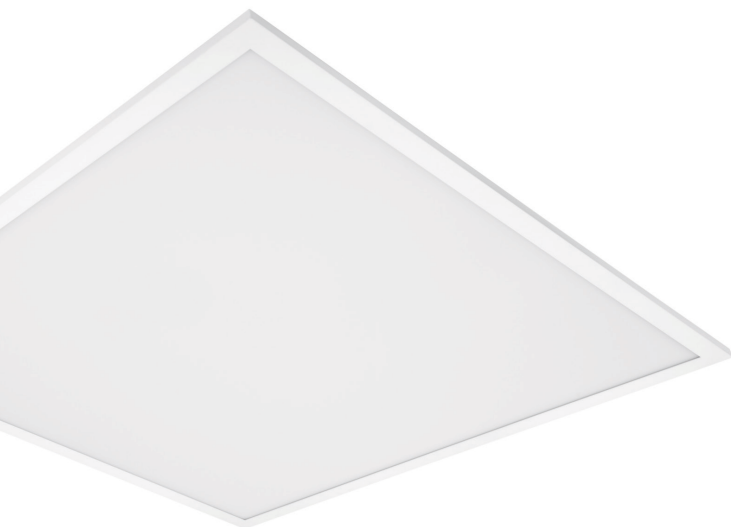
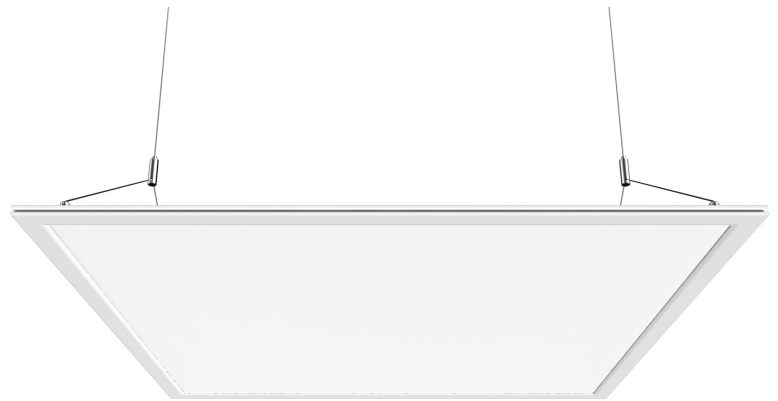
Stylish, ultra-thin, edge-lit design delivers soft, low glare illumination.

Key Specification

Wattage - 36W

Lumen Output - 4,320lm

Efficacy - up to 120lm/W



FP SERIES IP54



Stylish, ultra-thin, edge-lit design delivers soft, low glare illumination with a high IP rating.

Key Specification

Wattage - 36W

Lumen Output - 4,320lm

Efficacy - up to 130lm/W



RM SERIES 1



Stylish back-lit recessed modular luminaire with DALI and emergency options.

Key Specification

- Wattage - 40W
- Lumen Output - 4,350lm
- Efficacy - up to 110lm/W



LR22



The LR22 LED troffer has a sleek, flat panel design with a recessed lens providing a more luminous surface that blends seamlessly into any ceiling and creating a smooth look that offers a beautifully soft, balanced light without glare.

Key Specification

- Wattage - 34W
- Lumen Output - 3,400lm
- Efficacy - up to 100lm/W





DL SERIES 149



This compact fire rated downlight offers many performance benefits, options and variants with the added advantage of IP65 protection. This makes the DL Series 149 suitable for applications where ingress of dust and water may be a concern.

Key Specification

Wattage - 9W
Lumen Output - 575lm



DL SERIES 62



This professional, high quality LED downlight has been designed with commercial spaces in mind, offering exceptional performance and flexibility. Incorporating a Philips module, it features an expertly optimised heatsink for excellent luminaire efficacy and a satin reflector for an architectural finish. Also featuring an interchangeable die-cast twist and lock bezel, it is available with an extensive range of options and variants.

Key Specification

Wattage Range - 11W - 48W
Lumen Output Range - 975lm - 4,350lm



DL SERIES 66



This professional, high quality LED downlight has been designed to be under 100 mm in height, offering exceptional performance and flexibility. Incorporating a Philips SLM module, it features a highly effective in-house designed heatsink and specular reflector, all expertly optimised to offer excellent luminaire efficacy. Also featuring an interchangeable die-cast twist and lock bezel, it is available with an extensive range of options and variants.

