

2025

luceco

PROFILE

PROFESSIONAL LIGHTING CATALOGUE



Luceco Lighting is a global leader in the design, manufacture and supply of lighting systems for the specification and wholesale markets across the globe. From off-the-shelf product to tailored solutions, Luceco also provides a comprehensive technical support service to installers and end-users.

Luceco continually invests in environmentally responsible technology and innovation, its brands offer a leading portfolio of thoughtfully designed and diligently made products. From task and emergency to ambient and architectural, employing the latest in energy-saving and sustainable technology.

Major sectors served include residential, commercial, office, healthcare, education, retail, industrial, public sector, street and highway applications.

Our portfolio of respected lighting brands, include:



"Operating sustainably is a key part of the Group's culture and is reflected within our Purpose, Mission and Strategy; where we have made sustainability a central pillar of the Group's success"

John Hornby
Chief Executive Officer

The Future of LED Lighting

With over 100 years of combined lighting design experience, Luceco's team of lighting designers use the latest design software by Relux to design their lighting solutions. As part of their recommendations, they include 'return on investment' estimates to indicate potential return and energy savings, with lighting controls being an integral part of any installation.

Lighting controls help the end user to automate the lighting experience. They also allow for granular control over lighting levels, such as daylight dimming, which can lead to a significant reduction in energy consumption. With LED there are already significant energy cost savings and with additional lighting controls, even more efficiencies can be made.



Our Purpose

At Luceco, our mission is to provide energy-efficient lighting products that not only enhance your living spaces but also promote sustainable living. We believe in utilising innovative technology to reduce our carbon footprint and preserve our planet for future generations.



Our Mission

To build a leading portfolio of thoughtfully designed and diligently made products that provide environmentally responsible lighting solutions to our customers. To continually invest to sustain the competitive advantage provided by our people, culture and business model.



Our Culture

Our culture at Luceco Lighting is customer-driven, with a focus on team collaboration. We empower our energetic, loyal team to be bold and innovative in delivering sustainable lighting solutions. Our principled approach means we hold ourselves to the highest ethical standards.



Creating a Sustainable Future

Luceco is dedicated to achieving net zero and tackling climate change through innovative products and collaboration with experts and consumers in the electrotechnical industry.

Luceco understands the ambition and vision of its customers with a sustainable focus at the forefront, and share this goal of a collective journey towards net zero. Luceco's commitment to net zero goes beyond product development, to business operations and through to its culture and people.



Science Based Targets initiative (SBTi)

On the 28th of October 2021, the SBTi launched the first ever science-based Net-Zero Standard. This will combat the current inconsistencies that surround net-zero targets, and allow companies to decarbonize at the pace and scale required to align with the goals of the Paris Agreement and keep 1.5C in reach. It is a partnership between CDP, the United Nations Global Compact, World Resources Institute (WRI) and the World Wide Fund for Nature (WWF).



Our Targets

Luceco plc commits to reduce absolute scope 1 and 2 GHG emissions 46.2% by FY2031 from a FY2021 base year.* Luceco has also committed to reduce absolute scope 3 GHG emissions from use of sold products by 27.5%, within the same time frame.

*The target boundary includes land-related emissions and removals from bioenergy feedstocks.



Illuminating Sustainability

Luceco's role in Green Building initiatives

As the topic of sustainability continues to gain momentum, organisations are increasingly turning to Luceco to help them achieve their net zero carbon and zero-energy building goals. Through meticulous lighting audits, Luceco provides insights and designs for fixtures and controls, that will help reduce energy consumption and enhance the well-being of occupants.

LED lights, a key recommendation, outshine conventional counterparts by lasting 15 times longer and using 80% less energy. This longevity translates into substantial savings across the product lifecycle – materials, installation and maintenance costs. With systems running for a decade or more, Luceco's LED solutions emerge as the preferred choice for organizations committed to reducing their environmental impact.

Q&A

with **Simon Shenton**, Head of Product Development – LED

How do you see Luceco's role in the wider aspiration of achieving net zero?

Our current mission revolves around curating a leading portfolio, featuring thoughtfully designed products that offer environmentally responsible lighting solutions. This endeavor aims to bolster our customers in achieving crucial energy and cost efficiency milestones, that are tied to their net-zero commitments.

Describe why Luceco's approach to installations and design is so important to our journey to net zero.

Our unique position of controlling both product and lighting design allows us to meticulously address every facet of a customer's installation. The cumulative effect of these marginal gains from our bespoke designs results in substantial savings. Each project benefits from a tailor-made solution, which is aligned with our customer's specific goals.

For a company motivated by sustainability/climate action, why should they work with Luceco?

Aligned with our customers' ambitions, we share a collective vision to expedite their journey to net zero. Luceco's commitment transcends product development, extending to total transparency in our own sustainability performance. We not only share the same path towards sustainability, but also the same goals, influencing our entire business approach.

Our medium term goals are:

- Growing our low carbon sales, targeting £100m by 2025,
- Reducing our own emissions, targeting a 42% reduction by 2031,
- And helping our customers achieve their own carbon reduction targets.

Tell us why you see our journey to net zero as an opportunity for Luceco?

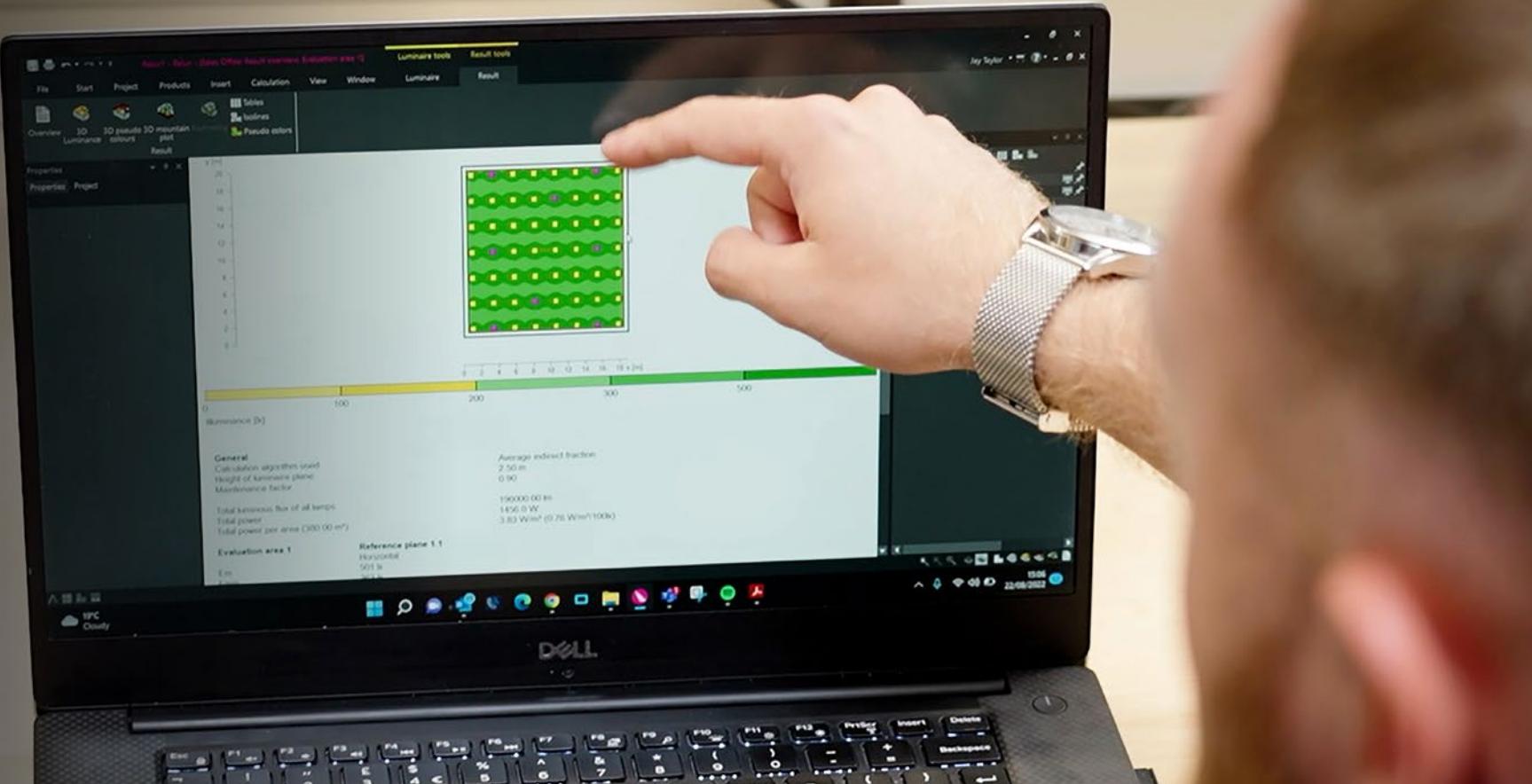
Fueled by the escalating demand for cleaner, safer and more energy-efficient resources, our ambition is to pioneer products that embody these principles. The success story of our LED lighting business, integral to low carbon sales since its launch in 2013, is testament to our commitment. Annual strides in improving lighting efficacy (Lm/W) underscore our dedication to providing the industry's most efficient and lowest carbon footprint lighting products. Our investments in the Lighting Controls team play a pivotal role in maximizing overall energy savings.

"We constantly strive to find new ways to further improve the performance of our products. Ultimately, our goal is to create cutting-edge designs, which result in happy customers with a lower carbon footprint too"

Simon Shenton
Head of LED
Development – Luceco

FREE Lighting Design & Technical Support

Luceco has a team of specialist engineers with combined lighting industry experience of over 100 years. Our highly experienced team are able to offer informed advice and knowledge regarding the luminaire range and applications. Also, we are able to offer a complimentary lighting design service from our LIA qualified engineers. This service can provide lighting solutions for all projects, ensuring compliance with the latest standards and regulations. Photometric data is also available for clients who may wish to perform their own designs.



Warranty

2 Year On Site Warranty (UK Only)

Should a product that has been correctly specified, professionally installed by a registered trades person and operated in accordance with the specified parameters, fail during its first year of installation, Luceco will arrange for the product to be repaired or replaced at our discretion.

5 Year Standard Project Warranty

Luceco offers a standard 5 year warranty for all project related products. If a product was to fail during this period, Luceco will arrange for the product to be repaired or replaced with an equal or substitute product at our discretion.



7 Year Extended Warranty

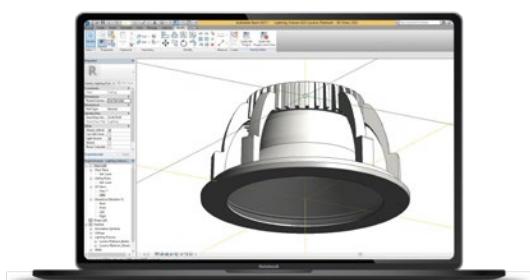
Luceco offers a 7 year extended warranty on selected products. This, provided the installation is conducted by an approved contractor and is done in accordance with our terms and conditions.

Emergency Control Gear Warranty

Luceco offers the same warranty on the emergency module as the luminaire, providing the luminaire is installed in a suitable environment. The battery being a consumable part is subject to a different warranty. Standard Luceco Emergency batteries have a 4 year design life and a two year warranty. Improved battery warranties up to 4 years are available by utilising a Lithium battery. For more information speak to a Luceco Project Manager.

Building Information Modelling (BIM)

Luceco has BIM files created in Revit, covering their range of luminaires. This enables our clients to download the information they require to aid the design process and create Building Models. The Building Information Modelling (BIM) platform is a collaborative way of working, intended to increase the speed of the construction industry, using digital technologies. BIM uses product data and a three dimensional computer model that can be used for effective management of information throughout a project lifecycle.



EFFICIENCY IN
LIGHTING DESIGN
FREE TRAINING AND CPD COURSE





Bespoke Luminaire Solutions

At Luceco we realise that not every project is simple, you cannot always easily remove the old lighting and replace with off-the-shelf standard new lighting. Luceco offers its customers the opportunity to retain existing elements of an installation and create a bespoke solution to suit the project needs.

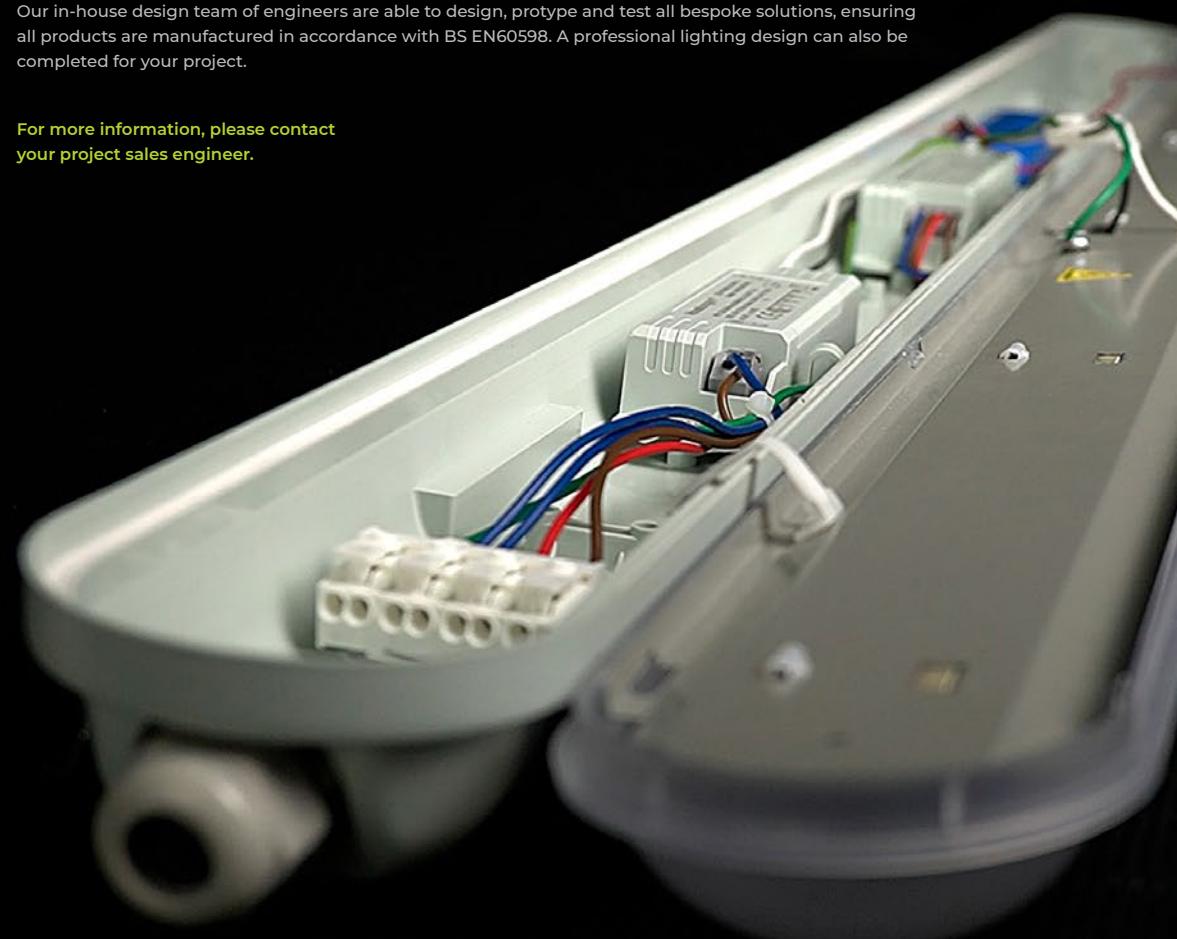
We can manufacture bespoke gear trays to retrofit into existing housings providing all the benefits of LED, such as longer lifetimes and reduced energy bills, but maintaining the existing look and reducing disruption.

Our in-house design team is able to adapt luminaire fixings so that our recessed fixtures are compatible with all commercially available ceilings including SAS, Concealed grid, Spring T and more.

We can also manufacture entirely bespoke luminaires for your project. We have provided many solutions for internal and external luminaires. Bespoke solutions can be the only option in historical listed buildings.

Our in-house design team of engineers are able to design, prototype and test all bespoke solutions, ensuring all products are manufactured in accordance with BS EN60598. A professional lighting design can also be completed for your project.

For more information, please contact your project sales engineer.





Carbon Trust

The Carbon Trust is a world-leading organisation helping businesses, governments and the public sector to accelerate the move to a sustainable, low carbon economy through carbon reduction, energy-saving strategies and commercialising low carbon technologies.

As a Carbon Trust Accredited Supplier, Luceco joins a market-leading scheme for high quality, energy-efficient equipment and renewable technology suppliers. It provides independent validation and recognition of a supplier's skills and services – a much needed and trusted quality standard in a crowded and fast growing market place. Accredited Suppliers must meet or exceed criteria set by the Carbon Trust, designed to examine their capability to deliver thoughtful, well-designed, energy-efficient and renewable energy systems.



ENEC Testing

As part of our product development and quality processes, Luceco luminaires have been tested to ENEC standards.

This stringent process involves independent third party testing of the luminaires, conducted by a European test house organisation and also the inspection and audit of our manufacturing facility.

ENEC approval provides full confidence in Luceco products, meeting all the relevant safety standards from when they are introduced and also ongoing as the products and audits are re-examined on a bi-annual basis.



Lighting Industry Association

The Lighting Industry Association is the largest lighting industry trade association in Europe. Their mission is to strengthen the industry and promote the benefits of good quality lighting by representing all aspects of UK, EU and international legislation and standards at the highest level, whilst protecting the interests of both the public and its members.

www.thelia.org.uk

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Downlights

Downlights are increasingly used in residential and commercial spaces for both general and accent lighting. The appearance of a clean ceiling line enhances the modern environment.

A complete range of downlights available, up to 90 minute fire-rated with options available on finish, colour temperature and adjustability.



Fire Rated



FType Elite **20**



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FType

FIRE RATED DOWNLIGHTS

Simple Options, Larger Choice

FType simplifies decision making with just 3 distinct options that deliver functionality, performance and aesthetic excellence, across a far greater choice.

Designed for new build or retrofit applications, the highly styled FType downlights offer Dim2Warm CCT lighting options and a choice of 4 colour CCT. With over 208 style combinations, it takes 3 simple steps to create personalised lighting that blends to the décor of any space:

- Step 1** – Choose your FType model – Essence, Mk2 or Elite
- Step 2** – Choose the colour temperature and wattage to suit the lighting requirements
- Step 3** – Choose Flat, Regressed or Adjustable bezel style & colour finish to match the room theme
(Supplied with white bezel)



Innovation

With installers at the forefront of design, FType products have been re-engineered to provide extended value and benefit beyond just lighting.



Peace of Mind

Fully Part L building regulation compliant with all 30,60,90 min & i-Joist fire, air leakage and acoustic testing certification. FType downlights are designed to meet all tests and give installers and users complete confidence and peace of mind.

Offering 3-7 years warranties, ensuring a 'right first time' approach to any wiring installation.



Performance

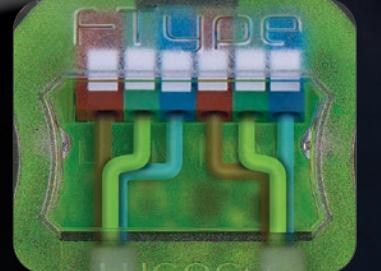
From time-saving benefits enabling speed and accuracy of installation, through to energy efficient choices within the lights themselves, this range can span efficiently over multiple applications and is adaptable to any project or space.



Core New Features

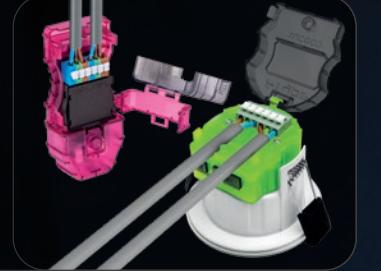
1. QuickView™ Window

FType downlights come equipped with a convenient QuickView Cable Window. This feature enables easy inspection of wire connections, even after cables are secured in place. This provides the contractor with added safety and reassurance that the connection is secure.



2. Easy and quicker install

Trade rated SpeedFit and Patent pending ClipFit connector simplify installation and reduce time by providing easy access to quick wiring. Whether for simple retrofit or new builds requiring 500V insulation resistance testing, Mk2 and Elite cover all needs.



3. Full lighting and power control

Achieve the desired lighting atmosphere with the FType Mk2 and Elite power and colour change function. A flick of a switch allows full versatility and adjustment. Choose between 4W & 6W and different colour settings & modes to create the right lighting scene.



4. Super-efficient Chips

Utilising only the very latest LED technology to maximise performance and energy savings, FType incorporates super-efficient LED chips, that boast an impressive luminous efficacy between 120 to 160 lumens per watt (Lm/W), setting new benchmarks.



DIM2 WARM
AS STANDARD
(MK2 & ULTRA MODELS)

DIM2WARM
TECHNOLOGY

Create that cosy space.

Dim2Warm CCT technology also adjusts colour temperature as you dim, to create that warm tone associated with traditional dimmed filament and halogen lighting.

The more you dim, the warmer the glow.



WARM WHITE
100% BRIGHTNESS / **3000K**

COSY WHITE
10% BRIGHTNESS / **2400K**

COOL WHITE
100% BRIGHTNESS / **4000K**

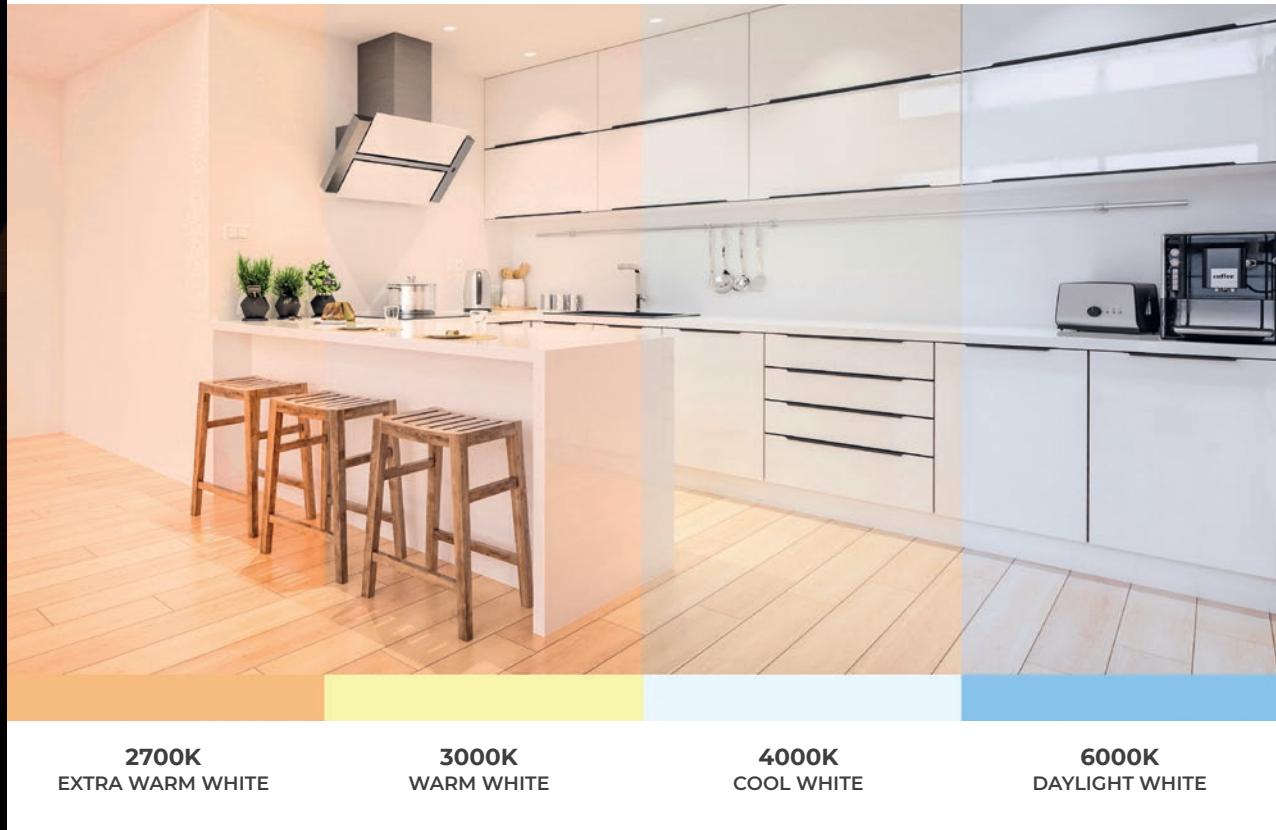
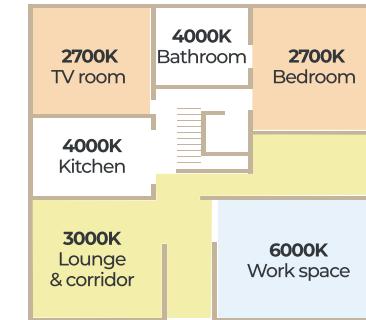
COOL WHITE
10% BRIGHTNESS / **4000K**

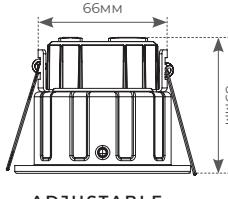
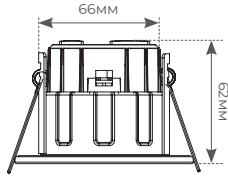
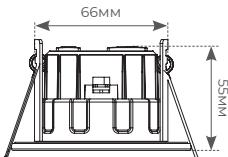
COLOUR CHANGE

ONE LIGHT, FOUR WHITES

Alternatively opt for the 4 colour CCT version of MK2 or Elite for maximum flexibility. Offering a choice of 2700K & 3000K, that creates a more relaxed and comfortable environment, or 4000K & 6000K suitable for more task focused rooms.

These downlights are perfect for all applications, enabling any room to be fully customised based on lighting preferences and preferred colour temperature, with a flick of a switch.





FType | Elite

LED Fire Rated Downlight
Dim2Warm

NEW
PRODUCT



- Power Selectable 6W/4W & Colour Selectable 3000K/4000K – Dim2Warm technology as standard
- Benefit from better lighting to create that cosy space. Adjusts colour temperature as you dim to create that warm tone associated with traditional dimmed filament and halogen lighting. The more you dim, the warmer the glow.
- Patent pending toolless Easy Access ClipFit connector with true 1st/2nd Fix installation. QuickView Cable Window - check wire connections after locking lid shut. UK Patent Pending No. 2305019.8.
- Removable VDE certified push-fit terminal block improves wire access – ideal with stiff cable. 18th edition 500V insulation resistance testing compatible.
- Supplied with removable Matt White slim bezel - ideal for when decorating and painting ceilings.
- Available in Flat, Regressed and Adjustable in Polished Chrome, Brushed Steel & Matt Black bezel finish.

Note: FType can also be installed with standard light switch. Default 100% brightness in selected colour and wattage setting.

| Cat No. | Type | Wattage | Lumens |
|--------------------|------------|--|-----------------------|
| PTF6WD2W | Flat | 4W / 6W | 690lm (3000K / 4000K) |
| PTR6WD2W | Regressed | 4W / 6W | 690lm (3000K / 4000K) |
| PTA6WD2W | Adjustable | 4W / 6W | 690lm (3000K / 4000K) |
| Accessories | | FT3EP24 3-hour emergency pack with green LED indicator | |

FType | Elite

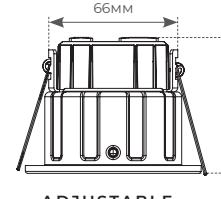
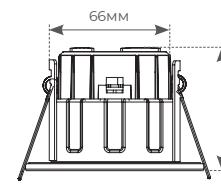
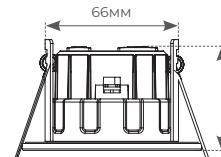
LED Fire Rated Downlight
Colour Change

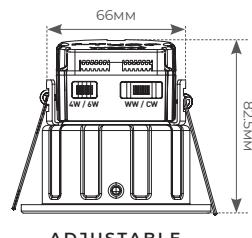
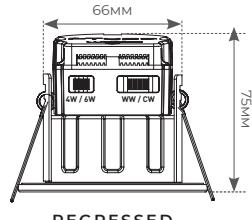
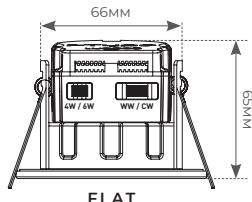
NEW
PRODUCT



- Power Selectable 6W/4W & Colour Selectable 2700K/3000K/4000K/6000K.
- Choose the preferred colour temperature to suit your space. For example choose a warmer white (2700K/3000K) to create a more relaxed comfortable feel. Choose a cooler white (4000K/6000K) for rooms which are more task focused.
- Patent pending toolless Easy Access ClipFit connector with true 1st/2nd Fix installation. QuickView Cable Window - check wire connections after locking lid shut. UK Patent Pending No. 2305019.8.
- Removable VDE certified push-fit terminal block improves wire access – ideal with stiff cable. 18th edition 500V insulation resistance testing compatible.
- Supplied with removable Matt White slim bezel - ideal for when decorating and painting ceilings.
- Available in Flat and Regressed in Polished Chrome, Brushed Steel & Matt Black bezel finish.

| Cat No. | Type | Wattage | Lumens |
|--------------------|-------------------|--|---------------------------------------|
| PTF6WCCT | Flat | 4W / 6W | 750lm (2700K / 3000K / 4000K / 6000K) |
| PTR6WCCT | Regressed | 4W / 6W | 750lm (2700K / 3000K / 4000K / 6000K) |
| PTA6WCCT | Adjustable | 4W / 6W | 750lm (2700K / 3000K / 4000K / 6000K) |
| PTF6WCCT/10 | Flat 10 Pack | 4W / 6W | 750lm (2700K / 3000K / 4000K / 6000K) |
| PTR6WCCT/10 | Regressed 10 Pack | 4W / 6W | 750lm (2700K / 3000K / 4000K / 6000K) |
| Accessories | | FT3EP24 3-hour emergency pack with green LED indicator | |





FType | MK2

LED Fire Rated Downlight
Dim2Warm



- Power Selectable 6W/4W & Colour Selectable 3000K/4000K – Dim2Warm technology as standard.
- Benefit from better lighting to create that cosy space. Adjusts colour temperature as you dim to create that warm tone associated with traditional dimmed filament and halogen lighting. The more you dim, the warmer the glow.
- Trade rated toolless SpeedFit connector - loop in/out piano key terminals for solid or stranded cable.
- QuickView Cable Window for ease of inspection - check wire connections to terminals after cables secured in place.
- Supplied with removeable Matt White slim bezel -ideal for when decorating and painting ceilings.
- Fire tested in 30, 60 and 90 minute solid timber joist and 30 minute i-joists.
- Part L1 / L2, Part C air leakage, Part E acoustic compliant.
- Available in Flat, Regressed and Adjustable in Polished Chrome, Brushed Steel & Matt Black bezel finish.

Note: FType can also be installed with standard light switch. Default 100% brightness in selected colour and wattage setting.

| Cat No. | Type | Lumens | Wattge |
|-------------|-------------------|--|---------|
| FTF6WD2W | Flat | 425 / 675lm (3000K), 460 / 690lm (4000K) | 4W / 6W |
| FTR6WD2W | Regressed | 425 / 675lm (3000K), 460 / 690lm (4000K) | 4W / 6W |
| FTA6WD2W | Adjustable | 425 / 675lm (3000K), 460 / 690lm (4000K) | 4W / 6W |
| FTR6WD2W/10 | Regressed 10 Pack | 425 / 675lm (3000K), 460 / 690lm (4000K) | 4W / 6W |
| Accessories | FT3EP24 | 3-hour emergency pack with green LED indicator | |

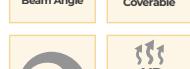
FType | MK2

LED Fire Rated Downlight
Colour Change



- Power Selectable 6W/4W & Colour Selectable 2700K/3000K/4000K/6000K.
- Choose the preferred colour temperature to suit your space. For example choose a warmer white (2700K/3000K) to create a more relaxed comfortable feel. Choose a cooler white (4000K/6000K) for rooms which are more task focused.
- Trade rated toolless SpeedFit connector - loop in/out piano key terminals for solid or stranded cable.
- QuickView Cable Window for ease of inspection - check wire connections to terminals after cables secured in place.
- Supplied with removeable Matt White slim bezel -ideal for when decorating and painting ceilings.
- Fire tested in 30, 60 and 90 minute solid timber joist and 30 minute i-joists.
- Part L1 / L2, Part C air leakage, Part E acoustic compliant.
- Available in Flat and Regressed in Polished Chrome, Brushed Steel & Matt Black bezel finish.

| Cat No. | Type | Lumens | Wattge |
|-------------|--------------|--|---------|
| FTF6WCCT | Flat | 465 / 710lm (2700K), 470 / 725lm (3000K) 485 / 750lm (4000K), 480 / 745lm (6000K) | 4W / 6W |
| FTR6WCCT | Regressed | 465 / 710lm (2700K), 470 / 725lm (3000K) 485 / 750lm (4000K), 480 / 745lm (6000K) | 4W / 6W |
| FTA6WCCT | Adjustable | 750lm (2700K, 3000K, 4000K, 6000K) | 4W / 6W |
| FTF6WCCT/10 | Flat 10 Pack | 465 / 710lm (2700K), 470 / 725lm (3000K) 485 / 750lm (4000K), 480 / 745lm (6000K) | 4W / 6W |
| Accessories | FT3EP24 | 3-hour emergency pack with green LED indicator | |



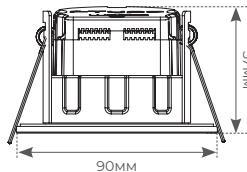


FType | Essence

LED Fire Rated Downlight



- Trade rated toolless SpeedFit connector - loop in/out piano key terminals for solid or stranded cable.
- QuickView Cable Window for ease of inspection - check wire connections to terminals after cables secured in place.
- Low profile design for shallow ceiling voids.
- Super slim bezel design for flawless unobtrusive finish.
- Supplied with removable polycarbonate Matt White bezel - ideal for when decorating and painting ceilings.
- Fire tested in 30, 60 and 90 minute solid timber joist, & 30 minute i-joists.
- Acoustic and Air leakage rated.
- Polished Chrome, Brushed Steel & Matt Black bezel accessory available.



| Cat No. | Wattage | Colour Temp | Lumens |
|----------|---------|-------------|---------------|
| EFTF5W30 | 5W | 3000K | 515lm (3000K) |
| EFTF5W40 | 5W | 4000K | 550lm (4000K) |

| Accessories | |
|-------------|--|
| FT3EP24 | 3-hour emergency pack with green LED indicator |

FType

Accessories



Brushed Steel
FTBZFB5-01 – Flat
FTBZRB5-01 – Regressed

Matt Black
FTBZFBK-01 – Flat
FTBZRBK-01 – Regressed

Polished Chrome
FTBZFP5-01 – Flat
FTBZRP5-01 – Regressed



Adaptor Plate
EFTBZAPWH



Emergency Pack
FT3EP24

Product Accessories

Flat Bezels

FTBZFBK

FTBZFB5

FTBZFP5

Regressed Bezels

FTBZRBK

FTBZRB5

FTBZRPC

Adaptor Plate

EFTBZAPWH

Emergency Pack

FT3EP24

Flat Matt Black Bezel Accessory

Brushed Steel Bezel Accessory

Polished Chrome Bezel Accessory

Regressed Matt Black Bezel Accessory

Regressed Brushed Steel Bezel Accessory

Regressed Polished Chrome Bezel Accessory

Adaptor plate for FType – Matt White – For cutouts 95mm-165mm diameter

3-hour emergency pack with green LED indicator. Suitable for all FType downlights.



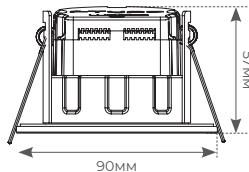
FType | Spot

Decorative LED Downlight

NEW
PRODUCT



- Trade rated tool-less SpeedFit™ connector - loop in/out piano key terminals for solid or stranded cable
- QuickView Cable Window for ease of inspection - check wire connections to terminals after cables secured in place
- Low profile design for shallow ceiling voids
- Super slim bezel design for flawless unobtrusive finish
- Supplied with removable polycarbonate Matt White bezel -ideal for when decorating and painting ceilings
- Polished Chrome, Brushed Steel & Matt Black bezel accessory available



NON FIRE-RATED: ONLY SUITABLE FOR NON FIRE RATED APPLICATIONS

| Cat No. | Wattage | Colour Temp | Lumens |
|----------|---------|-------------|---------------|
| SFTF5W30 | 5W | 3000K | 515lm (3000K) |
| SFTF5W40 | 5W | 4000K | 550lm (4000K) |





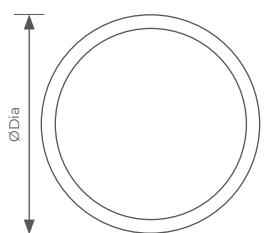
ESSENCE

Circular Downlight



- White aluminium frame with polycarbonate TpB diffuser
- Slimline design ideal for low ceiling voids
- Suitable for plasterboard or suspended ceiling systems
- Plug and play driver
- Super shallow 20mm luminaire recess depth

20mm

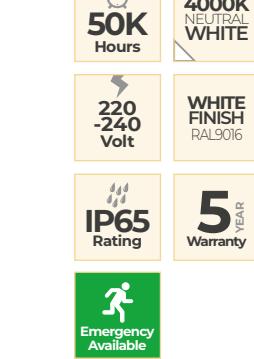


| Cat No. | Lumens | Wattage | Llm/cW | Colour Temp | Cutout | ØDia |
|-------------|--------|---------|--------|-------------|--------|------|
| ELP12W6L30 | 420 | 6W | 70 | 3000K | 110 | 120 |
| ELP12W6L40 | 420 | 6W | 70 | 4000K | 110 | 120 |
| ELP15W9L30 | 720 | 9W | 80 | 3000K | 135 | 145 |
| ELP15W9L40 | 720 | 9W | 80 | 4000K | 135 | 145 |
| ELP17W12L30 | 960 | 12W | 80 | 3000K | 160 | 170 |
| ELP17W12L40 | 960 | 12W | 80 | 4000K | 160 | 170 |
| ELP22W18L30 | 1530 | 18W | 85 | 3000K | 205 | 225 |
| ELP22W18L40 | 1530 | 18W | 85 | 4000K | 205 | 225 |
| ELP30W24L30 | 2040 | 24W | 85 | 3000K | 280 | 295 |
| ELP30W24L40 | 2040 | 24W | 85 | 4000K | 280 | 295 |

Product options

| | |
|-------------|--------------------------------------|
| ELPLDRDIM12 | Triac dimmable driver for 9W and 12W |
| ELPLDRDIM18 | Triac dimmable driver for 18W |

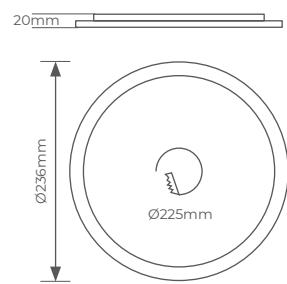




Circular IP65 Luxpanel



- IP65 Circular panel with aluminium frame finished in RAL9016
- Fixed output, dimmable drivers available wireless controls compatible
- Recessed mounted. Suitable for use in 15 or 24mm standard exposed grid ceilings or plasterboard



| Cat No. | Lumens | Wattage | Llm/cW | Cutout |
|-------------|--------|---------|--------|--------|
| LPIP240WS40 | 1200 | 16W | 75 | 225mm |

| Product Options | |
|------------------|--|
| Digital Dimmable | Insert D, e.g LPIP240WD40 |
| LED3EP2W | Remote Emergency Pack |
| LED3EP80EST | Self-Test Remote Emergency Pack |
| LED3EP80DED | DALI Addressable Remote Emergency Pack |



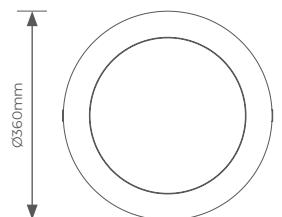


Neo Downlight

NEW PRODUCT



- Adjustable cut-out size suitable for hole sizes 65-260mm
- Power change 15W & 23W
- CCT Change 3000K, 4000K & 6000K



Carbon

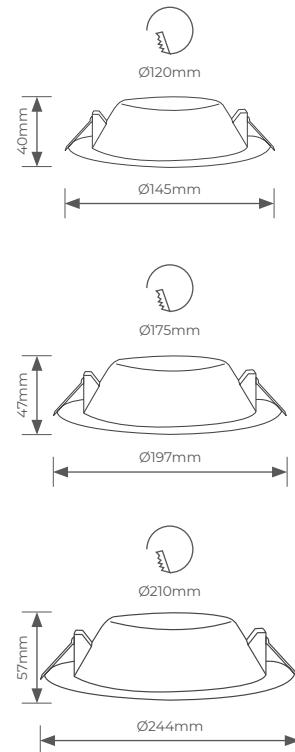


- Commercial LED downlight with plug and play loop in loop out driver
- White polycarbonate body with opal diffuser
- 1000-2000 lumens designed to replace PL type downlights and maximise savings
- Recessed mounted suitable for plasterboard or suspended ceiling systems

| Cat No. | Lumens | Wattage | Llm/cW | Cutout |
|-----------|--------|---------|--------|--------|
| LBDL4S40 | 1000 | 9.5W | 105 | 120mm |
| LBDL6S40 | 1500 | 13.5W | 111 | 175mm |
| LBDL8S40 | 2000 | 18W | 111 | 210mm |
| LBDL8HS40 | 2500 | 22W | 113 | 210mm |

Product Options

| | |
|------------------|--|
| Digital Dimmable | Insert D, e.g LBDL6D40 |
| LED3EP2W | Remote Emergency Pack |
| LED3EP1004W | Self-Test Remote Emergency Pack |
| LED3EP80DED | DALI Addressable Remote Emergency Pack |



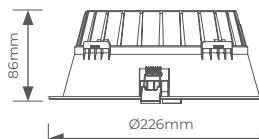
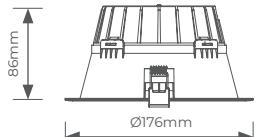


Carbon Ultra Downlight

NEW PRODUCT



- Recessed mounted suitable for plasterboard or suspended ceiling systems
- Offering up to 130Lm/W whilst providing less distracting glare – reducing eye fatigue and providing a more comfortable ambience
- CCT Change 3000K & 4000K

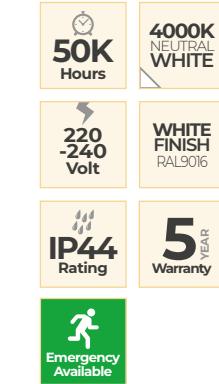


| Cat No. | Lumens | Wattage | Llm/cW | Cutout |
|----------|--------|---------|--------|--------|
| LCU6SCCT | 1900 | 15W | 126 | 150mm |
| LCU8SCCT | 2650 | 21W | 126 | 200mm |

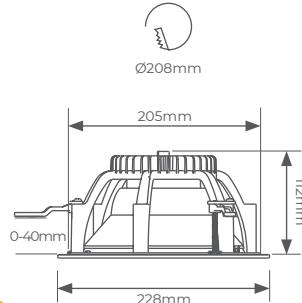
Product Options

| | |
|------------------------------|-----------------------------|
| Digital Dimmable | Insert D, e.g LCU6DCCT |
| Add Luceco Platform Wireless | Insert LPW, e.g. LCU6LPWCCT |
| LED3EP2W | Remote Emergency Pack |





Swing tab installation



Platinum



- Die-cast aluminium body designed to provide optimal thermal control with aluminium bezel with aluminium reflector
- High performance downlight with efficacy up to 132 Llm/cW with gloss/matt reflector
- Recessed mounted with unique swing tab design for quick and easy installation. Cutout is 208mm

| Cat No. | Finish | Lumens | Wattage | Llm/cW |
|--------------|--------|--------|---------|--------|
| LDP20W12GS40 | Gloss | 1250 | 10W | 125 |
| LDP20W12MS40 | Matt | 1250 | 10W | 125 |
| LDP20W16GS40 | Gloss | 1650 | 13W | 126 |
| LDP20W16MS40 | Matt | 1650 | 13W | 126 |
| LDP20W25GS40 | Gloss | 2500 | 19W | 131 |
| LDP20W25MS40 | Matt | 2500 | 19W | 131 |
| LDP20W33GS40 | Gloss | 3300 | 26W | 126 |
| LDP20W33MS40 | Matt | 3300 | 26W | 126 |

Product Options

| | |
|------------------|--|
| Digital Dimmable | Insert D, e.g LDP20W12GD40 |
| LED3EP2W | Remote Emergency Pack |
| LED3EP1004W | Self-Test Remote Emergency Pack |
| LED3EP80DED | DALI Addressable Remote Emergency Pack |

Platinum Accessories



LDP20BWHIPF



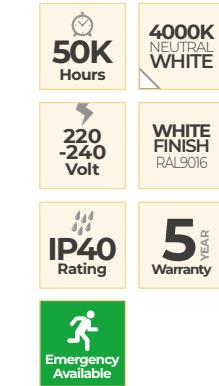
LDP20BPC



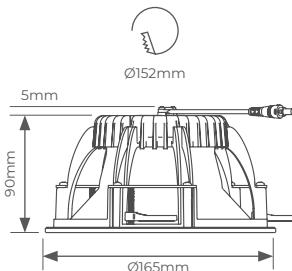
LDP20BBS

Product Accessories

| | |
|-------------|---|
| LDP20BWHEM | White Bezel Accessory with Emergency Indicator - IP44 |
| LDP20BPC | Polished Chrome Bezel Accessory - IP44 |
| LDP20BBS | Brushed Steel Bezel Accessory - IP44 |
| LDP20BB | Black Bezel Accessory - IP44 |
| LDP20BWHHD | Decorative Glass Bezel Accessory, White, Dropped Halo - IP44 |
| LDP20BWHDF | Decorative Glass Bezel Accessory, White, Frosted Glass - IP44 |
| LDP20BWHIPF | IP65 White Bezel Accessory - Frosted Diffuser |
| LDP20BWHIP | IP65 White Bezel Accessory - Clear Diffuser |