Key Specification

Wattage Range - 7W - 27W
Lumen Output Range - 600lm - 2,375lm



DL SERIES 100



This professional, large diameter LED downlight has been designed to provide a simple yet effective lighting solution for large open spaces. It features a 237 mm die-cast bezel, highly efficient heatsink, LED module and optimised driver to provide high luminaire efficacy, while a satin reflector gives a stylish architectural finish. With an extensive range of options and variants,

Key Specification

Wattage Range - 15W - 49W

Lumen Output Range - 1,100lm - 4,100lm



DL SERIES 130



This low glare architectural mini-downlight is a firm favourite amongst architects and specifiers. Its superior quality die-cast body incorporates a discreet low profile bezel for a stylish minimal look. The efficient in-house designed heatsink, multi-faceted reflector, premium LED module and optimised driver all ensure that it delivers on performance as well as style.

Key Specification

Wattage Range - 8.5W - 10.5W

Lumen Output Range - 650lm - 850lm



CUSTOM
LASER
ETCHING
AVAILABLE



DL SERIES 98



Our die-cast scoop body, available with a clear or elliptical glass lens, encapsulates a Tridonic module which is mounted centrally at the base of the dome reflector, which is spun from super-pure aluminium. This allows even light distribution in either a downlight or fully adjusted position.

Key Specification

Wattage Range - 7W - 27W

Lumen Output Range - 700lm - 2,750lm



DL SERIES 166

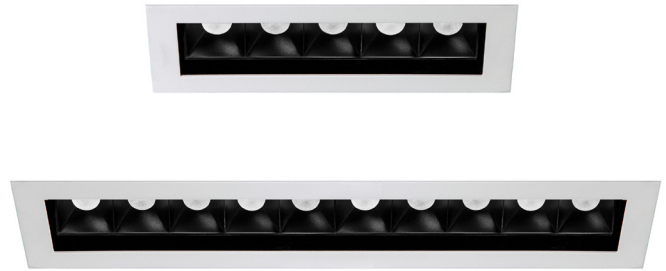


Designed for use in a wide range of contemporary applications, this discreet fixed mini linear downlight has a low UGR and is available with a luminaire efficacy up to 105 lm/W to meet the requirements of ECA compliance. Available in 5 and 10 optic versions with two lumen outputs and a choice of colour temperatures. Medium beam and Ra 80 are standard with the option to upgrade to Ra 90. Further options include narrow beam lenses, white baffles, dimming, Bluetooth connectivity, emergency and plaster-in.

Key Specification

Wattage Range - 14W - 23W

Lumen Output Range - 1,078lm - 2,157lm



DL SERIES 79



Our professional gimbal downlight has been designed to adjust on a central pivot point, allowing adjustable illumination with only minimal visual impact. Featuring the latest technology from Tridonic, the DL Series 79's adjustability, performance and efficacy are first class.

Key Specification

Wattage Range - 7W - 27W

Lumen Output Range - 700lm - 2,750lm



DL SERIES 121

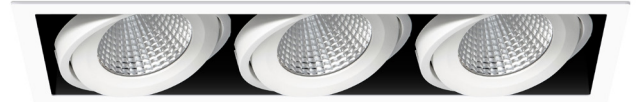


This fully adjustable LED framelight offers a versatile solution for a host of display lighting applications, featuring manoeuvrable light points that can be deep-installed within the frame. It is available with a choice of beam angles and in a variety of colours, making it perfect for the retail environment.

Key Specification

Wattage Range - 7W - 89W

Lumen Output Range - 729lm - 10,209lm



DL SERIES 132

This low glare architectural mini-downlight is a firm favourite amongst architects and specifiers. Its superior quality die-cast body incorporates a discreet low profile bezel for a stylish minimal look. The efficient in-house designed heatsink, multi-faceted reflector, premium LED module and optimised driver all ensure that it delivers on performance as well as style.

Key Specification

Wattage Range - 8W - 34W

Lumen Output Range - 525lm - 2,575lm



SOLACE



These ultra-modern professional decorative pendants can make a bold statement in any high-end, contemporary application. Featuring a white extruded aluminium body, available in two sizes, Demo pendants are characterised by their clean, smooth curves and even, diffused illumination.