Swing tab installation



Platinum Mini



- Die-cast aluminium body designed to provide optimal thermal control with aluminium bezel and aluminium reflector
- Recessed high performance downlight with efficacy up to 133Lm/cW, with choice of gloss or matt reflector
- Recessed mounted with unique swing tab design for quick and easy installation. Cutout is 152mm

| Cat No. | Finish | Lumens | Wattage | Lm/cW |
|--------------|--------|--------|---------|-------|
| LDP15W11GS40 | Gloss | 1050 | 8W | 131 |
| LDP15W11MS40 | Matt | 1050 | 8W | 131 |
| LDP15W16GS40 | Gloss | 1600 | 12W | 133 |
| LDP15W16MS40 | Matt | 1600 | 12W | 133 |
| LDP15W25GS40 | Gloss | 2500 | 20W | 125 |
| LDP15W25MS40 | Matt | 2500 | 20W | 125 |
| LDP15W33GS40 | Gloss | 3300 | 27W | 122 |
| LDP15W33MS40 | Matt | 3300 | 27W | 122 |

Product Options

| | |
|------------------|--|
| Digital Dimmable | Insert D, e.g LDP15W11GD40 |
| LED3EP2W | Remote Emergency Pack |
| LED3EP1004W | Self-Test Remote Emergency Pack |
| LED3EP80DED | DALI Addressable Remote Emergency Pack |

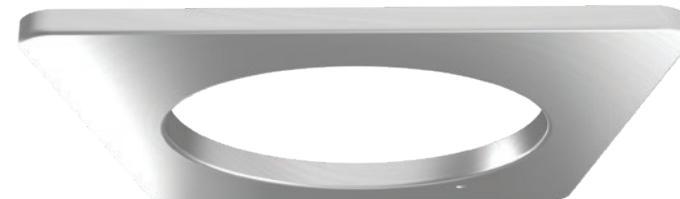
Platinum Mini Accessories



LDP15BPC



LDP15BWHDF



LDP15BSQPC

Product Accessories

| | |
|------------|--------------------------------------|
| LDP15BPC | Circular Bezel – Polished Chrome |
| LDP15BBS | Circular Bezel – Brushed Steel |
| LDP15BWHEM | Circular Bezel EM – White |
| LDP15BWHIP | Clear Diffuser – White |
| LDP15BSQWH | Square Bezel – White |
| LDP15BSQPC | Square Bezel – Polished Chrome |
| LDP15BSQBS | Square Bezel – Brushed Steel |
| LDP15BWHDF | Drop Glass Frosted – White |
| LDP15BPCDF | Drop Glass Frosted – Polished Chrome |
| LDP15BBSDF | Drop Glass Frosted – Brushed Steel |

TRAFFORD GENERAL HOSPITAL – GREATER MANCHESTER

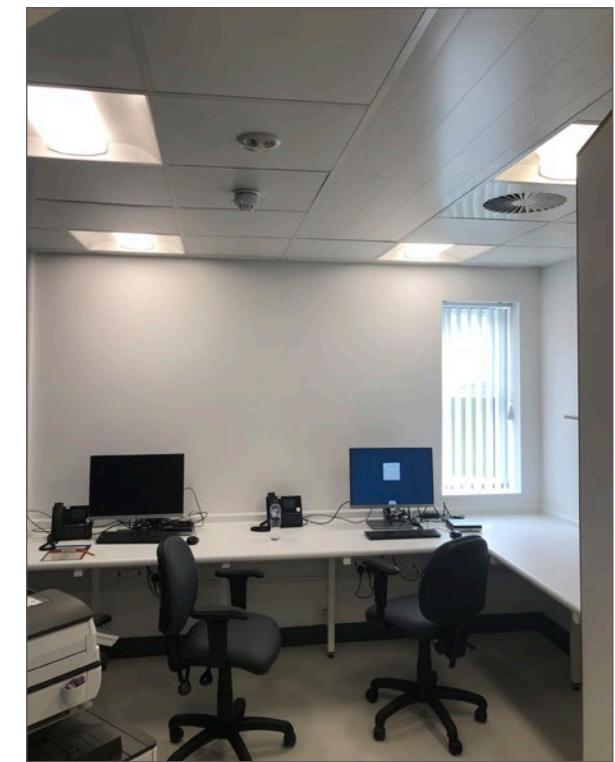
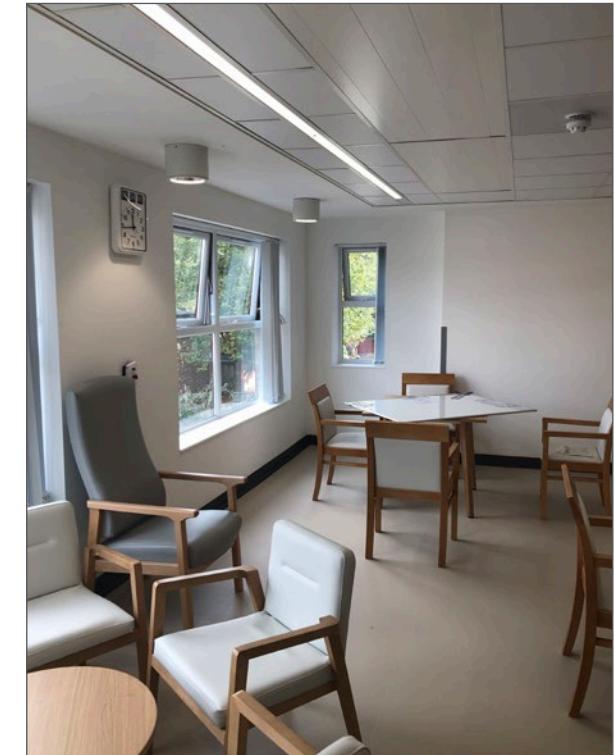
Following the success of considerable energy savings as a result of recent lighting refurbishments utilising wireless lighting controls, Luceco was pleased to supply luminaires for further wards within Trafford General Hospital in Greater Manchester. Managed by Manchester University NHS Foundation Trust, the hospital is renowned for being the Birthplace of the NHS.

Luceco Wireless Lighting Controls were specified by SI Sealy in association with the Estates and Facilities Department. The design was put forward for an architectural award due to the innovative use of the lighting controls overseeing lighting levels throughout the day and night. With the ward's inhabitants primarily elderly and suffering dementia, the lit environment was programmed to reduce to low levels, but with luminaires never off completely. This ensured patients did not become disorientated, their welfare was of paramount importance to the lighting design. Over 250 Wireless Lighting Controlled luminaires were installed in TGH Ward 17/18 including LuxPanels, Epsilon, recessed and suspended Contour, Platinum, Platinum Surface, and Element downlighters.

Recessed Contour was used in the Day Room and Suspended Contour on the wards. Seamless runs of energy saving cost effective LED lighting can be created with Contour with the added benefit of 100,000 hours maintenance free operational life. Platinum is a high performance downlight with an efficacy up to 130 Llm/cW. Recent enhancements to Platinum include a further optimised heatsink and a reduction in bezel thickness from 6mm to 2.5mm on a standard IP44 bezel as well as being magnetic.

The other downlighter used throughout the refurbishment was Element, a Fire-Rated luminaire suitable for applications with small ceiling voids. I-Joist certified in accordance with BS 476-21 for 30 minute I-Joist ceiling applications, variants include standard output or dimmable in either 3000K warm white or 4000K, all with an efficacy of 100Llm/cW.

Richard Horton, Business Development Manager from Luceco said. "The project was delivered on budget and current running costs show savings of 23% above the designed results." SI Sealy are one of the largest specialists building services engineering design consultancies in the North of England, and the electrical contractor was AC Electrical, Bredbury, near Stockport.





Commercial

Recessed, surface and suspended mounting lighting for offices, classrooms and other commercial environments with our luminaires playing a pivotal role in the overall performance of the space.

A complete range of flexible, high quality lighting and accessories suitable for all applications.



Luxpanel Essence 600x600 **44**

Luxpanel Essence 1200x600 **45**

Luxpanel Backlit Extra 600x600 **48**

Luxpanel Backlit Extra 1200x300 **49**

Luxpanel Backlit Extra 1200x600 **50**

Luxpanel Backlit Extra IP65 600x600 **51**

Luxpanel Backlit Extra IP65 1200x300 **52**

Luxpanel Backlit Extra IP65 1200x600 **53**

Epsilon **56**

Luxframe Panel 600x600 **58**

Opus Essence **60**

Opus **62**

Academy **64**

Leren Suspended **66**

Leren Surface **68**

Contour Suspended **70**

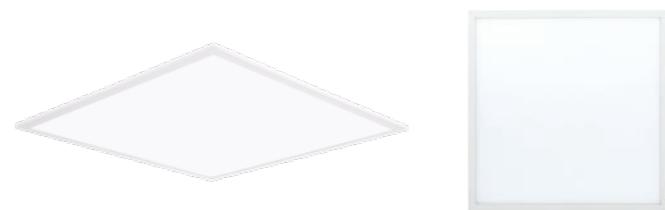
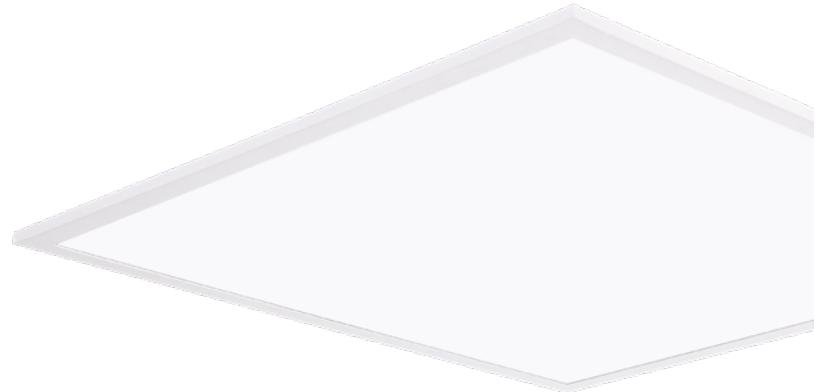
Contour Suspended Direct/Indirect **72**

Contour Recessed **74**



Luxpanel Essence
600x600

**NEW
PRODUCT**

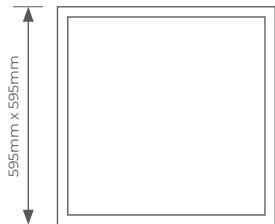


- Backlit LED technology with slimline 27mm depth
- White aluminium frame with TPb UGR19 compliant diffuser
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids

| Cat No. | Type | Lumens | Wattage | Llm/cW | Colour Temp |
|-------------|--------------|--------|---------|--------|-------------|
| LES66W28L40 | Fixed Output | 2800 | 25.5W | 127 | 4000K |
| LES66W28D40 | Dimmable | 2800 | 25.5W | 127 | 4000K |
| LES66W28L30 | Fixed Output | 2800 | 25.5W | 130 | 3000K |
| LES66W28L60 | Fixed Output | 2800 | 25.5W | 110 | 6000K |
| LES66W35L40 | Fixed Output | 3500 | 32W | 130 | 4000K |
| LES66W35D40 | Dimmable | 3500 | 32W | 130 | 4000K |

Product Options

| Cat No. | Product Description |
|-------------|---------------------------------|
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |



Luxpanel Essence
1200x600

**NEW
PRODUCT**

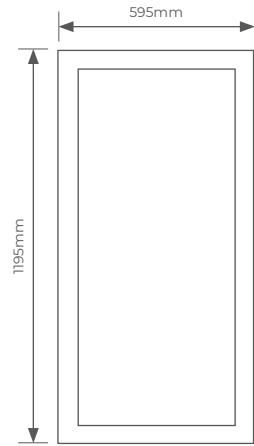


- Backlit LED technology with slimline 27mm depth
- White aluminium frame with TPb UGR19 compliant diffuser
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids

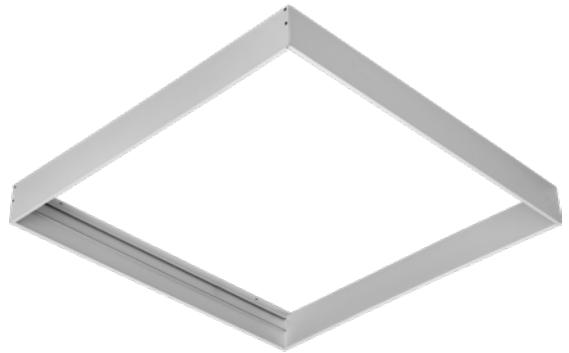
| Cat No. | Type | Lumens | Wattage | Llm/cW | Colour Temp |
|--------------|--------------|--------|---------|--------|-------------|
| LES612W50L40 | Fixed Output | 5000 | 45W | 111 | 4000K |
| LES612W50D40 | Dimmable | 5000 | 45W | 111 | 4000K |

Product Options

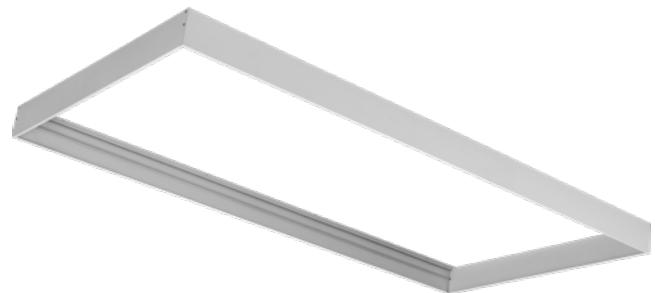
| Cat No. | Product Description |
|-------------|---------------------------------|
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |



Luxpanel Accessories



| Cat No. | Description |
|----------|-------------------------------|
| EBPSF66W | 600x600mm White Surface Frame |

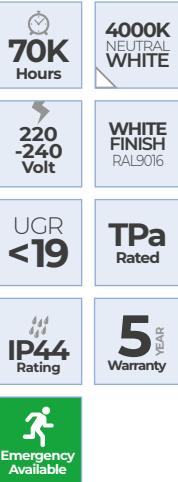


| Cat No. | Description |
|-----------|--------------------------------|
| EBPSF612W | 1200x600mm White Surface Frame |

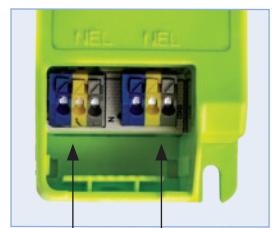


| Cat No. | Description |
|-----------|----------------------------------|
| EBPWSK415 | 4 Point 1.5m Wire Suspension Kit |

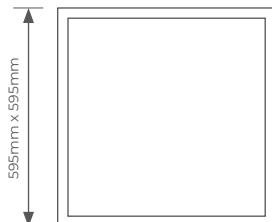




Luxpanel Backlit Extra
600x600



Loop In (NEL): Neutral, Earth, Live
Loop Out (NEL): Neutral, Earth, Live



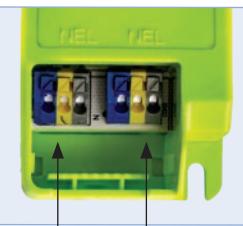
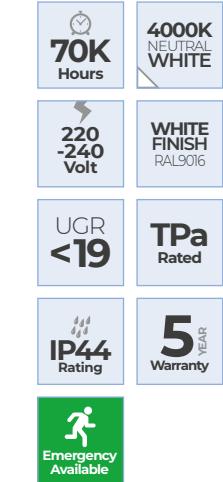
- Backlit LED panel with slimline 30mm depth finished in RAL9016 white
- Plug-and-play ENEC approved loop in-out driver with power change dip switch on fixed output versions
- 600x600mm white aluminium frame with TPa rated diffuser and UGR19 compliant
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids
- Rear safety wire suspension points as standard

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|-------------|--------------|-------------|------------|--------|
| LBX66WLS40 | Fixed Output | 2000 / 2800 | 14 / 20W | 143 |
| LBX66WHS40 | Fixed Output | 3500 / 4200 | 24.5 / 30W | 143 |
| LBX66W20D40 | Dimmable | 2000 | 14W | 147 |
| LBX66W28D40 | Dimmable | 2800 | 20W | 140 |
| LBX66W35D40 | Dimmable | 3500 | 24.5W | 143 |
| LBX66W42D40 | Dimmable | 4200 | 30W | 140 |

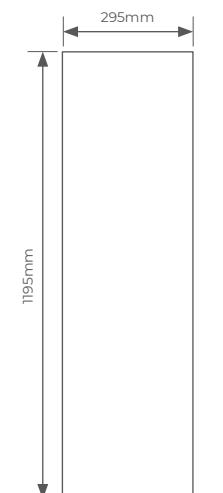
Product Options

| Cat No. | Product Options |
|---------------|---------------------------------------|
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |
| LBX66W28LPW40 | Luceco Platform Wireless – insert LPW |

Luxpanel Backlit Extra
1200x300



Loop In (NEL): Neutral, Earth, Live
Loop Out (NEL): Neutral, Earth, Live



- Backlit LED panel with slimline 30mm depth finished in RAL9016 white
- Plug-and-play ENEC approved loop in-out driver with power change dip switch on fixed output versions
- 1200x300mm white aluminium frame with TPa rated diffuser and UGR19 compliant
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids
- Rear safety wire suspension points as standard

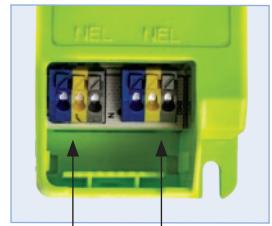
| Cat No. | Type | Lumens | Wattage | Llm/cW |
|--------------|--------------|-------------|------------|--------|
| LBX312WLS40 | Fixed Output | 2000 / 2800 | 15 / 22W | 133 |
| LBX312WHS40 | Fixed Output | 3500 / 4200 | 26.5 / 33W | 128 |
| LBX312W20D40 | Dimmable | 2000 | 15W | 133 |
| LBX312W28D40 | Dimmable | 2800 | 22W | 128 |
| LBX312W35D40 | Dimmable | 3500 | 26.5W | 128 |
| LBX312W42D40 | Dimmable | 4200 | 33W | 128 |

Product Options

| Cat No. | Product Options |
|----------------|---------------------------------------|
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |
| LBX312W28LPW40 | Luceco Platform Wireless – insert LPW |

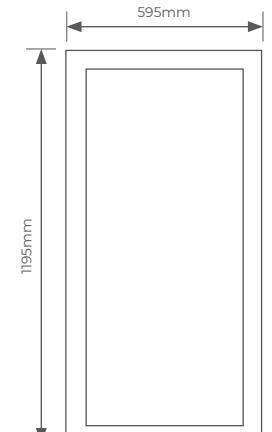


Luxpanel Backlit Extra
1200x600



Loop In (NEL):
 • Neutral
 • Earth
 • Live

Loop Out (NEL):
 • Neutral
 • Earth
 • Live



30mm



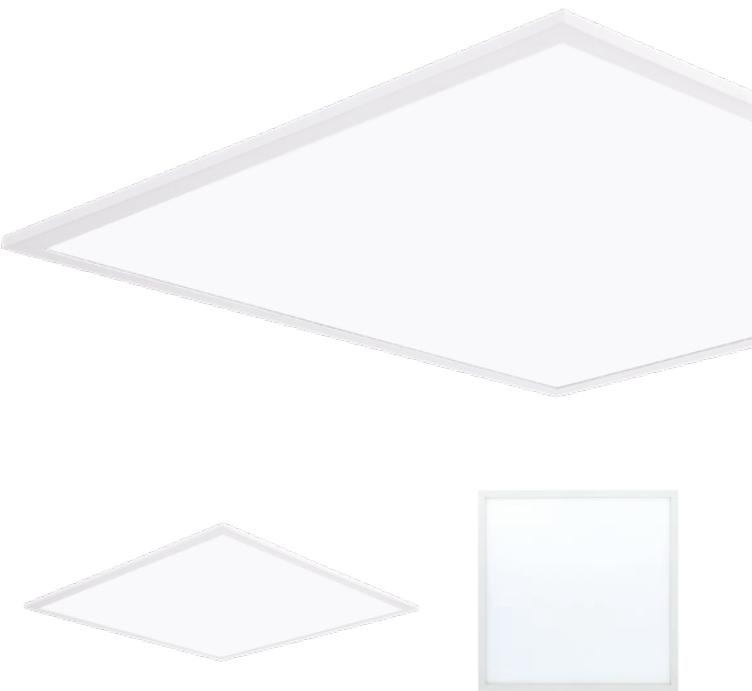
- Backlit LED panel with slimline 30mm depth finished in RAL9016 white
- Plug-and-play ENEC approved loop in-out driver with power change dip switch on fixed output versions
- 1200x600mm white aluminium frame with TPa rated diffuser and UGR19 compliant
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids
- Rear safety wire suspension points as standard

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|--------------|--------------|-------------|----------|--------|
| LBX612WS40 | Fixed Output | 4250 / 5000 | 31 / 36W | 139 |
| LBX612W42D40 | Dimmable | 4250 | 31W | 137 |
| LBX612W50D40 | Dimmable | 5000 | 36W | 139 |

Product Options

| | |
|----------------|--|
| Cat No. | |
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |
| LBX612W28LPW40 | Luceco Platform Wireless – insert LPW |

Luxpanel Backlit Extra IP65
600x600

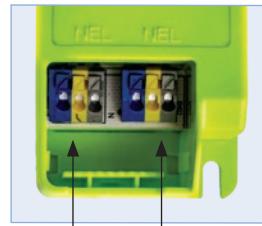
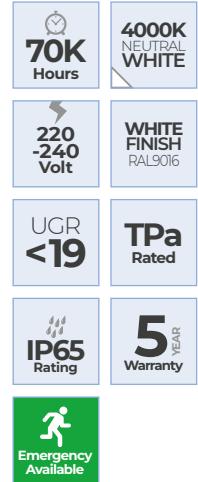


- IP65 rated backlit LED panel with slimline 30mm depth finished in RAL9016 white
- Plug-and-play ENEC approved loop in-out driver with power change dip switch on fixed output versions
- 600x600mm white aluminium frame with TPa rated diffuser and UGR19 compliant
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids
- Rear safety wire suspension points as standard

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|--------------|--------------------|-------------|------------|--------|
| LBX66IPLS40 | Wattage Selectable | 2000 / 2800 | 14 / 20W | 143 |
| LBX66IPHS40 | Wattage Selectable | 3500 / 4200 | 24.5 / 30W | 143 |
| LBX66IP20D40 | Dimmable | 2000 | 14W | 143 |
| LBX66IP28D40 | Dimmable | 2800 | 20W | 140 |
| LBX66IP35D40 | Dimmable | 3500 | 24.5W | 140 |
| LBX66IP42D40 | Dimmable | 4200 | 30W | 143 |