Key Specification

Wattage Range - 54W - 136W

Lumen Output Range - 4,777lm - 15,703lm



ECLIPSE

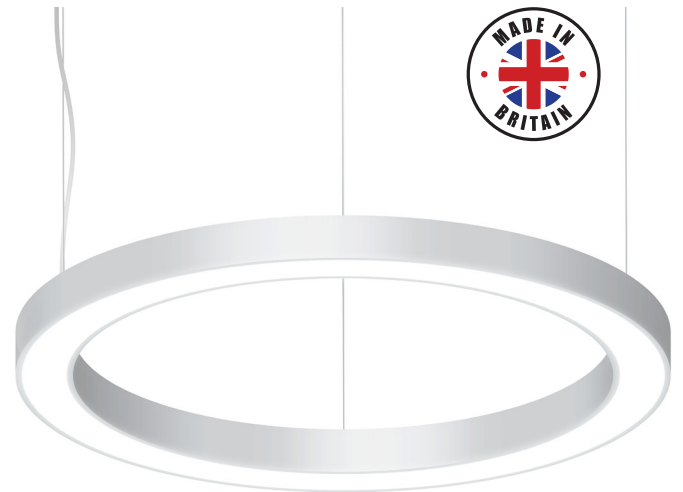


These distinctive and contemporary LED rings make a superb choice for high-end modern interiors. Featuring a white extruded aluminium body and available in two sizes, Echo pendants emit a diffused light through the opal acrylic diffuser to provide visual comfort and enhance the aesthetics of the application.

Key Specification

Wattage Range - 53W - 106W

Lumen Output Range - 2,615lm - 5,023lm



PD SERIES 126



This classic pendant is a design icon. Available with the choice of a retro style filament LED lamp or warm dimming LED lamp, it has been created to enhance visual appeal across various applications and settings. A choice of colourways and cable options make the PD Series 126 an adaptable solution to suit any interior design scheme.

Key Specification

Wattage Range - 6W - 7.5W

Lumen Output Range - 470lm - 806lm



PD SERIES 94



With its high performance prismatic refractor and optional conical lens, this stylish LED pendant delivers a modern, industrial touch to a host of applications, such as leisure, commercial and retail. The high output, highly efficient LED module and driver are encased in a modern gear housing, available in a variety of colours.

Key Specification

Wattage Range - 9W - 43W

Lumen Output Range - 955lm - 4,844lm





TRACK SERIES 150



With a discreet profile, clean architectural styling and a vertically-mounted control gear housing, the Track Series 150 provides the flexibility of a track spot whilst complementing a simple and modern aesthetic. A highly efficient LED system offers a choice of lumen outputs and rendering options, all available with a choice of body colours and beam angles.

Key Specification

Wattage Range - 11W - 24W
Lumen Output Range - 1,003lm - 1,788lm



TRACK SERIES 80



This fully adjustable track spotlight was developed to deliver maximum performance from its Philips module. High output, long life, high colour rendering and DALI dimming are no problem for the Track Series 80's heatsink and gear housing, which were both designed to have character, style and presence.

Key Specification

Wattage Range - 12W - 38W
Lumen Output Range - 1,296lm - 4,088lm



SC SERIES 109



This polycarbonate bulkhead luminaire combines a simple and classic aesthetic with all the energy and life performance of LED technology. Featuring integral dimming, emergency and presence detection sensor options, it's ideal for applications such as stairwells and corridors.

Key Specification

Wattage Range - 15W - 20W

Lumen Output Range - 1,790lm - 2,840lm



SC SERIES 167



With a curved, contemporary appearance, the 167 Series is a stylish professional IP65 and IK10 rated wall or ceiling mounted LED bulkhead providing homogeneous illumination. It is powered with Tridonic technology and housed in a durable TP(a) certified polycarbonate body and diffuser with matching twist and lock trim.

Key Specification

Wattage Range - 12W - 17W

Lumen Output Range - 1,012lm - 1,533lm



EW SERIES 3



External perimeter bulkhead with photocell control and emergency option.

Key Specification

Wattage - 10W

Lumen Output Range - 730lm





AVENDIA



Stylish post top LED luminaire for urban and architectural installations.

Key Specification

Wattage Range - 18W - 49W

Lumen Output Range - 2,300lm - 6,200lm

Efficacy - 128lm/W



VESTA C



Architectural LED post top luminaire with a choice of optics and outputs.

Key Specification

Wattage Range - 12W - 195W

Lumen Output Range - 1,862lm - 28,336lm

Efficacy - Up to 180lm/W



URBAN CONTEMPORARY



Urban street light range with a choice of outputs and optics.

Key Specification

Wattage Range - 20W - 63W

Lumen Output Range - 2,999lm - 8,828lm

Efficacy - 140lm/W



URBAN MODERN



Urban street light range with a choice of outputs, optics and mounting options.

Key Specification

Wattage Range - 20W - 63W

Lumen Output Range - 2,999lm - 8,828lm

Efficacy - 140lm/W



URBAN CIRCULAR



Urban street light range with a choice of outputs, optics and mounting options.

Key Specification

Wattage Range - 20W - 63W

Lumen Output Range - 2,999lm - 8,828lm

Efficacy - 140lm/W



URBAN ARTISTIC



Urban street light range with a choice of outputs and optics.