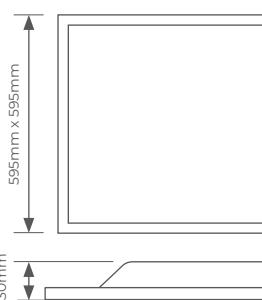
Product Options

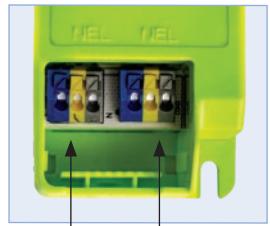
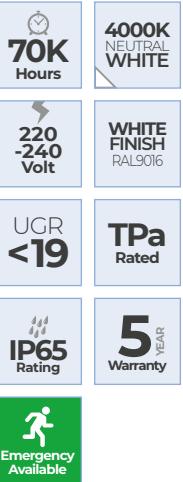
| | |
|----------------|--|
| Cat No. | |
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |
| LBX66IP28LPW40 | Luceco Platform Wireless – insert LPW |



Loop In (NEL):
 • Neutral
 • Earth
 • Live

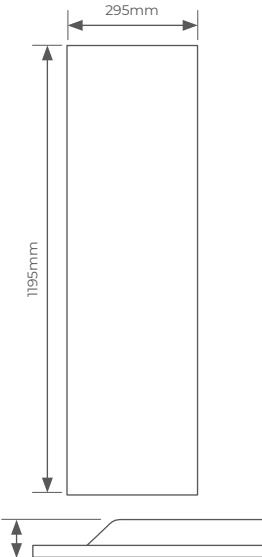
Loop Out (NEL):
 • Neutral
 • Earth
 • Live





Loop In (NEL):
 • Neutral
 • Earth
 • Live

Loop Out (NEL):
 • Neutral
 • Earth
 • Live



Luxpanel Backlit Extra IP65
1200x300



- IP65 rated backlit LED panel with slimline 30mm depth finished in RAL9016 white
- Plug-and-play ENEC approved loop in-out driver with power change dip switch on fixed output versions
- 1200x300mm white aluminium frame with TPa rated diffuser and UGR19 compliant
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids
- Rear safety wire suspension points as standard

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|---------------|--------------|-------------|------------|--------|
| LBX312IPLS40 | Fixed Output | 2000 / 2800 | 15 / 22W | 133 |
| LBX312IPHS40 | Fixed Output | 3500 / 4200 | 26.5 / 33W | 128 |
| LBX312IP20D40 | Dimmable | 2000 | 15W | 133 |
| LBX312IP28D40 | Dimmable | 2800 | 22W | 128 |
| LBX312IP35D40 | Dimmable | 3500 | 26.5W | 128 |
| LBX312IP42D40 | Dimmable | 4200 | 33W | 128 |

Product Options

| Cat No. | |
|-----------------|---------------------------------------|
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |
| LBX312IP28LPW40 | Luceco Platform Wireless – insert LPW |

Luxpanel Backlit Extra IP65
1200x600

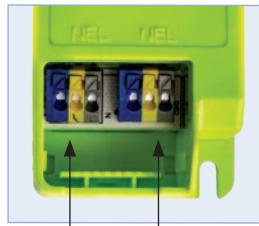


- IP65 rated backlit LED panel with slimline 30mm depth finished in RAL9016 white
- Plug-and-play ENEC approved loop in-out driver with power change dip switch on fixed output versions
- 1200x600mm white aluminium frame with TPa rated diffuser and UGR19 compliant
- Recessed mounted suitable for use in 15mm or 24mm standard exposed ceiling grids
- Rear safety wire suspension points as standard

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|---------------|--------------|-------------|----------|--------|
| LBX612IPWS40 | Fixed Output | 4250 / 5000 | 31 / 36W | 139 |
| LBX612IP42D40 | Dimmable | 4250 | 31W | 137 |
| LBX612IP50D40 | Dimmable | 5000 | 36W | 139 |

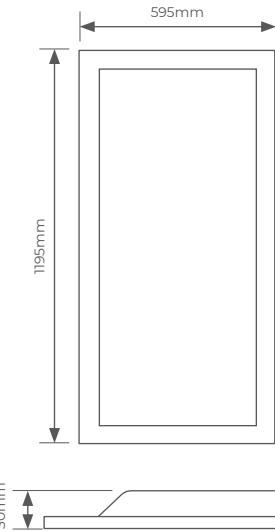
Product Options

| Cat No. | |
|-----------------|---------------------------------------|
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |
| LBX612IP28LPW40 | Luceco Platform Wireless – insert LPW |



Loop In (NEL):
 • Neutral
 • Earth
 • Live

Loop Out (NEL):
 • Neutral
 • Earth
 • Live



Luxpanel Accessories



| Cat No. | Description |
|---------|----------------------------------|
| LPF66W | 600x600mm RAL 9016 Surface Frame |



| Cat No. | Description |
|---------|----------------------------------|
| LPF612W | 1200x600mm RAL9016 Surface Frame |



| Cat No. | Description |
|---------|----------------------------------|
| LPF312W | 1200x300mm RAL9016 Surface Frame |



| Cat No. | Description |
|-----------|----------------------------------|
| EBPWSK415 | 4 Point 1.5m Wire Suspension Kit |

Maintained Emergency Pack

- 2W 3 hour Maintained Emergency
- User replaceable LiFePo Battery
- Supplied with all required connectors
- 4 Year Warranty

| Cat No. | Description |
|----------|---------------------------|
| LED3EP2W | Maintained Emergency Pack |



Self-Test Emergency Pack

- 4W 3 hour Emergency Self test as standard
- DALI Loop In/Out terminals
- User replaceable LiFePo Battery
- Supplied with all required connectors
- 5 Year Warranty

| Cat No. | Description |
|-------------|--------------------------|
| LED3EP1004W | Self-Test Emergency Pack |



DALI Addressable Emergency Pack

- Universal remote emergency pack for use with Luceco luminaires
- DALI Self test mode for automatic testing and reporting
- Supplied with all the required connections

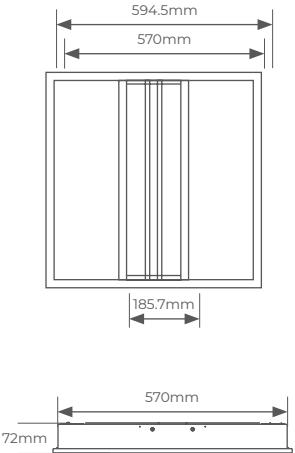
| Cat No. | Description |
|-------------|--|
| LED3EP80DED | DALI Addressable Remote Emergency Pack |





Epsilon

- Direct/Indirect recessed luminaire for low glare applications
- White painted steel body with micropism optic which can assist with UGR19 compliant designs or opal diffuser
- 595x595mm, 2500 to 4200 Lumens, efficacy up to 139Llm/cW
- Recessed mounted in 15 or 24mm exposed T-bar ceiling



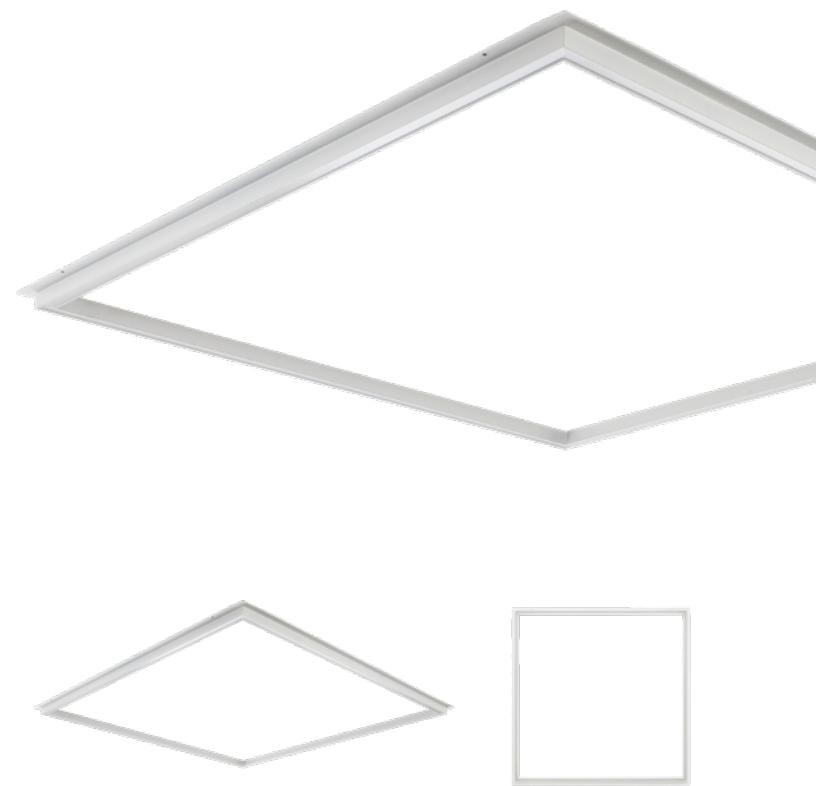
| Cat No. | Type | Lumens | Wattage | Lm/cW |
|--------------|--------------|--------|---------|-------|
| LEP66WM25S40 | Fixed Output | 2500 | 18W | 139 |
| LEP66WM25D40 | Dimmable | 2500 | 18W | 139 |
| LEP66WM35S40 | Fixed Output | 3500 | 26W | 135 |
| LEP66WM35D40 | Dimmable | 3500 | 26W | 135 |
| LEP66WM42S40 | Fixed Output | 4200 | 33W | 127 |
| LEP66WM42D40 | Dimmable | 4200 | 33W | 127 |

| Product Options | |
|-----------------|---------------------------------|
| Cat No. | |
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |

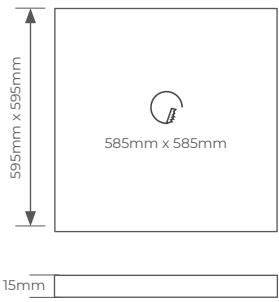




Luxframe Panel 600x600



- Designed to deliver functional general lighting in an architectural interesting way, for areas that welcome something different
- Semi-recessed mounted in 15mm or 24mm exposed grid ceilings. Ceiling tile is placed back onto fixture



| Cat No. | Type | Lumens | Wattage | Llm/cW |
|--------------|--------------|--------|---------|--------|
| LPSF66W20S40 | Fixed Output | 2000 | 22W | 91 |
| LPSF66W20D40 | Dimmable | 2000 | 22W | 91 |
| LPSF66W28S40 | Fixed Output | 2800 | 31W | 90 |
| LPSF66W28D40 | Dimmable | 2800 | 31W | 90 |
| LPSF66W35S40 | Fixed Output | 3500 | 41W | 85 |
| LPSF66W35D40 | Dimmable | 3500 | 41W | 85 |

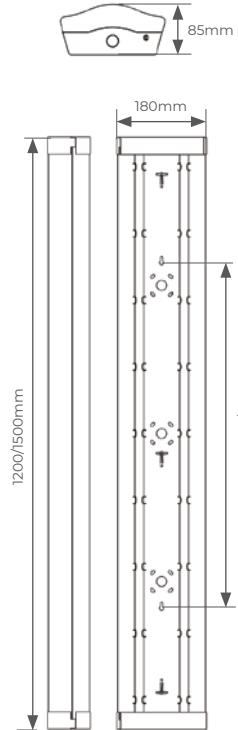
| Product Options | |
|-----------------|---------------------------------|
| Cat No. | |
| LED3EP2W | Maintained Emergency Pack |
| LED3EP1004W | Self-Test Emergency Pack |
| LED3EP80DED | DALI Addressable Emergency Pack |





Opus ESSENCE

NEW
PRODUCT



- Power Change, 4ft & 5ft bodies each switchable between High/Low output
- CCT Change – 3000K, 4000K & 6500K switchable
- Efficacy of up to 130Lm/W

| Cat No. | Type | Lumens | Wattage | Length |
|------------|--------------|-----------|---------|--------|
| LOE12WLS40 | Fixed Output | 2860/5200 | 22/40 | 1200mm |
| LOE12WLE40 | Fixed Output | 2860/5200 | 22/40 | 1200mm |
| LOE15WLS40 | Fixed Output | 4420/7800 | 34/60 | 1500mm |
| LOE15WLE40 | Fixed Output | 4420/7800 | 34/60 | 1500mm |

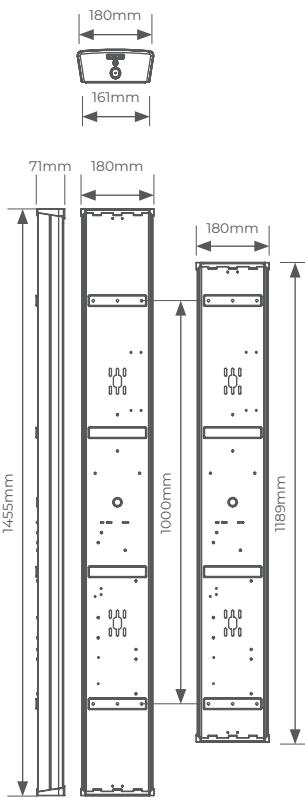
Product Accessories

LOEMW Microwave Sensor





Opus



- White painted steel body with polycarbonate opal diffuser and secured end caps
- Two body sizes with low and high output options available, with efficacy up to 133Llm/cW
- Surface or suspension mounted with BESA fixing and central cable entry

| Cat No. | Type | Lumens | Wattage | Llm/cW | Nominal Length |
|-------------|--------------|--------|---------|--------|----------------|
| LOP12022S40 | Fixed Output | 2200 | 17W | 129 | 1200mm |
| LOP12022E40 | Emergency | 2200 | 17W | 129 | 1200mm |
| LOP12040S40 | Fixed Output | 4000 | 30W | 133 | 1200mm |
| LOP12040E40 | Emergency | 4000 | 30W | 133 | 1200mm |
| LOP15032S40 | Fixed Output | 3200 | 28W | 114 | 1500mm |
| LOP15032E40 | Emergency | 3200 | 28W | 114 | 1500mm |
| LOP15060S40 | Fixed Output | 6000 | 52W | 115 | 1500mm |
| LOP15060E40 | Emergency | 6000 | 52W | 115 | 1500mm |
| LOP15080S40 | Fixed Output | 8000 | 70W | 114 | 1500mm |
| LOP15080E40 | Emergency | 8000 | 70W | 114 | 1500mm |

Product Options

| | |
|---------------------|-------------------------------------|
| Dimmable | Insert D, eg. LOP12022D40 |
| Emergency Dimmable | Insert ED, eg. LOP12022ED40 |
| Microwave | Insert MW, e.g. LOP12022S40MW |
| Emergency Microwave | Insert E and MW, e.g. LOP12022E40MW |

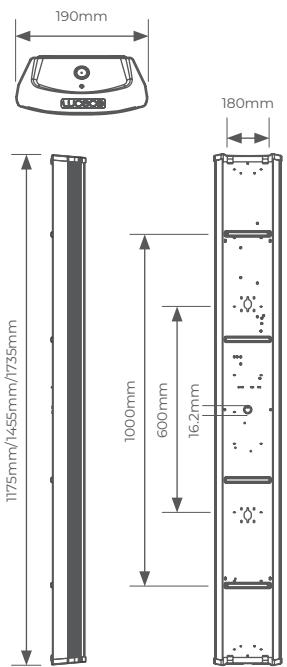




Academy



- White painted steel body finished in RAL9016 with microprism polycarbonate opal diffusers. Polycarbonate secured endcaps
- Three body sizes with low and high output options and uniform light distribution. High and low output available with efficacy up to 160Lm/cW
- Surface or suspension mounted with BESA fixing and central cable entry

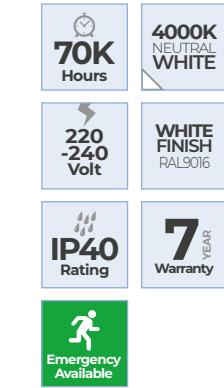


| Cat No. | Type | Lumens | Wattage | Llm/cW | Nominal Length |
|-------------|--------------|--------|---------|--------|----------------|
| LAC12P22S40 | Fixed Output | 2200 | 14W | 157 | 1260mm |
| LAC12P22E40 | Emergency | 2200 | 14W | 157 | 1260mm |
| LAC12P40S40 | Fixed Output | 4000 | 25W | 160 | 1260mm |
| LAC12P40E40 | Emergency | 4000 | 25W | 160 | 1260mm |
| LAC15P32S40 | Fixed Output | 3200 | 20W | 160 | 1560mm |
| LAC15P32E40 | Emergency | 3200 | 20W | 160 | 1560mm |
| LAC15P60S40 | Fixed Output | 6000 | 38W | 158 | 1560mm |
| LAC15P60E40 | Emergency | 6000 | 38W | 158 | 1560mm |
| LAC18P45S40 | Fixed Output | 4500 | 28W | 161 | 1825mm |
| LAC18P45E40 | Emergency | 4500 | 28W | 161 | 1825mm |
| LAC18P80S40 | Fixed Output | 8000 | 50W | 160 | 1825mm |
| LAC18P80E40 | Emergency | 8000 | 50W | 160 | 1825mm |

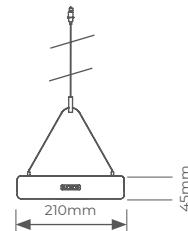
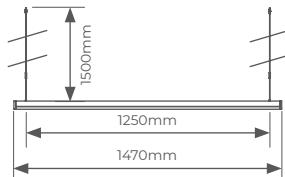
Product Options

| | |
|------------------------------|--------------------------------------|
| Dimmable | Insert D, eg. LAC12P22D40 |
| Emergency Dimmable | Insert ED, eg. LAC12P22ED40 |
| Microwave | Insert MW, eg. LAC12P22S40MW |
| Emergency Microwave | Insert E and MW, eg. LAC12P22E40MW |
| Dimmable Microwave | Insert D and MW, eg. LAC12P22D40MW |
| Emergency Dimmable Microwave | Insert ED and MW, eg. LAC12P22ED40MW |





Continuous linear solution



Leren Suspended



- Direct/Indirect continuous linear suspended system, has been truly designed with the installation and application in mind
- Slim aluminium extrusion finished in RAL9016 (brilliant white), offers superior quality lighting for any education or commercial environment
- This complete solution offers blank infill sections and ceiling rose accessories, with through wiring as standard

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|--------------|--------------------|--------|---------|--------|
| LER15W40S40 | Fixed Output | 4000 | 31W | 129 |
| LER15W40E40 | Emergency | 4000 | 31W | 129 |
| LER15W40D40 | Dimmable | 4000 | 31W | 129 |
| LER15W40ED40 | Emergency Dimmable | 4000 | 31W | 129 |
| LER15W52S40 | Fixed Output | 5200 | 40W | 130 |
| LER15W52E40 | Emergency | 5200 | 40W | 130 |
| LER15W52D40 | Dimmable | 5200 | 40W | 130 |
| LER15W52ED40 | Emergency Dimmable | 5200 | 40W | 130 |
| LER15W75S40 | Fixed Output | 7500 | 59W | 127 |
| LER15W75E40 | Emergency | 7500 | 59W | 127 |
| LER15W75D40 | Dimmable | 7500 | 59W | 127 |
| LER15W75ED40 | Emergency Dimmable | 7500 | 59W | 127 |

Product Options

| | |
|-----------------------------|--|
| Emergency Dimmable | Insert ED, eg. LER15W40ED40 |
| Emergency with PIR | Insert PIR, eg. LER15W40E40PIR |
| Dimmable with PIR | Insert PIR, eg. LER15W40D40PIR |
| Emergency Dimmable with PIR | Insert ED and PIR, eg. LER15W40ED40PIR |
| Self-Test Emergency | Insert EST, eg. LER15W40EST40 |
| DALI Addressable | Insert DED, eg. LER15W40DED40 |

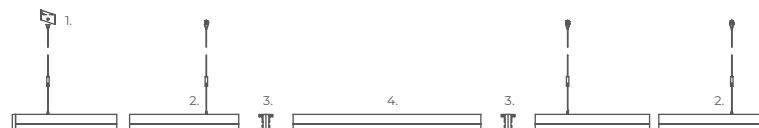
Infills and Accessories



Example Layout

Key:

1. LERCR15 2. LER15W***40 3. LERCON 4. LER*WMOD



LER*WMOD

Key:

1. LER6WMOD 2. LER9WMOD 3. LER12WMOD 4. LER15WMOD

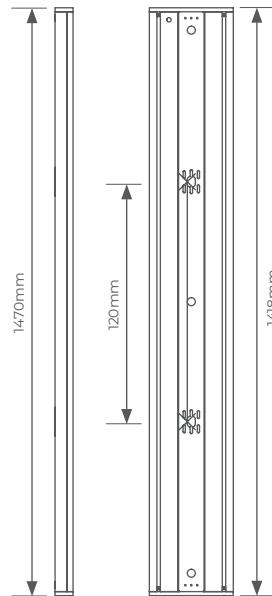
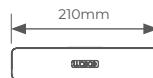


| Cat No. | Description | Length (mm) | Width(mm) | Height(mm) |
|-----------|----------------------|-------------|-----------|------------|
| LER6WMOD | Blank Module | 580 | 210 | 45 |
| LER9WMOD | Blank Module | 870 | 210 | 45 |
| LER12WMOD | Blank Module | 1160 | 210 | 45 |
| LER15WMOD | Blank Module | 1450 | 210 | 45 |
| LERCON | Mechanical Connector | 102 | 210 | 45 |
| LERCR15 | Ceiling Rose | 210 | 45 | 30 |





Leren Surface

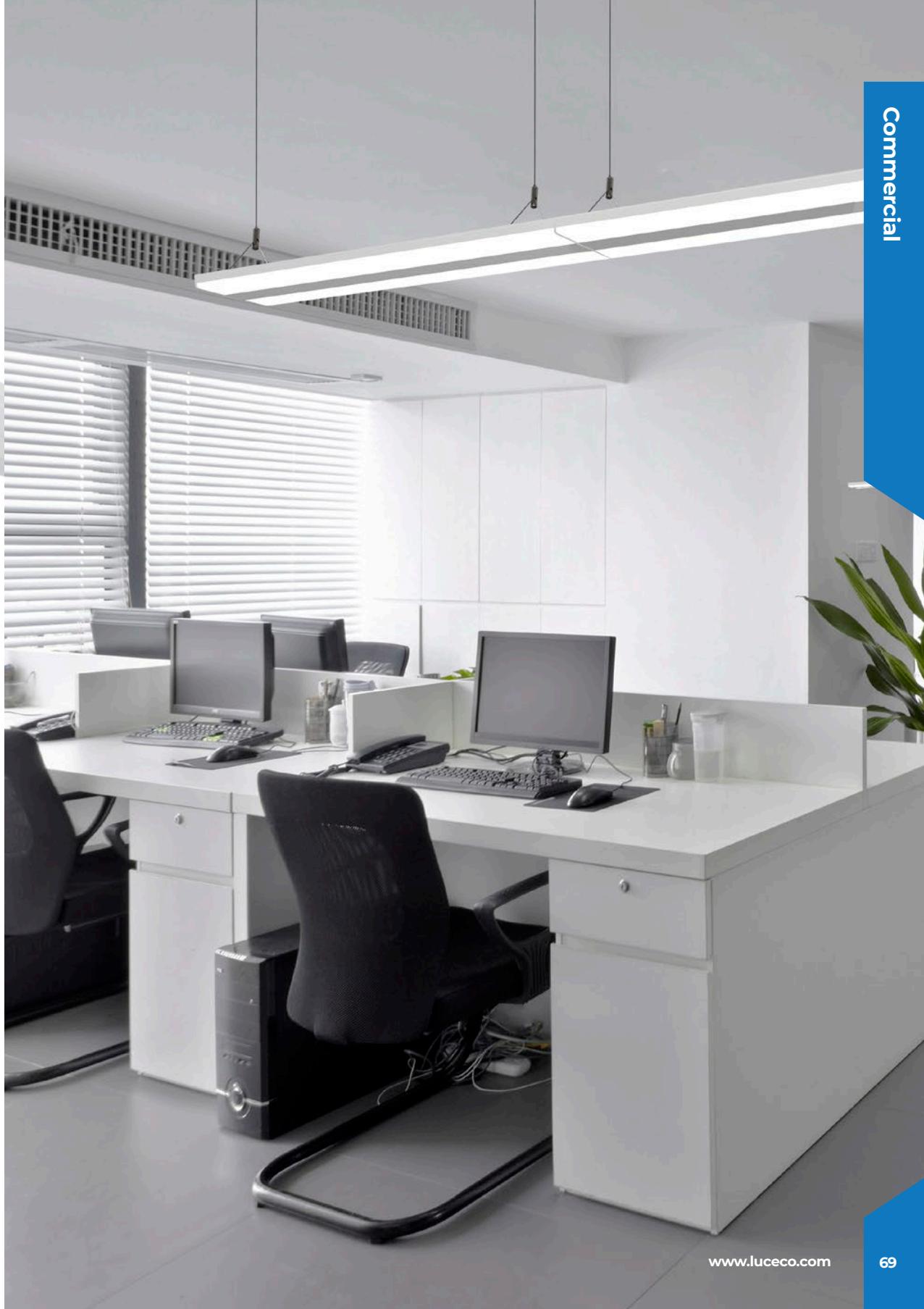


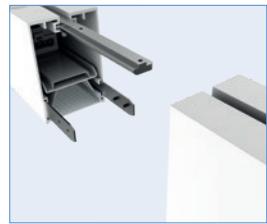
- Architectural extruded aluminium body with robust construction finished in RAL9016, two module down direct lighting
- Optimised for lighting offices and education spaces the 1500mm module is available in 2800-5500 Lumens with up to 122Llm/cW
- Not suitable for continuous use, see suspended version if required

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|--------------|--------------|--------|---------|--------|
| LERS15W28S40 | Fixed Output | 2800 | 23W | 122 |
| LERS15W28E40 | Emergency | 2800 | 23W | 122 |
| LERS15W28D40 | Dimmable | 2800 | 23W | 122 |
| LERS15W36S40 | Fixed Output | 3600 | 29W | 124 |
| LERS15W36E40 | Emergency | 3600 | 29W | 124 |
| LERS15W36D40 | Dimmable | 3600 | 29W | 124 |
| LERS15W55S40 | Fixed Output | 5500 | 45W | 122 |
| LERS15W55E40 | Emergency | 5500 | 45W | 122 |
| LERS15W55D40 | Dimmable | 5500 | 45W | 122 |

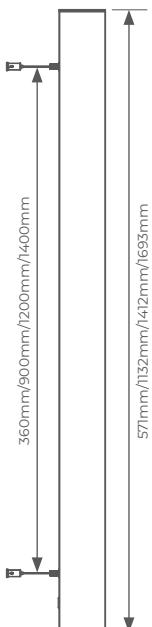
Product Options

| | |
|-----------------------------|---|
| Emergency Dimmable | Insert ED, eg. LERS15W28ED40 |
| Emergency with PIR | Insert PIR, eg. LERS15W28E40PIR |
| Dimmable with PIR | Insert PIR, eg. LERS15W28D40PIR |
| Emergency Dimmable with PIR | Insert ED and PIR, eg. LERS15W28ED40PIR |
| Self-Test Emergency | Insert EST, eg. LERS15W28EST40 |
| DALI Addressable Emergency | Insert DED, eg. LERS15W28DED40 |

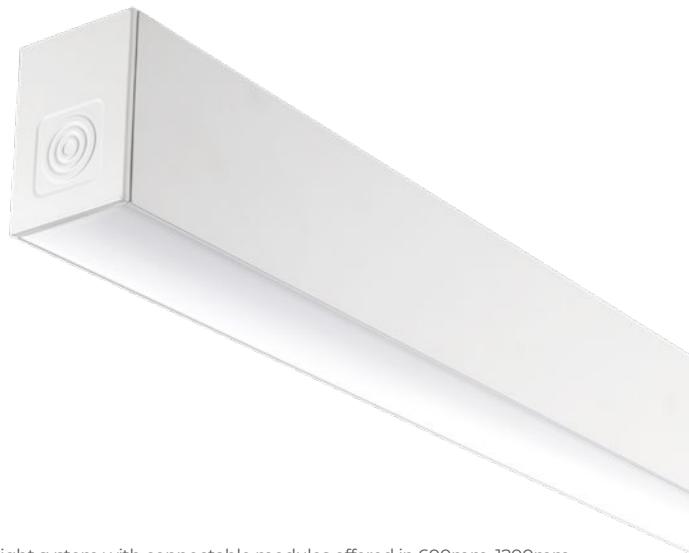




LCOFB – Continuous Fixing Bracket



Contour Suspended



- Continuous light system with connectable modules offered in 600mm, 1200mm, 1500mm & 1800mm and illuminated connectors
- Premium aluminium extrusion with high quality polycarbonate diffuser
- Opal diffuser, micro-prism and asymmetric optic distributions available
- Suspension mounted via 1.5m suspension kit, plug and play wiring for continuous connection

| Cat No. | Type | Lumens | Wattage | Llm/cW | Nominal Length |
|--------------|--------------|--------|---------|--------|----------------|
| LCO06WO06S40 | Fixed Output | 600 | 6W | 100 | 600mm |
| LCO06WO12S40 | Fixed Output | 1200 | 12W | 100 | 600mm |
| LCO12WO12S40 | Fixed Output | 1200 | 11W | 109 | 1200mm |
| LCO12WO12E40 | Emergency | 1200 | 11W | 109 | 1200mm |
| LCO12WO24S40 | Fixed Output | 2400 | 23W | 104 | 1200mm |
| LCO12WO24E40 | Emergency | 2400 | 23W | 104 | 1200mm |
| LCO15WO15S40 | Fixed Output | 1500 | 14W | 107 | 1500mm |
| LCO15WO15E40 | Emergency | 1500 | 14W | 107 | 1500mm |
| LCO15WO30S40 | Fixed Output | 3000 | 28W | 107 | 1500mm |
| LCO15WO30E40 | Emergency | 3000 | 28W | 107 | 1500mm |
| LCO18WO18S40 | Fixed Output | 1800 | 17W | 106 | 1800mm |
| LCO18WO18E40 | Emergency | 1800 | 17W | 106 | 1800mm |
| LCO18WO36S40 | Fixed Output | 3600 | 34W | 106 | 1800mm |
| LCO18WO36E40 | Emergency | 3600 | 34W | 106 | 1800mm |

Electrical Connectors

| | |
|-------|---|
| LCOCC | Continuous Wiring Connector (1 required for each electrical connection) |
| LCOFB | Continuous Fixing Bracket (1 required for each luminaire connection) |

Product Options

| | |
|----------------------------|--------------------------------|
| Dimmable | Insert D, eg. LCO12WO12D40 |
| Emergency Dimmable | Insert ED, eg. LCO12WO12ED40 |
| Self-Test Emergency | Insert EST, eg. LCO12WO12EST40 |
| DALI Addressable Emergency | Insert DED, eg. LCO12WO12DED40 |

Connectors



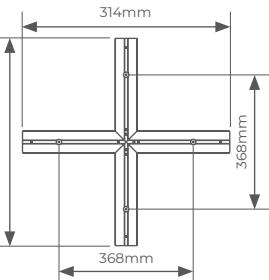
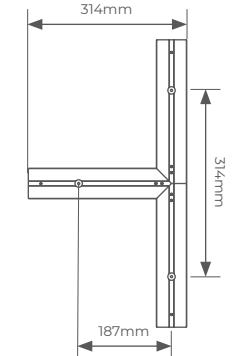
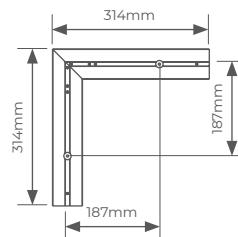
90° Connectors



T Connectors



X Connectors



- Lit accessories for use with Contour suspended modules
- Aluminium extruded modules with polycarbonate diffuser optic, light output to match linear lengths
- 90°, T and X connectors for flexibility when designing a continuous system
- Mounted at suspended module joints
- Supplied with mechanical fixings

| Cat No. | Description | Lumens | Wattage | Llm/cW |
|----------------|--------------|--------|---------|--------|
| 90° Connectors | | | | |
| LCO9CW006S40 | Fixed Output | 600 | 6W | 100 |
| LCO9CW006D40 | Dimmable | 600 | 6W | 100 |
| LCO9CW012S40 | Fixed Output | 1200 | 12W | 100 |
| LCO9CW012D40 | Dimmable | 1200 | 12W | 100 |
| T Connectors | | | | |
| LCOTCW009S40 | Fixed Output | 900 | 9W | 100 |
| LCOTCW009D40 | Dimmable | 900 | 9W | 100 |
| LCOTCW018S40 | Fixed Output | 1800 | 18W | 100 |
| LCOTCW018D40 | Dimmable | 1800 | 18W | 100 |
| X Connectors | | | | |
| LCOXCW012S40 | Fixed Output | 1200 | 12W | 100 |
| LCOXCW012D40 | Dimmable | 1200 | 12W | 100 |
| LCOXCW024S40 | Fixed Output | 2400 | 24W | 100 |
| LCOXCW024D40 | Dimmable | 2400 | 24W | 100 |



Direct/Indirect



Contour Suspended Direct/Indirect



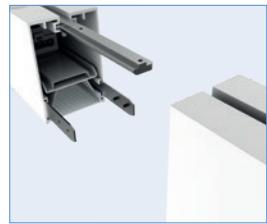
- Aluminium extruded precision cut body finished in RAL9016. Low glare polycarbonate diffuser in opal or micro prism with flush die-cast aluminium endcaps
- Continuous homogeneous direct lighting system with direct/indirect distribution, fixed output or dimmable drivers
- Suspension mounted via 1.5m suspension kit supplied, plug and play wiring for continuous connection

| Cat No. | Type | Lumens | Wattage | Llm/cW | Nominal Length |
|----------------|--------------|--------|---------|--------|----------------|
| LCO12UDWO30S40 | Fixed Output | 3000 | 28W | 107 | 1200mm |
| LCO12UDWO30E40 | Emergency | 3000 | 28W | 107 | 1200mm |
| LCO15UDWO37S40 | Fixed Output | 3750 | 35W | 107 | 1500mm |
| LCO15UDWO37E40 | Emergency | 3750 | 35W | 107 | 1500mm |
| LCO15UDWO60S40 | Fixed Output | 6000 | 57W | 105 | 1500mm |
| LCO15UDWO60E40 | Emergency | 6000 | 57W | 105 | 1500mm |

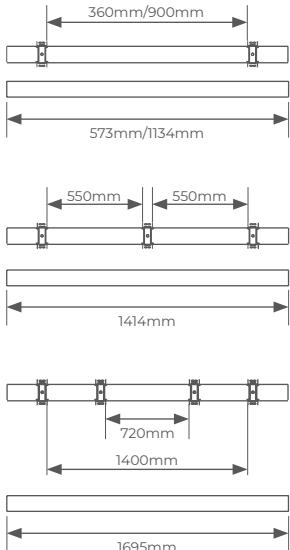
Product Options

| | |
|----------------------------|----------------------------------|
| Dimmable | Insert D, eg. LCO12UDWO30D40 |
| Emergency Dimmable | Insert ED, eg. LCO12UDWO30ED40 |
| Self-Test Emergency | Insert EST, eg. LCO12UDWO30EST40 |
| DALI Addressable Emergency | Insert DED, eg. LCO12UDWO30DED40 |





LCOFB – Continuous Fixing Bracket



Contour Recessed



- Aluminium extruded precision cut body with recessing flange finished in RAL9016. Low glare polycarbonate diffuser in opal or micro prism with flush die-cast aluminium endcaps
- Continuous homogeneous recessed lighting system with up to 109Llm/cW, fixed output or dimmable drivers available along with full range of lit connectors
- Suitable for recessed mounting in plasterboard with flange design, plug and play wiring for continuous connection

| Cat No. | Type | Lumens | Wattage | Llm/cW | Nominal Length |
|---------------|--------------|--------|---------|--------|----------------|
| LCOT06W006S40 | Fixed Output | 600 | 6W | 100 | 600mm |
| LCOT06W012S40 | Fixed Output | 1200 | 12W | 100 | 600mm |
| LCOT12W012S40 | Fixed Output | 1200 | 11W | 109 | 1200mm |
| LCOT12W012E40 | Emergency | 1200 | 11W | 109 | 1200mm |
| LCOT12W024S40 | Fixed Output | 2400 | 23W | 104 | 1200mm |
| LCOT12W024E40 | Emergency | 2400 | 23W | 104 | 1200mm |
| LCOT15W015S40 | Fixed Output | 1500 | 14W | 107 | 1500mm |
| LCOT15W015E40 | Emergency | 1500 | 14W | 107 | 1500mm |
| LCOT15W030S40 | Fixed Output | 3000 | 28W | 107 | 1500mm |
| LCOT15W030E40 | Emergency | 3000 | 28W | 107 | 1500mm |
| LCOT18W018S40 | Fixed Output | 1800 | 17W | 106 | 1800mm |
| LCOT18W018E40 | Emergency | 1800 | 17W | 106 | 1800mm |
| LCOT18W036S40 | Fixed Output | 3600 | 34W | 106 | 1800mm |
| LCOT18W036E40 | Emergency | 3600 | 34W | 106 | 1800mm |

Electrical Connectors

| | |
|-------|---|
| LCOCC | Continuous Wiring Connector (1 required for each electrical connection) |
| LCOFB | Continuous Fixing Bracket (1 required for each luminaire connection) |

Product Options

| | |
|----------------------------|---------------------------------|
| Dimmable | Insert D, eg. LCOT12W012D40 |
| Emergency Dimmable | Insert ED, eg. LCOT12W012ED40 |
| Self-Test Emergency | Insert EST, eg. LCOT12W012EST40 |
| DALI Addressable Emergency | Insert DED, eg. LCOT12W012DED40 |

Connectors

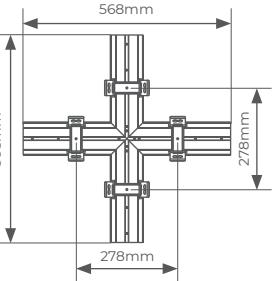
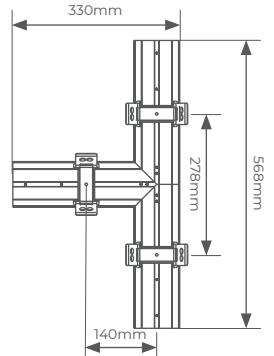
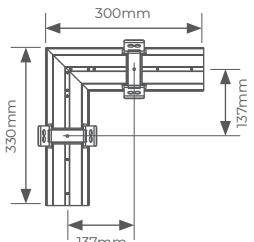


90° Connectors

T Connectors



X Connectors



- Recessed illuminated connections for use with Contour low output recessed modules
- Aluminium extruded modules with polycarbonate diffuser optic, light output to match linear lengths
- 90°, T and X connectors for flexibility when designing a continuous system
- Recessed mounted with fixing kit supplied
- Supplied with mechanical fixings

| Cat No. | Description | Lumens | Wattage | Llm/cW |
|----------------|--------------|--------|---------|--------|
| 90° Connectors | | | | |
| LCOT9CW006S40 | Fixed Output | 600 | 6W | 100 |
| LCOT9CW006D40 | Dimmable | 600 | 6W | 100 |
| LCOT9CW012S40 | Fixed Output | 1200 | 12W | 100 |
| LCOT9CW012D40 | Dimmable | 1200 | 12W | 100 |
| T Connectors | | | | |
| LCOTTCW009S40 | Fixed Output | 900 | 9W | 100 |
| LCOTTCW009D40 | Dimmable | 900 | 9W | 100 |
| LCOTTCW018S40 | Fixed Output | 1800 | 18W | 100 |
| LCOTTCW018D40 | Dimmable | 1800 | 18W | 100 |
| X Connectors | | | | |
| LCOTXCW012S40 | Fixed Output | 1200 | 12W | 100 |
| LCOTXCW012D40 | Dimmable | 1200 | 12W | 100 |
| LCOTXCW024S40 | Fixed Output | 2400 | 24W | 100 |
| LCOTXCW024D40 | Dimmable | 2400 | 24W | 100 |

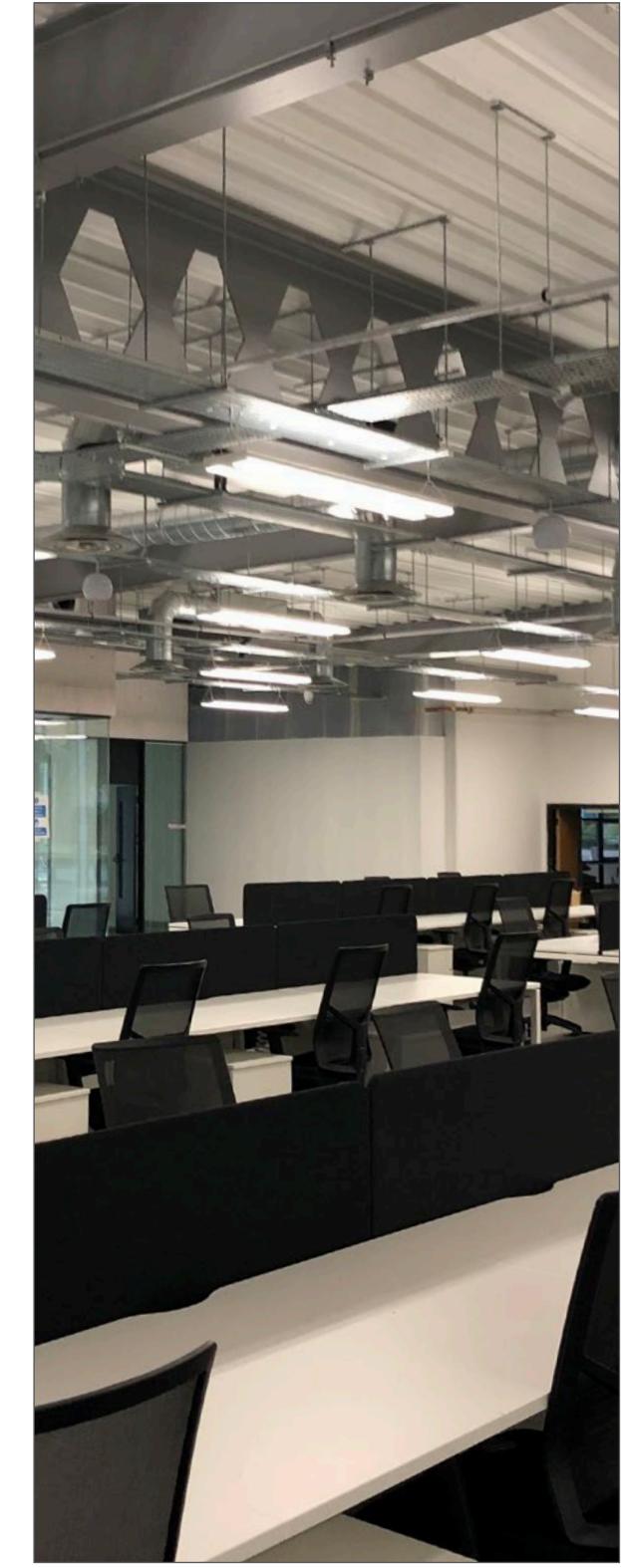
STORM TECHNOLOGIES – WATFORD

Luceco has recently supplied LED lighting for a cutting edge IT company, Storm Technologies based in Watford. Established in 2000, Storm has grown from strength to strength delivering exceptional service to their corporate and public sector clients. As a focused IT company, Storm wanted to be at the cutting-edge of lighting technology too, and selected Leren from Luceco due to its stylish appearance and technical performance. With its sleek modern design, integral sensors with DALI dimmable drivers, the Leren fitted the brief and was approved by the client.

Offering both upward and downward light distribution providing an enhanced overall lit environment, particularly where there are high or open ceiling voids to illuminate, Leren was suspended on 3 metre drops in order to meet the lighting requirements of Storm. Supplied complete with adjustable wire suspensions, Leren benefits from through-wiring, including electrical connectors as standard, to assist with both standalone and continuous run installations. Accessories available include ceiling mount electrical connection rose and blanking modules in 600, 900, 1,200 and 1,500mm lengths.

The installation was carried out by Clark Electrical & General, who are experts in the design and installation of LED lighting systems. Clark Electrical has provided maintenance and facilities management services to Storm Technologies for many years, recently assisting with Storm's expansion programme including new warehousing, as well as the offices, administration and staff recreation facilities.

Available as fixed output, DALI dimmable, emergency back-up variants, PIR and Luceco wireless lighting controls including Platform and Elevate, Leren offers excellent photometric performance and over 100,000 hours of maintenance free, operational life with an efficacy of 120 Llm/cW, and three lumen outputs: 4,000, 5,200 and 7,500 lm. To integrate with the SAS architectural ceiling area, Ricky Barnes, National Business Development Manager at Luceco also helped to design and supply a modified 1200 x 300mm special recessed luminaire to complete the lighting programme.





Bulkheads

Bulkheads are an essential part of many lighting installations, typically used either ceiling or wall-mounted, internally or externally.

Our wide range of bulkheads is available in multiple decorative finishes with suitable ingress protection. Additionally, some ranges offer microwave sensors for presence detection.