Key Specification

Wattage Range - 20W - 63W

Lumen Output Range - 2,999lm - 8,828lm

Efficacy - 140lm/W





XSP



Designed from the ground up as a totally optimized LED street and area lighting system, the XSP High Output Series delivers incredible efficiency without sacrificing application performance. Beyond substantial energy savings and reduced maintenance, Cree achieves greater optical control with our NanoOptic® Precision Delivery Grid™ optic when compared to traditional cobra head luminaires. The XSP High Output Series is the better alternative for traditional street and area lighting with quick payback and improved performance.

Key Specification

Wattage Range - 27W - 138W

Lumen Output Range - 4,565lm - 18,700lm

Efficacy - up to 155lm/W



XSPM



Designed from the ground up as a totally optimized LED street lighting system, XSPM maintains the familiar look of the traditional cobrahead design and delivers substantial energy savings while reducing maintenance time and costs. Equipped with our NanoOptic® Precision Delivery Grid™ optics, XSPM achieves better optical control than traditional street lighting fixtures and efficiently delivers white uniform light for safer-feeling communities. The luminaire is designed to mount directly to 76mm or 60mm outer dimension tenons or poles with a specific spigot (adjustable arm).

Key Specification

Wattage Range - 16W - 58W

Lumen Output Range - 2,087lm - 7,678lm

Efficacy - up to 145lm/W



URBINO



Modern design street light range with a choice of optics, outputs and colour temperatures.

Key Specification

Wattage Range - 27W - 200W

Lumen Output Range - 2,900lm - 22,850lm

Efficacy - 136lm/W



VESTA B



Architectural LED street light luminaire with a choice of optics and outputs.

Key Specification

- Wattage Range - 12W - 195W
- Lumen Output Range - 1,862lm - 28,336lm
- Efficacy - Up to 180lm/W



MODUS SPORTS FLOOD



Low glare, broadcast-ready, flicker free LED Floodlight solution for UHD and super slow-mo conditions.

Key Specification

- Wattage Range - 820W - 1,240W
- Lumen Output Range - 101,760 - 150,177lm
- Efficacy - Up to 125lm/W





EM SERIES SPOT



Recessed emergency LED spot with open area, anti panic and corridor lens options. Intuitive quick release battery design allows for speedy maintenance.

Key Specification

Wattage - 1-2W

Lumen Output - 200lm

Duration - 3 hours

Operating Modes - M3 - NM3



EM SERIES EXB



Wall mounted exit sign for indoor applications.

Key Specification

Wattage - 4W

Lumen Output - 120lm

Duration - 3 hours

Viewing Distance - 30m

Operating Modes - M3 - NM3



EM SERIES HS



Surface or semi recessed hanging exit sign.

Key Specification

Wattage - 2.1W

Duration - 3 hours

Viewing Distance - 32m

Operating Modes - M3 - NM3



EM SERIES BLK



IP65 rated emergency bulkhead with legend kit option.

Key Specification

- Wattage - 3W
- Lumen Output Range - 150lm - 650lm
- Duration - 3 hours
- Viewing Distance - 32m
- Operating Modes - M3 - NM3



EM SERIES TWS



Twin head emergency LED projector luminaire.

Key Specification

- Wattage - 6W
- Lumen Output - 2x 380lm
- Duration - 3 hours
- Operating Modes - M3 - NM3



EM SERIES SURFACE SPOT



Surface mount self contained LED downlight.

Key Specification

- Wattage - 3W
- Lumen Output - 160lm
- Duration - 3 hours
- Operating Modes - M3 - NM3



LIGHTING CONTROL FROM ILUX SAVING EVEN MORE ENERGY

LUXEYE - INTELLIGENT LIGHTING CONTROL FOR LEDVANCE LUMINAIRES WITH SMARTPHONE INTERFACE

The intuitive way to achieve perfect lighting control

The compact system with integrated sensor technology (daylight and presence) as well as a Bluetooth interface controls the light automatically and can be overridden conveniently via a smartphone or pushbutton.

Two versions: dimmable and with switch relay

With the dimmable LUXeye Sense DALI BT can control up to 20 luminaires via a DALI interface, the LUXeye Sense 10 A BT features a 10-ampere switch relay.

Easy to use via an app

With the LUXeye app, the light can be switched on and off and, with the DALI version, also dimmed autonomously and conveniently via a smartphone. Automatic settings can be overridden manually at any time.

Quick installation and convenient adjustment

According to the complexity of your project, you can choose freely from three different options: Plug & Play based on presets, manual adjustment with a screwdriver or convenient adjustment with a smartphone.

ILUX
LIGHTING



CAN'T SEE WHAT YOU'RE LOOKING FOR? JUST ASK!

WE OFFER AN EXTENSIVE RANGE OF
PRODUCT VARIATIONS AND RGB SOLUTIONS.



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