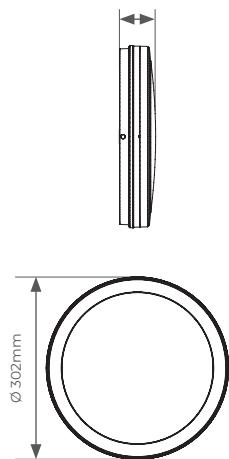


LED Decorative Circulus Bulkhead Ø300mm Colour & Power Change

**NEW
PRODUCT**

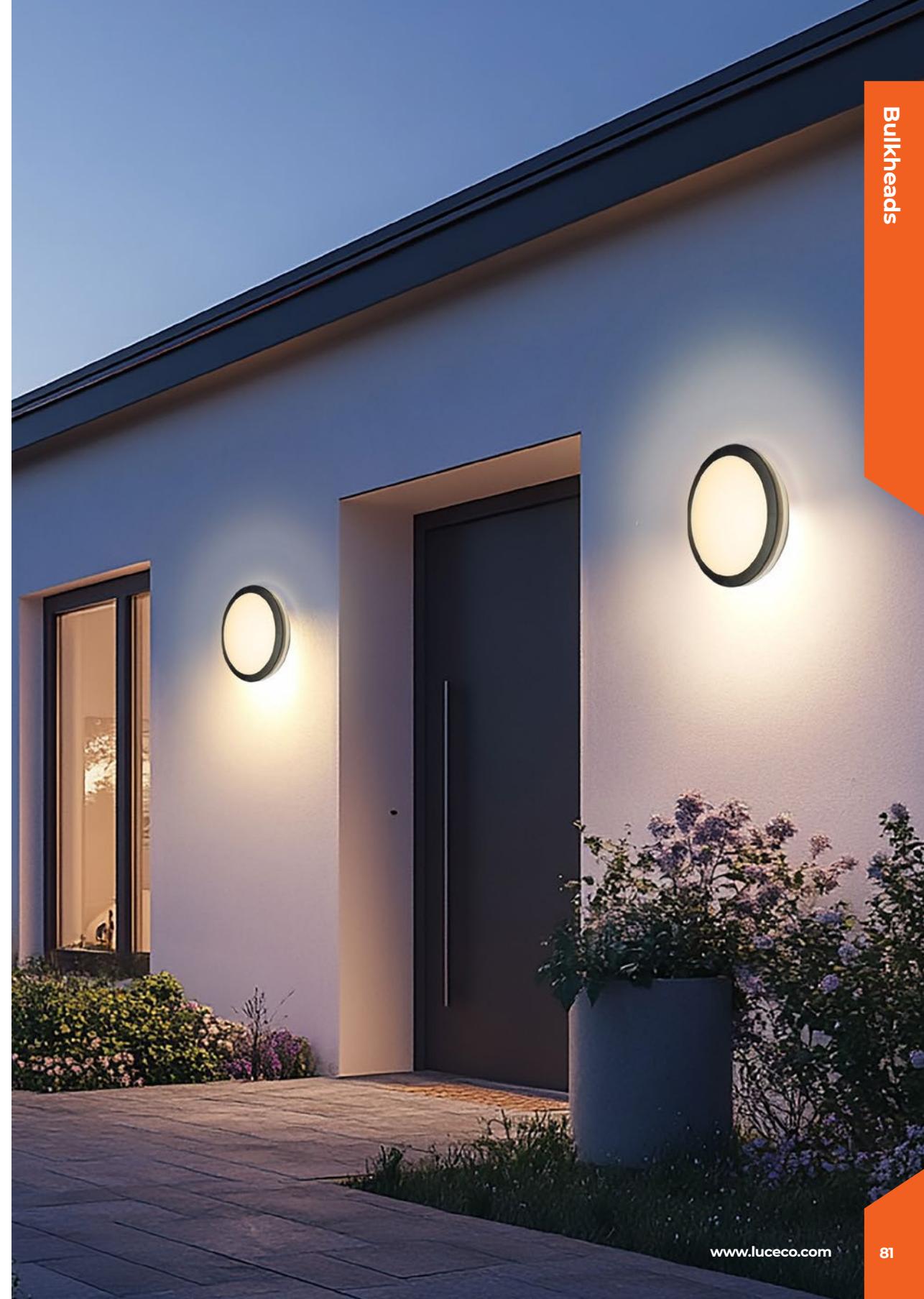


59.7mm



- Power switchable – 16W, 20W & 24W to suit lighting needs
- Colour switchable between 3000K, 4000K and 6500K to suit install environment
- Decorative 360° halo effect
- Easy install fit and clip wall bracket

| Cat No. | Wattage | Lumens | Colour Temp | Colour |
|-----------|-----------------|--------------------|-----------------------|--------|
| EBHH24BCC | 16W / 20W / 24W | 2650 / 2900 / 2750 | 3000K / 4000K / 6500K | Black |



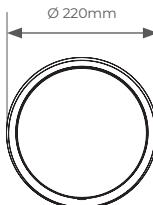


LED Decorative Liptus Bulkhead Ø220mm Colour Change

**NEW
PRODUCT**



69mm



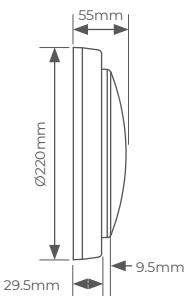
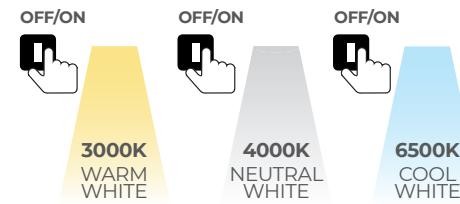
- Colour Change via wall switch
- Stylish modern design
- Strong weatherproof housing
- Easy fix wall bracket for quick installation

| Cat No. | Wattage | Lumens | Colour |
|----------|---------|--------|--------|
| EBEL8BCC | 15W | 1350 | Black |





Eco Indoor Bulkhead



Supplied with white and polished chrome bezel accessories



Easy push-fit terminals

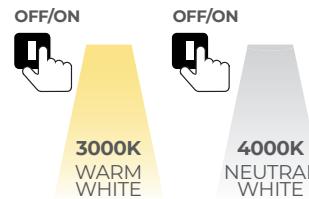
- IP54 rated-ideal for bathrooms, utility and decorative installations
- Easy quick installation – wall or ceiling mounted
- Suitable for most residential and commercial applications including bathrooms / toilets, hallways, corridors, and functional utility
- Interchangeable twist on and off white and polished chrome bezels for classic or decorative finishes
- Push fit quick install terminal block

| Cat No. | Lumens | Wattage | Llm/cW | Colour Temp | Diameter |
|----------------------|----------------|---------|--------|-----------------|----------|
| EBH22S40 | 1300 | 14W | 92 | 4000K | 220mm |
| EBH28S40 | 1650 | 17W | 97 | 4000K | 280mm |
| Colour Change | | | | | |
| EBH22SCC | 1300-1500-1400 | 14W | 92 | 3000-4000-6500K | 220mm |

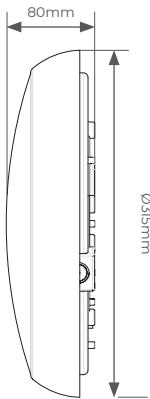




Andes



- Surface mounted polycarbonate bulkhead with wattage change feature easily selected on site
- Selectable CCT of 3000K and 4000K to suit application
- Rear and side cable entry points to ensure easy access for wiring
- High efficient LEDs achieving 100lm/cW
- Plug and play Microwave sensor available easily fitted on site, emergency available



| Cat No. | Type | Lumens | Wattage | Lm/W |
|------------|--------------------------|---------------|----------|------|
| LBA315WSCC | Fixed Output | 900/1400/1800 | 9/14/18W | 100 |
| LBA315WECC | Fixed Output + Emergency | 900/1400/1800 | 9/14/18W | 100 |

Product Accessory

| | |
|-------|--------------------------------|
| LBAMW | Plug and Play Microwave Sensor |
| LBAEW | White Eyelid Bezel |
| LBAEB | Black Eyelid Bezel |

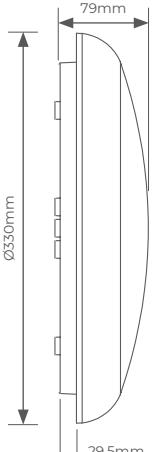
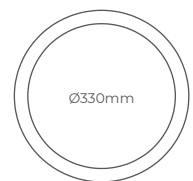




Sierra



- Decorative interior bulkhead ideal for commercial applications
- Polished Chrome trim accessory available, white as standard
- Polycarbonate base and diffuser for increased durability
- Microwave control and emergency versions available

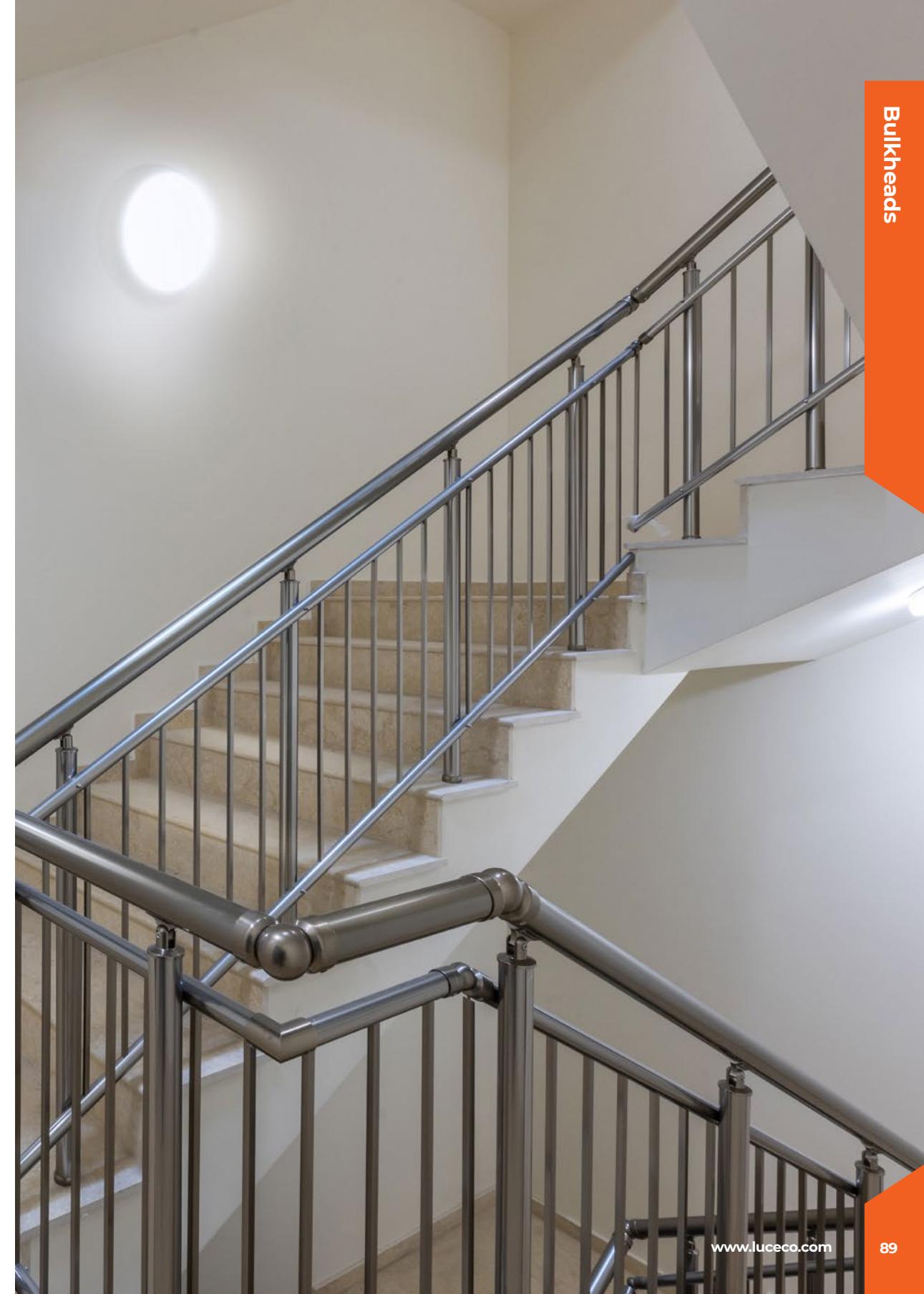


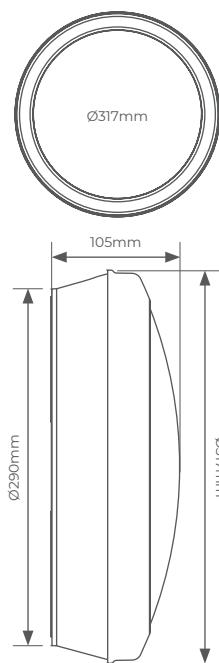
| Cat No. | Type | Lumens | Wattage | Lim/cW |
|----------------|----------------|--------|---------|--------|
| LBSR33W12S40 | Standard | 1200 | 12W | 100 |
| LBSR33W12E40 | Emergency | 1200 | 12W | 100 |
| LBSR33W12S40MW | Standard + MW | 1200 | 12W | 100 |
| LBSR33W12E40MW | Emergency + MW | 1200 | 12W | 100 |
| LBSR33W20S40 | Standard | 2000 | 20W | 100 |
| LBSR33W20E40 | Emergency | 2000 | 20W | 100 |
| LBSR33W20S40MW | Standard + MW | 2000 | 20W | 100 |
| LBSR33W20E40MW | Emergency + MW | 2000 | 20W | 100 |

Product Options

| | |
|---------------------------|--------------------------------|
| Digital Dimmable | Insert D, e.g LBSR33W20D40 |
| Self-Test Emergency | Insert EST, e.g LBSR33W20EST40 |
| DALI Adressable Emergency | Insert DED, e.g LBSR33W20DED40 |

| Cat No. | Description |
|---------|----------------------|
| LBSRTPC | Polished Chrome Trim |





Atlas



- Decorative bulkhead for internal or external applications including optional accessories
- Surface mounting luminaire with 4 side and 1 rear conduit entry points
- Microwave control and emergency versions available
- High impact polycarbonate housing
- Ø317mm diameter body
- Available with recessing bracket for semi-recessed installation or microwave versions with 0 or 10% corridor function

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|-------------|----------------|--------|---------|--------|
| LBH154K | Standard | 1250 | 12.5W | 100 |
| LBH154K3M | Emergency | 1250 | 12.5W | 100 |
| LBH154KMW | Standard + MW | 1250 | 12.5W | 100 |
| LBH154KMW3M | Emergency + MW | 1250 | 12.5W | 100 |
| LBH214K | Standard | 2100 | 21W | 100 |
| LBH214K3M | Emergency | 2100 | 21W | 100 |
| LBH214KMW | Standard + MW | 2100 | 21W | 100 |
| LBH214KMW3M | Emergency + MW | 2100 | 21W | 100 |

Product Options

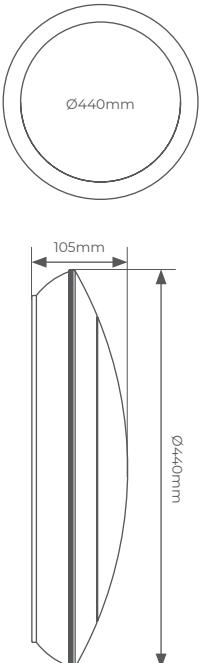
Self-Test Emergency

Insert ST, e.g LBH154K3MST





Celeste



- Polycarbonate construction RAL9016 for a robust luminaire suitable for stairways and corridors
- Available in 1250, 2000 & 3200 lumens with an efficacy of up to 140Llm/W
- Surface mounted utilising hinged gear tray with optional suspension kit available

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|------------|----------------|--------|---------|--------|
| LBC13S40 | Standard | 1250 | 9W | 138 |
| LBC13E40 | Emergency | 1250 | 9W | 138 |
| LBC13S40MW | Standard + MW | 1250 | 9W | 138 |
| LBC13E40MW | Emergency + MW | 1250 | 9W | 138 |
| LBC22S40 | Standard | 2200 | 15.5W | 141 |
| LBC22E40 | Emergency | 2200 | 15.5W | 141 |
| LBC22S40MW | Standard + MW | 2200 | 15.5W | 141 |
| LBC22E40MW | Emergency + MW | 2200 | 15.5W | 141 |
| LBC32S40 | Standard | 3200 | 23W | 139 |
| LBC32E40 | Emergency | 3200 | 23W | 139 |
| LBC32S40MW | Standard + MW | 3200 | 23W | 139 |
| LBC32E40MW | Emergency + MW | 3200 | 23W | 139 |

Product Options

| | |
|---------------------------|---------------------------------|
| Digital Dimmable | Insert D, e.g LBC22D40 |
| 10% Corridor Function | Insert D and MW, e.g LBC22D40MW |
| Self-Test Emergency | Insert EST, e.g LBC22EST40 |
| DALI Adressable Emergency | Insert DED, e.g LBC22DED40 |
| 3000K Colour Temperature | Insert 30, e.g LBC22S30 |

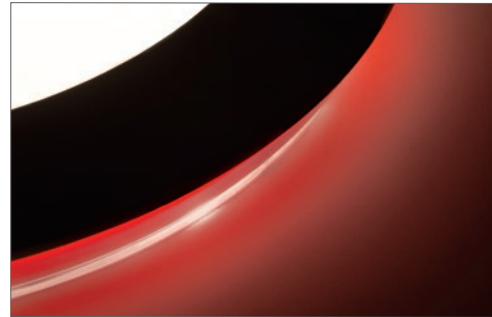
Celeste Accessories



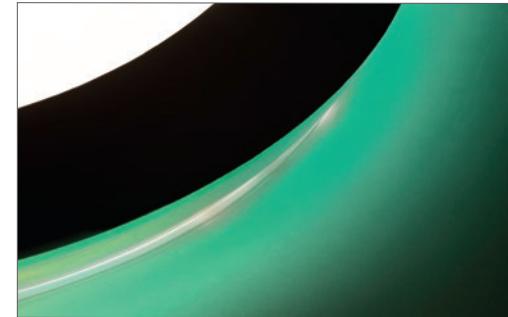
LBCTBS



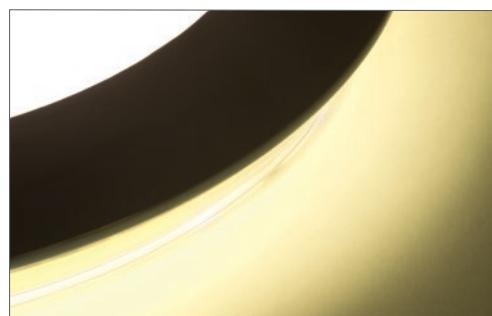
LBCTPC



LBCHIRE



LBCHIGR



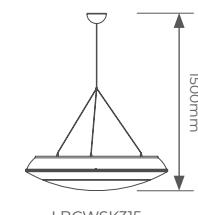
LBCHIYE



LBCHIBL

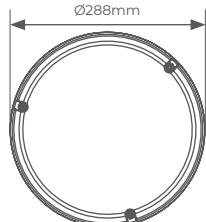
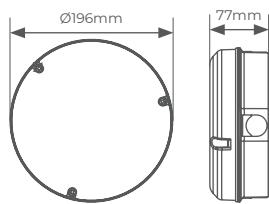
PRODUCT ACCESSORIES

| | |
|-----------|-----------------------------|
| LBCTBS | Brushed Steel Bezel |
| LBCTPC | Polished Chrome Bezel |
| LBCHIRE | Red Halo Insert |
| LBCHIGR | Green Halo Insert |
| LBCHIYE | Yellow Halo Insert |
| LBCHIBL | Blue Halo Insert |
| LBCWSK315 | 3 Point 1.5m Suspension Kit |





Available in black or white



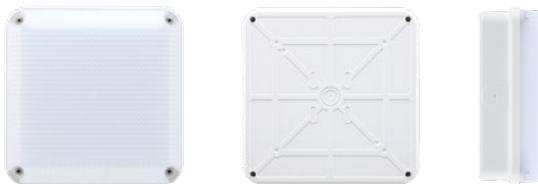
Mosi Circular



- Polycarbonate base and diffuser for increased durability
- Opal prism diffuser with inbuilt LED gear tray for easy installation
- Surface mounting luminaire with 4 side and 1 rear conduit entry points
- Output equivalents to 16W and 28W 2D

| Cat No. | Type | Lumens | Wattage | Llm/cW | Diameter | Colour |
|----------------|----------------|--------|---------|--------|----------|--------|
| LBM200W7S40 | Standard | 735 | 6W | 122 | 200mm | White |
| LBM290W11S40 | Standard | 1150 | 9W | 127 | 290mm | White |
| LBM290W11E40 | Emergency | 1150 | 9W | 127 | 290mm | White |
| LBM290W11S40MW | Standard + MW | 1150 | 9W | 127 | 290mm | White |
| LBM290W11E40MW | Emergency + MW | 1150 | 9W | 127 | 290mm | White |
| LBM200B7S40 | Standard | 735 | 6W | 122 | 200mm | Black |
| LBM290B11S40 | Standard | 1150 | 9W | 127 | 290mm | Black |
| LBM290B11E40 | Emergency | 1150 | 9W | 127 | 290mm | Black |
| LBM290B11S40MW | Standard + MW | 1150 | 9W | 127 | 290mm | Black |
| LBM290B11E40MW | Emergency + MW | 1150 | 9W | 127 | 290mm | Black |

Mosi Square

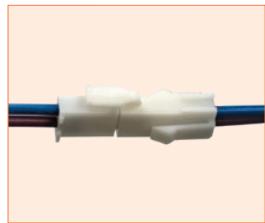


- Polycarbonate base and diffuser for increased durability
- Opal prism diffuser with inbuilt LED gear tray for easy installation
- Surface mounting luminaire with 4 side and 1 rear conduit entry points
- Output equivalents to 16W

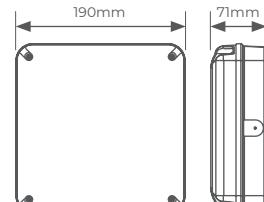
| Cat No. | Type | Lumens | Wattage | Llm/cW | Colour |
|------------|----------|--------|---------|--------|--------|
| LBM22B7S40 | Standard | 735 | 6W | 122 | Black |
| LBM22W7S40 | Standard | 735 | 6W | 122 | White |



Polycarbonate diffuser with inbuilt LED gear tray, driver and plug and play connector



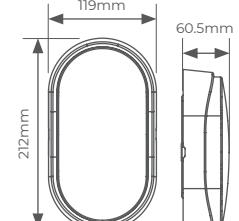
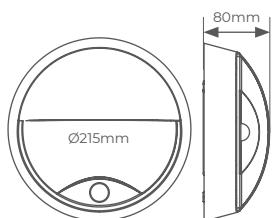
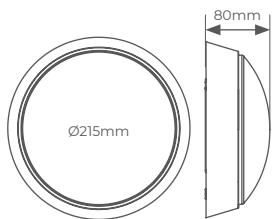
Plug and play replaceable without needing to uninstall the complete product



| | |
|--|----------------------------------|
| | IP54 Rating |
| | 25K Hours |
| | 4000K NEUTRAL WHITE |
| | 220-240 Volt |



Products supplied with interchangeable black and white bezels



Eco Outdoor Bulkhead



- Easy and quick installation
- High impact and durable housing
- Adjustable PIR, lux and time settings
- Supplied with interchangeable black and white bezels

| Cat No. | Type | Lumens | Wattage | Llm/cW | Shape |
|-----------|----------------|--------|---------|--------|--------|
| EBER10S40 | Standard | 700 | 10W | 70 | Round |
| EBER10P40 | Standard + PIR | 700 | 10W | 70 | Round |
| EBEE10S40 | Standard | 400 | 10W | 40 | Eyelid |
| EBEE10P40 | Standard + PIR | 400 | 10W | 40 | Eyelid |
| EBEO10S40 | Standard | 700 | 10W | 70 | Oval |
| EBEO10P40 | Standard + PIR | 700 | 10W | 70 | Oval |

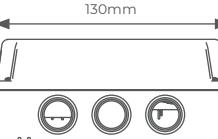
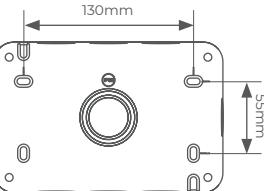
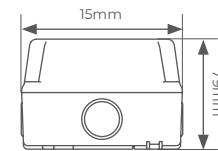
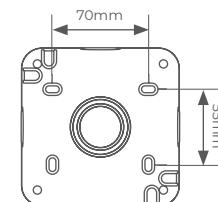
Storm Bulkhead



- Square and rectangular bulkhead ideal for replacing A60 luminaires
- High impact polycarbonate housing
- Suitable for 230V or 110V use
- Rear and multiple side entry cable points

| Cat No. | Type | Lumens | Wattage | Llm/cW | Size |
|----------|---------------|--------|---------|--------|-----------|
| LBS1G4 | Standard | 400 | 4.5W | 88 | 115x115mm |
| LBS2G8 | Standard | 750 | 7W | 107 | 175x115mm |
| LBS2G8MW | Standard + MW | 750 | 7.5W | 100 | 175x115mm |

| | |
|--|----------------------------------|
| | IP65 Rating |
| | 30K Hours |
| | 4000K NEUTRAL WHITE |
| | 100-277 Volt |



THE WAVE (DESTINATION WATER AND LEISURE PROJECT) - COVENTRY

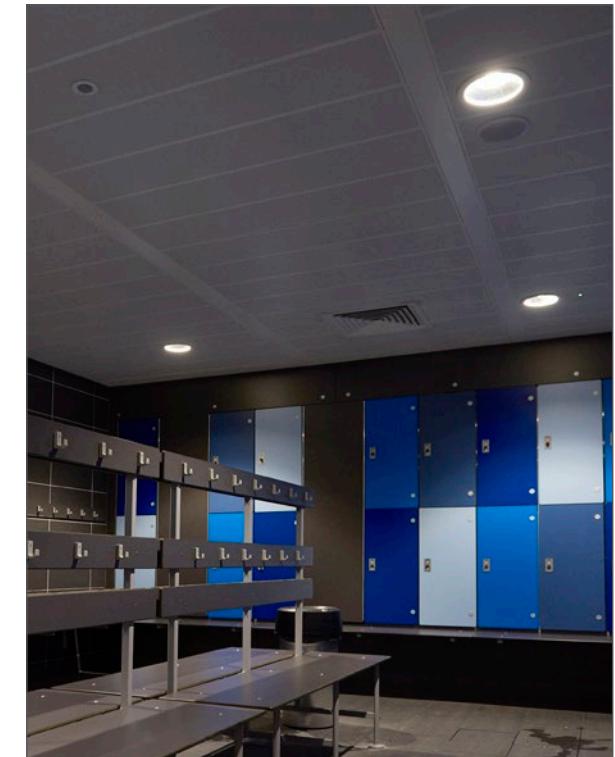
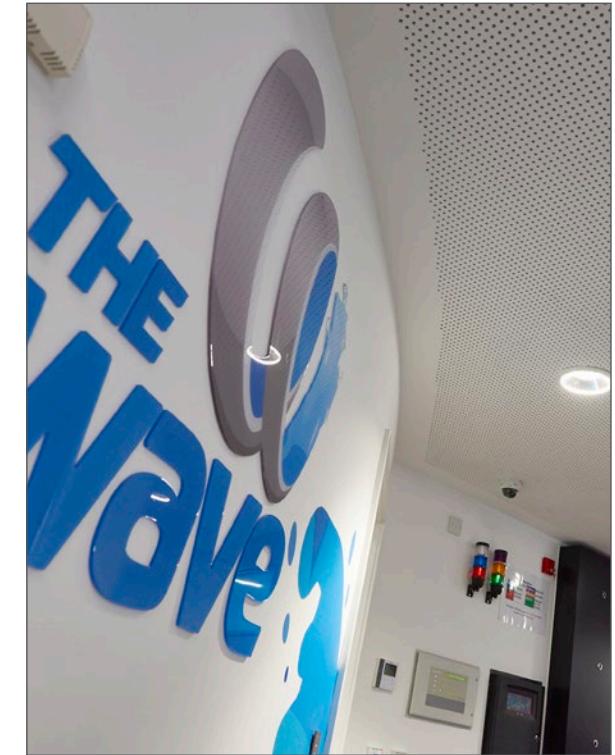
Luceco luminaires have recently been installed at a multi-million-pound water park, The Wave, Destination Water and Leisure Project (DWL) in Coventry. At the centre of this state-of-the-art water park are six slides complemented by light and sound features, a splash pad with water jets, a lazy river, a poolside café, fitness and Mana spa suites and wave pool.

Over 200 Platinum Mini Downlighters from Luceco lit spaces including changing areas and WC facilities, locker rooms, corridors and circulation areas. Platinum Mini is recessed mounted with a unique swing tab design for quick and easy installation into a 152mm cut-out. It's die-cast aluminium body is designed to provide optimal thermal control and has a choice of gloss or matt reflectors. The Platinum range of LED Downlights, also used in the Servery and Reception area, offering considerable running cost savings when compared with traditionally lamped luminaires, with the Platinum Mini high-performance downlight offering an efficacy up to 130 Llm/cW.

Climate Extra is a robust LED IP65 rated luminaire offering an efficacy of 140 Llm/cW with increased performance, for improved energy efficiency in areas where a higher protection against ingress of water is needed. Climate Extra was installed in the plant rooms and also on "wet" staircases including the staircases providing access to the attractions in the water park. Both single and twin fittings were installed, the opal diffuser enhancing the appearance and uniformity.

Celeste was installed on "dry" stairwells, Celeste is an attractive circular LED luminaire from Luceco featuring a 'corona' backlight effect with a direct/indirect light distribution. The luminaire can be surface, wall-mounted, or suspended using a 3 point 1.5 metre suspension kit, creating an attractive pendant.

Front Five Building Services secured the contract for the mechanical and electrical works at DWL with Coventry City Council investing £36.7m. "The Wave" is proving to be a major attraction in the heart of the city centre of Coventry – the perfect legacy to their year as the European City of Sport.





Emergency

Emergency lighting allows safe evacuation of an area in the event of a mains failure.

Luceco can provide a complete and comprehensive emergency lighting, offering for use in a wide range of applications internally and externally. All products are designed for and compliant with British Standard, BS5266.

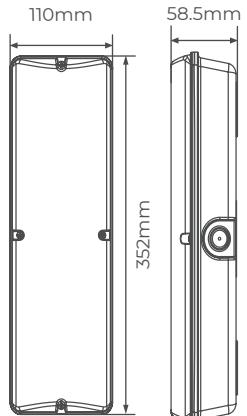




Tempus Emergency Bulkhead



- Surface mount maintained emergency bulkhead for internal or external use
- Two screw diffuser design with rear and side cable entry points
- Can be wired for non-maintained use
- Supplied with self-adhesive legend kit and weatherproof cable gland



| Cat No. | Description | Lumens | Wattage |
|----------|---|--------|---------|
| LEMBKM3 | 3W Maintained / Non-Maintained Bulkhead | 140 | 3W |
| LEMBKEST | Self-Test Emergency Bulkhead | 140 | 3W |
| LEMBKEDA | DALI Addressable Bulkhead | 140 | 3W |

| | Height | Axial distance from wall | Axial spacing | Transverse spacing | Transverse spacing from wall |
|---|--------|--------------------------|---------------|--------------------|------------------------------|
| OPEN AREA - 0.5 LUX | | | | | |
| | 2.5 | 2 | 8 | 8 | 2 |
| | 3 | 2 | 9 | 9 | 2 |
| | 4 | 2 | 10 | 10 | 2 |
| ESCAPE ROUTE - 1 LUX (Based on 2m width) | | | | | |
| | 2.5 | - | - | 8.5 | 2 |
| | 3 | - | - | 8.8 | 2 |
| | 4 | - | - | 9.2 | 2 |

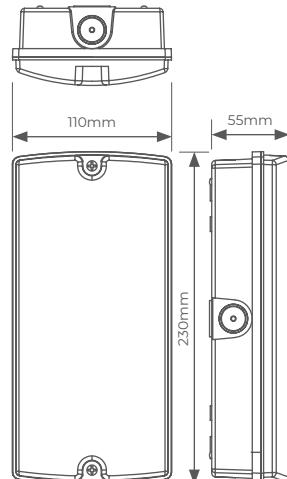
Tempus Mini Bulkhead



- Compact design surface mounted emergency bulkhead suitable for maintained or non-maintained use
- Polycarbonate construction with clear diffuser
- Two screw diffuser design with rear and side cable entry points
- Supplied with self adhesive legend kit, weatherproof cable gland and fixing accessories

| Cat No. | Description | Lumens |
|----------|---|--------|
| LEMIBKM3 | 3W Maintained / Non-Maintained Bulkhead | 120 |

| | Height | Axial distance from wall | Axial spacing | Transverse spacing | Transverse spacing from wall |
|---|--------|--------------------------|---------------|--------------------|------------------------------|
| OPEN AREA - 0.5 LUX | | | | | |
| | 2.5 | 2 | 7.8 | 8.8 | 2 |
| | 3 | 2 | 8.2 | 9.4 | 2 |
| | 4 | 2 | 9 | 10 | 2 |
| ESCAPE ROUTE - 1 LUX (Based on 2m width) | | | | | |
| | 2.5 | - | - | 8 | 2 |
| | 3 | - | - | 8.5 | 2 |
| | 4 | - | - | 8.8 | 2 |





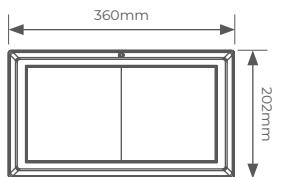
Down legend



Left legend



Right legend

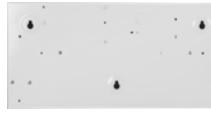


Tempus Exit Box



- Wall mounted maintained illuminated exit box
- Steel mounting plate with polycarbonate frame
- Side and rear cable entry points

Tempus Profile Exit Box

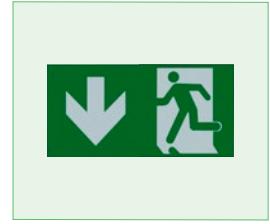


- Wall mounted maintained exit box
- Steel body construction with polycarbonate legend
- Above and rear cable entry points
- Supplied with UP legend as standard other directions can be supplied as accessories

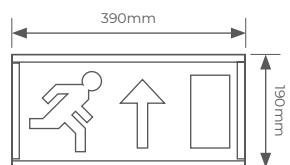
| Cat No. | Description |
|------------|--|
| LEMEBXM3 | 8W Maintained / Non-Maintained Up Legend Exit Box |
| LEMEBXM3DA | 8W Maintained / Non-Maintained Down Legend Exit Box |
| LEMEBXM3RA | 8W Maintained / Non-Maintained Right Legend Exit Box |
| LEMEBXM3LA | 8W Maintained / Non-Maintained Left Legend Exit Box |

| Product Options | |
|----------------------------|---------------------------|
| Self-Test Emergency | Insert EST, e.g LEMEBXEST |
| DALI Addressable Emergency | Insert DA, e.g LEMEBXDA |

| Cat No. | Description |
|--------------------|---|
| LTPEBXM3 | 3W Maintained / Non-Maintained Up Legend Exit Box |
| Legend Accessories | |
| LTPEBXDA | Down Arrow Legend |
| LTPEBXRA | Right Arrow Legend |
| LTPEBXLA | Left Arrow Legend |



Legend accessories available



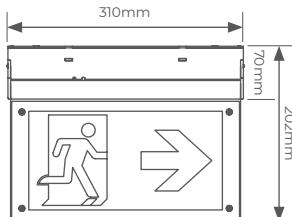


Tempus Exit Blade



Choice of legends

70mm



- Maintained emergency exit blade with ceiling or wall mounting as standard
- Recessed and suspended mounted options via accessories
- Polycarbonate body with double sided legend

Cat No.

| Cat No. | Description |
|-------------|--|
| LEMDEBM3 | 3W Maintained Up Legend Exit Blade |
| LEMDEBM3DA | 3W Maintained Down Legend Exit Blade |
| LEMDEBM3RLA | 3W Maintained Right/Left Legend Exit Blade |

Product Options

| | |
|----------------------------|-----------------------------|
| Self-Test Emergency | Insert EST, e.g LEMDEBM3EST |
| DALI Addressable Emergency | Insert DA, e.g LEMDEBM3EDA |

Accessories

| | |
|----------|---------------------|
| LEMDEBRC | Recessed Frame |
| LWSK415 | 1.5M Suspension Kit |

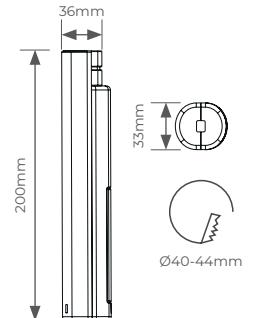
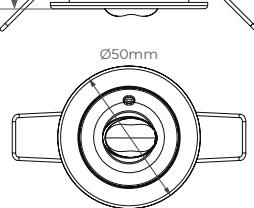
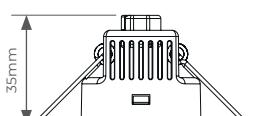




Tempus Downlight Recessed



- Discreet non-maintained emergency downlight
- Recessed mount luminaire suitable for plasterboard or suspended ceiling systems
- Open area or corridor optic options to suit all applications



| Cat No. | Description | Lumens |
|---------|---|--------|
| LEMDWO | 1W Non-Maintained Open Area Downlight | 120 |
| LEMDWC | 1W Non-Maintained Narrow Lens Downlight | 120 |

| LEMDWO Spacings | Height | Distance from wall | Spacing |
|---------------------|--------|--------------------|---------|
| OPEN AREA - 0.5 LUX | 2.5 | 5.4 | 9.6 |
| | 3 | 5 | 11.2 |
| | 4 | 1.5 | 11.8 |

| LEMDWOC Spacings | Height | Distance from wall | Spacing |
|--|--------|--------------------|---------|
| ESCAPE ROUTE - 1 LUX (Based on 2m width) | 2.5 | 5 | 17 |
| | 3 | 5.2 | 17.5 |
| | 4 | 3.5 | 13 |

Tempus Downlight Surface

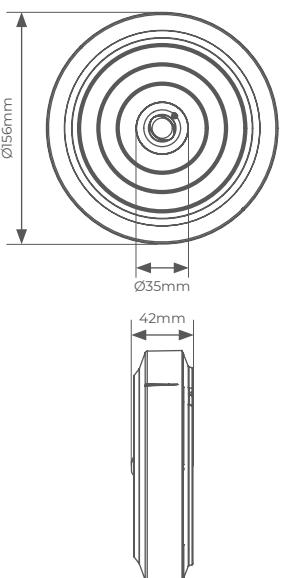
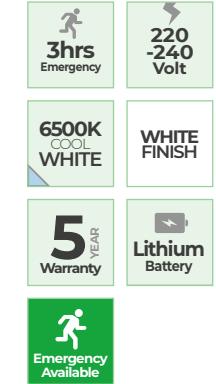


- Surface mount luminaire suitable for plasterboard or solid ceilings
- Installation via rear cable entry
- Open area or corridor optic options to suit all applications

| Cat No. | Description | Lumens |
|---------|---|--------|
| LEMDSWO | 1W Non-Maintained Open Area Downlight | 120 |
| LEMDSWC | 1W Non-Maintained Narrow Lens Downlight | 120 |

| LEMDSWO Spacings | Height | Distance from wall | Spacing |
|---------------------|--------|--------------------|---------|
| OPEN AREA - 0.5 LUX | 2.5 | 5.4 | 9.6 |
| | 3 | 5 | 11.2 |
| | 4 | 1.5 | 11.8 |

| LEMDSWC Spacings | Height | Distance from wall | Spacing |
|--|--------|--------------------|---------|
| ESCAPE ROUTE - 1 LUX (Based on 2m width) | 2.5 | 5 | 17 |
| | 3 | 5.2 | 17.5 |
| | 4 | 3.5 | 13 |

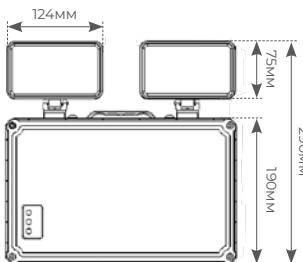




Tempus IP65 Twinspot



- Non-maintained IP rated emergency twinspot
- Polycarbonate body with PC protected heads
- Adjustable heads to ensure coverage area
- Ideal for high ceiling applications



| Cat No. | Type | Lumens | Wattage | Warranty |
|------------|----------------|--------|---------|----------|
| LEMIPTWNM3 | Non-Maintained | 400 | 3.5W | 3 years |
| LEMIPTWEST | Self-Test | 400 | 3.5W | 5 years |

| | Height | Axial distance from wall | | Transverse spacing | Transverse spacing from wall |
|---|--------|--------------------------|--------------------|--------------------|------------------------------|
| | | Axial spacing | Transverse spacing | | |
| OPEN AREA - 0.5 LUX | 4m | 4 | 14 | 10 | 24 |
| | 5m | 4 | 15.5 | 10.5 | 26 |
| | 6m | 4 | 16.5 | 11 | 28 |
| | 7m | 4 | 17 | 11.5 | 30 |
| | 8m | 4 | 18 | 12 | 30 |
| ESCAPE ROUTE - 1 LUX (Based on 2m width) | 4m | 10 | 25 | - | - |
| | 5m | 11 | 26.5 | - | - |
| | 6m | 11 | 28.5 | - | - |
| | 7m | 11.5 | 29.5 | - | - |
| | 8m | 11.5 | 30 | - | - |



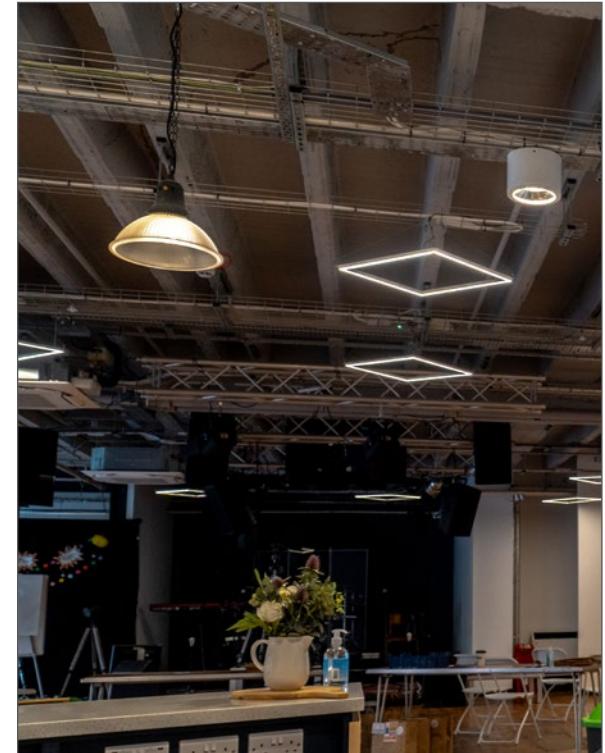
ST SWITHIN'S CHURCH (THE SALT HOUSE) - LINCOLN

After extensive refurbishment The Salt House, a former Co-Op Hall, has now become the new home for worshippers of the Church of St Swithin's, and Axis Mechanical & Electrical Consulting Engineers based in Nottingham, specified luminaires from Luceco. Located in Lincoln, St Swithin's Church could no longer be used for services due to its state of repair, so an alternative building was sought. The Salt House is located directly opposite the church and has now been converted into a community church complete with a café and social hub for charities and social enterprises. The principal luminaires specified included suspended LuxFrame fittings, Ice Linear and recessed Platinum downlighters.

Dimmable 3000K suspended LuxFrame luminaires were used in the main area. LuxFrame is a minimalist LED luminaire designed for ceiling grid applications or suspended as a pendant luminaire as at Salt House, enabling the creation of imaginative and contemporary lighting designs. Office and administration areas were lit with Ice Linear. Contemporary and stylish, Ice Linear is a transparent optic pendant luminaire providing both upward and downward light distribution. Supplied complete with adjustable wire suspensions, Ice Linear delivers an enhanced lit effect, the sleek transparent design complements modern interiors even when turned off.

IP rated LuxPanels were installed in the kitchen with Surface and Recessed Platinum 3000K luminaires fitted in the servery and reception areas. Platinum Mini along with Element downlighters were used in WCs. Platinum is a high performance 220mm diameter downlight with an efficacy up to 130 Llm/cW, featuring a unique swing tab design ensuring installation is quick and easy. The Surface Mount format provides an opportunity for creative lighting design using a high specification luminaire where a recessed ceiling void is not available. Platinum Surface Mount can be used as a pendant with suspension wires, or BESA fixed directly onto a solid surface. Recent enhancements to the recessed Platinum include a further optimised heatsink and a reduction in bezel thickness from 6mm to 2.5mm on a standard IP44 bezel as well as being magnetic.

As well as being a retail outlet for the Co-Op and a former nightclub, The Salt House is also referenced in the history of the immediate area of the city where salt was once warehoused for distribution. Now a contemporary Church and community hub, The Salt House will be the new home for over 450 members of Glorious St Swithin's!





Accent

Accent or display lighting, most commonly used in retail lighting is designed to highlight certain objects or features and generally accentuate a given environment.

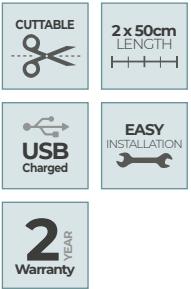
A range of track, strip and under cupboard lighting make up Luceco's Accent offering.



USB LED Strip
116



Single Circuit Track
118



Remote control

USB LED Strip



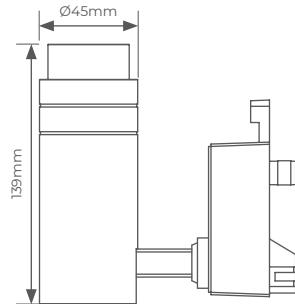
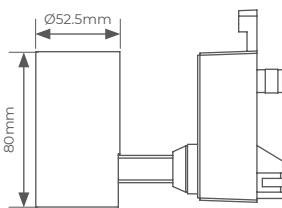
- Kit contains – 2x50cm LED strips, IR receiver and RGB controller
- USB powered
- Suitable for TV/PC display
- Perfect for ambient lighting
- Reduced eye strain
- Cuttable to screen size
- 3m adhesive, for easy installation

| Cat No. | Length | Wattage | Colour |
|-----------|-----------|---------|--------|
| LUSB50RGB | 2 x 500mm | 2.5W | RGB |





Twist LED head to adjust beam angle



Single Circuit Track



- Decorative single circuit track spots in a matt white finish
- One and two meter track lengths available with connectors and other accessories
- 12W high output version complete with adjustable beam angle between 24 and 60 degrees
- 7W version complete with fixed 24 degree beam angle

| Cat No. | Type | Lumens | Wattage | Beam Angle |
|-----------|-----------------------|--------|---------|------------|
| LSITW4F40 | Standard | 450 | 7W | 24° |
| LSITW9A40 | Adjustable Beam Angle | 900 | 12W | 24-60° |



LT1MW1T



LT2MW1T



LTSCW1T



LT90WL1T



LTLEW1T



LTECW1T

| Cat No. | Description |
|----------|----------------------------|
| LT1MW1T | 1000mm White Track |
| LT2MW1T | 2000mm White Track |
| LTSCW1T | Straight Connector – White |
| LT90WL1T | 90° Connector – White |
| LTLEW1T | Live Feed |
| LTECW1T | End Cap |



Industrial

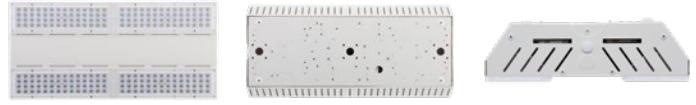
Industrial lighting applications come in a variety of shapes and sizes. The type of lighting required is dependent on the ceiling height, area use and the environment.

Our wide range of linear, highbay and lowbay lights offers multiple lumen outputs and lighting distributions, ensuring a suitable solution for all applications.





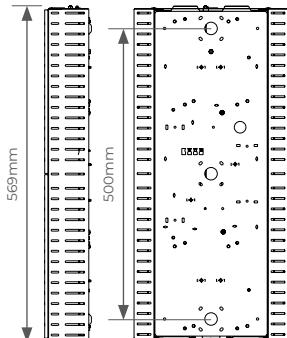
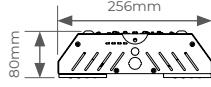
Elara Bay



- LED lowbay with fastfix geartray and option of open area (90 degrees) or racking lens (30 degrees)
- Optimised lumen outputs to replace 250W and 400W discharge lamps offering up to 143 Llm/cW
- IK10 high impact resistant steel body and polycarbonate lenses suitable for surface, trunking or suspended mount installation
- Dimmable and PIR sensor options available with recommended maximum heights of 12 metres



Fast fix geartray



| Cat No. | Type | Lumens | Wattage | Llm/cW |
|---------------------------|-----------|--------|---------|--------|
| Open Area Optic | | | | |
| ELB16WS40 | Standard | 16000 | 112W | 143 |
| ELB16WE40 | Emergency | 16000 | 112W | 143 |
| ELB21WS40 | Standard | 21000 | 155W | 135 |
| ELB21WE40 | Emergency | 21000 | 155W | 135 |
| ELB30WS40 | Standard | 30000 | 240W | 125 |
| ELB30WE40 | Emergency | 30000 | 240W | 125 |
| Racking Lens Optic | | | | |
| ELB16RS40 | Standard | 16000 | 112W | 143 |
| ELB16RE40 | Emergency | 16000 | 112W | 143 |
| ELB21RS40 | Standard | 21000 | 155W | 135 |
| ELB21RE40 | Emergency | 21000 | 155W | 135 |
| ELB30RS40 | Standard | 30000 | 240W | 125 |
| ELB30RE40 | Emergency | 30000 | 240W | 125 |

Product Options

| | |
|----------------------------|-----------------------------|
| Digital Dimmable | Insert D, e.g ELB16WD40 |
| Self-Test Emergency | Insert EST, e.g ELB16WEST40 |
| DALI Addressable Emergency | Insert DED, e.g ELB16WDED40 |

Elara Bay PIR



- LED lowbay with fastfix geartray and options of PIR sensor and daylight dimming capabilities
- Choose between wide lens or racking optics so suit your application
- IK10 high impact resistant steel body and polycarbonate lenses
- Suitable for surface, trunking or suspended mounting

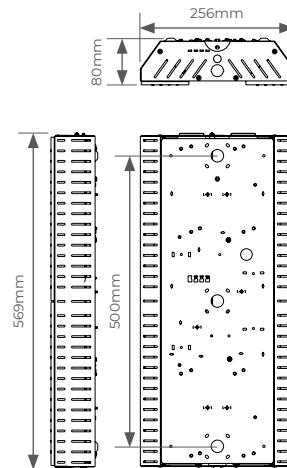


Batten mount PIR sensor with adjustable settings

| Cat No. | Type | Lumens | Wattage | Llm/cW |
|---------------------------|-------------------|--------|---------|--------|
| Wide Lens Optic | | | | |
| ELB16WS40PIR | Batten Mount PIR | 16000 | 112W | 143 |
| ELBP16WS40 | Central Mount PIR | 16000 | 112W | 143 |
| ELB21WS40PIR | Batten Mount PIR | 21000 | 155W | 135 |
| ELBP21WS40 | Central Mount PIR | 21000 | 155W | 135 |
| ELB30WS40PIR | Batten Mount PIR | 30000 | 240W | 125 |
| ELBP30WS40 | Central Mount PIR | 30000 | 240W | 125 |
| Racking Lens Optic | | | | |
| ELB16RS40PIR | Batten Mount PIR | 16000 | 112W | 143 |
| ELBP16RS40 | Central Mount PIR | 16000 | 112W | 143 |
| ELB21RS40PIR | Batten Mount PIR | 21000 | 155W | 135 |
| ELBP21RS40 | Central Mount PIR | 21000 | 155W | 135 |
| ELB30RS40PIR | Batten Mount PIR | 30000 | 240W | 125 |
| ELBP30RS40 | Central Mount PIR | 30000 | 240W | 125 |

Product Options

| | |
|----------------------------|---------------------------------|
| Dimmable | Insert D, e.g ELB16WD40 |
| 3 Hour Emergency | Insert E, e.g ELB16WE40 |
| Self-Test Emergency | Insert EST, e.g ELBP16WEST40PIR |
| DALI Addressable Emergency | Insert DED, e.g ELBP16WDED40 |





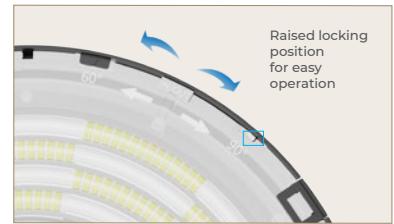
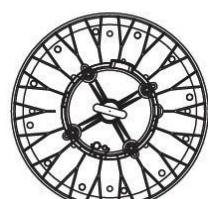
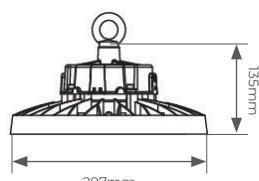
Titan All-in-one High Bay



Colour & Wattage adjustable



Detachable buckle – without tools



Choose the appropriate beam angle as needed, rotate the wrench position by hand until the pointer points to the angle scale and stops

- Titan All in One highbay a fully flexible highbay that gives you every option that you will need in a single product
- Die-cast aluminium housing with patented adjustable optic lens providing wide and narrow distributions.
- Power change and colour change 16,000-32,000lm 4000k-6500k
- Supplied with 1m pre-wired cable suspended via eye bolt hook
- High output emergency of over 900 lumens

| Cat No. | Type | Beam Angle | Lumens | Wattage | Efficacy llm/cW | Colour Temp. |
|-----------|----------------|-------------|-------------------------------|----------------------|-----------------|-------------------------|
| LHBB31DCC | 1-10V Dimmable | Wide Narrow | 16000lm 24000lm 32000lm | 100W 150W 200W | 160 | 4000K 5000K 6500K |

Product Options

| | |
|--------------------------------|------------|
| Emergency Pack | LHBEM3ET8W |
| Zhaga Plug-in Microwave sensor | LHBZHMW |
| Remote control | LHBREM |





Ceres

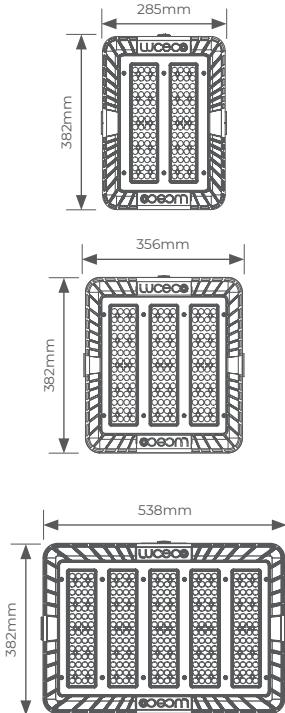


- Diecast aluminium housing for increased thermal performance, polycarbonate lens with option of 60, 90, 120 degree optic or racking aisle lens
- 11,000 to 35,500 lumens from two, three or five row housing
- Supplied with stirrup bracket and hook for surface or suspension mounting

| Cat No. | Finish | Lumens | Wattage | Llm/cW |
|------------------------|-----------|--------|---------|--------|
| 120 Degree Lens | | | | |
| LHBC11S120 | Standard | 11000 | 75W | 147 |
| LHBC11E120 | Emergency | 11000 | 75W | 147 |
| LHBC16S120 | Standard | 16000 | 110W | 145 |
| LHBC16E120 | Emergency | 16000 | 110W | 145 |
| LHBC22S120 | Standard | 22000 | 160W | 138 |
| LHBC22E120 | Emergency | 22000 | 160W | 138 |
| LHBC28S120 | Standard | 28000 | 200W | 140 |
| LHBC28E120 | Emergency | 28000 | 200W | 140 |
| LHBC36S120 | Standard | 35500 | 260W | 137 |
| LHBC36E120 | Emergency | 35500 | 260W | 137 |

| Cat No. | Finish | Lumens | Wattage | Llm/cW |
|---------------------------|-----------|--------|---------|--------|
| Racking Aisle Lens | | | | |
| LHBC11SR | Standard | 11000 | 75W | 147 |
| LHBC11ER | Emergency | 11000 | 75W | 147 |
| LHBC16SR | Standard | 16000 | 110W | 145 |
| LHBC16ER | Emergency | 16000 | 110W | 145 |
| LHBC22SR | Standard | 22000 | 160W | 138 |
| LHBC22ER | Emergency | 22000 | 160W | 138 |
| LHBC28SR | Standard | 28000 | 200W | 140 |
| LHBC28ER | Emergency | 28000 | 200W | 140 |
| LHBC36SR | Standard | 35500 | 260W | 137 |
| LHBC36ER | Emergency | 35500 | 260W | 137 |

| Product Options | |
|----------------------------|------------------------------|
| 60 Degree Lens | Insert 60, e.g LHBC11S60 |
| 90 Degree Lens | Insert 90, e.g LHBC11S90 |
| Digital Dimmable | Insert D, e.g LHBC11D120 |
| Emergency Dimmable | Insert ED, e.g LHBC11ED120 |
| Self-Test Emergency | Insert EST, e.g LHBC11EST120 |
| DALI Addressable Emergency | Insert DED, e.g LHBC11DED120 |
| Black Housing | Insert B, e.g LHBC11S120B |





LuxPack ESSENCE

NEW
PRODUCT



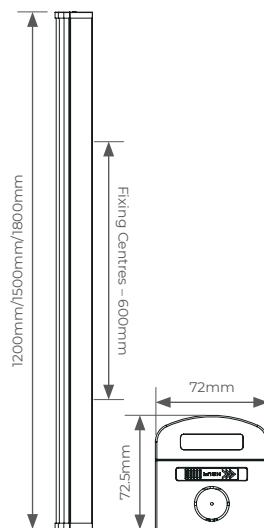
Available to specify



Sliding release tab



Speedfit installation



Plug and play microwave sensor



Plug and play emergency pack

- Surface mounting linear batten offering equivalent performance in 1200mm, 1500mm and 1800mm lengths
- Robust iron constructed body with BESA fixing points and large opal polycarbonate diffuser for improved uniformity
- Quick slide release tabs for fast and easy installation of plug and play hinged LED diffuser

| Cat No. | Type | Lumens | Wattage | Lim/cW | Length | CCT |
|-----------|--------------|-----------|---------|--------|--------|-----------------|
| LXB12WL40 | Fixed Output | 2400-4800 | 20-40W | 120 | 1200mm | 4000K |
| LXB15WL40 | Fixed Output | 3600-7200 | 30-60W | 120 | 1500mm | 4000K |
| LXB18WL40 | Fixed Output | 4800-9500 | 40-67W | 141 | 1800mm | 4000K |
| LXB12WLCC | Fixed Output | 2400-4800 | 20-40W | 120 | 1200mm | 3000/4000/6500K |
| LXB15WLCC | Fixed Output | 3600-7200 | 30-60W | 120 | 1500mm | 3000/4000/6500K |

Product Options

| | |
|-----------------------|----------------------------|
| DALI Digital Dimmable | Insert D, e.g. LXB15W36D40 |
|-----------------------|----------------------------|

Accessory

| Accessory | Description |
|-----------|--------------------------------|
| UEM2W | Plug and play emergency pack |
| UMWS | Plug and play microwave sensor |



3000K
WARM WHITE

4000K
COOL WHITE

6500K
DAYLIGHT WHITE



Serviceable and Sustainable

Quick, tool free replacement LED board and Driver units, means there is no need to replace the entire unit at end of life, saving time and effort whilst reducing land fill waste.



Easy and Efficient Installation

Toolless piano key terminal connectors ensure the quick and simple on site installation straight out the box.

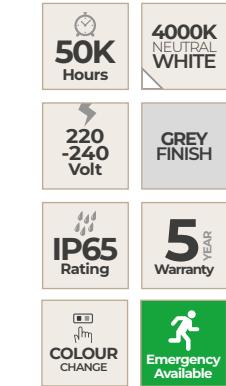


Plug and Play Adaptability

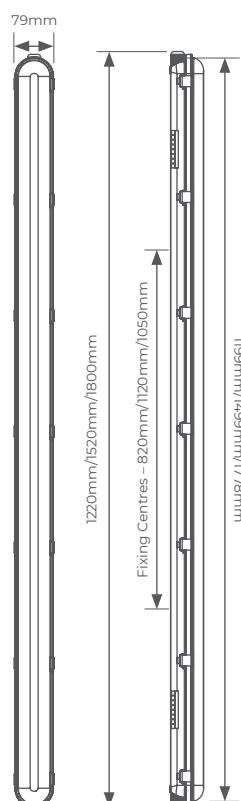
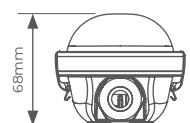
Plug and play emergency packs and Microwave sensor modules that click into place, allowing for customisable solutions.

Cat No.

| Cat No. | Replacement Parts |
|------------|--------------------------------------|
| LXB12WL40M | Replacement LED Array for LXB12WL40 |
| LXB15WL40M | Replacement LED Array for LXB15WL40 |
| LXB18WL40M | Replacement LED Array for LXB18WL40 |
| LXB12WLCCM | Replacement LED Array for LXB12WLCC |
| LXB15WLCCM | Replacement LED Array for LXB15WLCC |
| LXB12WL40D | Replacement LED Driver for LXB12WL40 |
| LXB15WL40D | Replacement LED Driver for LXB15WL40 |
| LXB18WL40D | Replacement LED Driver for LXB18WL40 |
| LXB12WLCCD | Replacement LED Driver for LXB12WLCC |
| LXB15WLCCD | Replacement LED Driver for LXB15WLCC |



Available to specify



Climate ESSENCE

**NEW
PRODUCT**



Plug and play microwave sensor



Plug and play emergency pack

| Cat No. | Type | Lumens | Wattage | Llm/cW | Length | CCT |
|-----------|--------------|-----------|---------|--------|--------|-----------------|
| ECL120L40 | Fixed Output | 2400-4800 | 20-40W | 120 | 1200mm | 4000K |
| ECL150L40 | Fixed Output | 3000-6000 | 25-50W | 120 | 1500mm | 4000K |
| ECL180L40 | Fixed Output | 4100-8400 | 34-70W | 120 | 1800mm | 4000K |
| ECL120LCC | Fixed Output | 2400-4800 | 20-40W | 120 | 1200mm | 3000/4000/6500K |
| ECL150LCC | Fixed Output | 3000-6000 | 25-50W | 120 | 1500mm | 3000/4000/6500K |

| Accessory | Description |
|-----------|--------------------------------|
| UEM2W | Plug and play emergency pack |
| UMWS | Plug and play microwave sensor |

3000K
WARM WHITE4000K
COOL WHITE6500K
DAYLIGHT WHITE

Serviceable and Sustainable

Quick, tool free replacement LED board and Driver units, means there is no need to replace the entire unit at end of life, saving time and effort whilst reducing land fill waste.



Easy and Efficient Installation

Toolless piano key terminal connectors ensure quick and simple on site installation straight out the box.

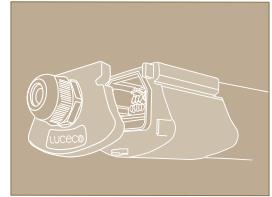


Plug and Play Adaptability

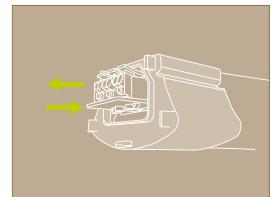
Plug and play emergency packs and Microwave sensor modules that click into place, allowing for customisable solutions.

Cat No.

| Replacement Parts | |
|-------------------|--------------------------------------|
| ECL120L40M | Replacement LED Array for ECL120L40 |
| ECL150L40M | Replacement LED Array for ECL150L40 |
| ECL180L40M | Replacement LED Array for ECL180L40 |
| ECL120LCCM | Replacement LED Array for ECL120LCC |
| ECL150LCCM | Replacement LED Array for ECL150LCC |
| ECL120L40D | Replacement LED Driver for ECL120L40 |
| ECL150L40D | Replacement LED Driver for ECL150L40 |
| ECL180L40D | Replacement LED Driver for ECL180L40 |
| ECL120LCCD | Replacement LED Driver for ECL120LCC |
| ECL150LCCD | Replacement LED Driver for ECL150LCC |



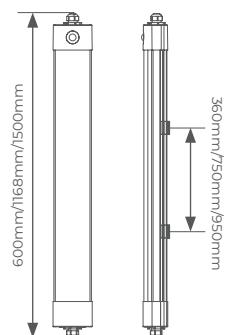
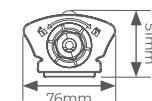
Tool-less IP65 detachable end caps



Piano key loop in/out terminals



PIR override functionality



Storm Linear PIR



- Pull-out speed fit piano key terminals at both ends for through wireable installation
- Clip&fit ends caps and supplied with 20mm IP68 glands
- Ceiling or suspension installation provided with surface mount brackets
- PIR controlled (5 metre detection range) with override at the wall switch

| Cat No. | Lumens | Wattage | Llm/cW | Length |
|-------------|--------|---------|--------|--------|
| ESL12P36W40 | 3600 | 36W | 100 | 1200mm |
| ESL15P50W40 | 5000 | 50W | 100 | 1500mm |



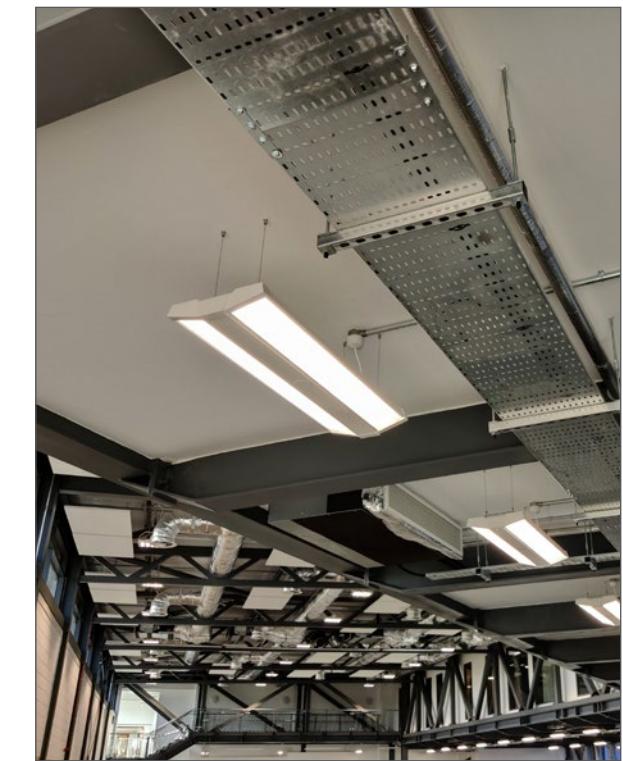
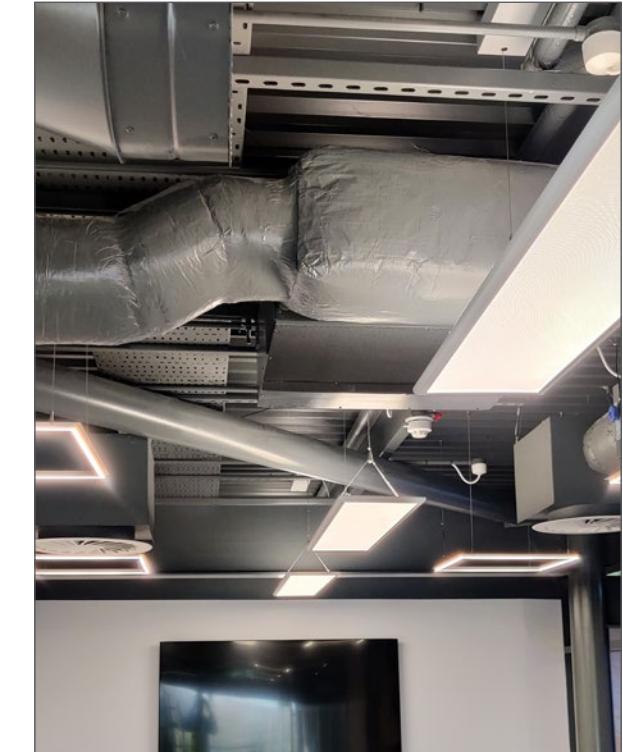
CALLISTO STARS AT PREMIER LEAGUE TRAINING GROUND

Callisto from Luceco has been installed at an academy base for a Premier League Training Ground near Birmingham. Callisto is a contemporary and stylish linear LED surface mounted luminaire, offering over 100,000 hours of maintenance free, operational life and was specified for this state-of-the-art cutting edge, sports, and scientific technology centre. With an efficacy of 135 Llm/cW, and lumen output variants ranging from 11,000lm up to 32,000lm, Callisto benefits from IK10 rating so can be used in semi industrial applications as well recreational and sports facilities, offering both wide and narrow optical light distribution.

Ceres was also a principal luminaire alongside the Callisto. The Ceres range offers up to 147Llm/cW with 100,000 hours working life, perfect for applications with high mounting locations where re lamping can be both hazardous and expensive due to hire of special equipment and downtime. IP65 rated, Ceres is available with on/off presence detection options, often a requirement in commercial and industrial applications and 60, 90 and 120-degree lens variations. Options include two, three or five row LED housing possibilities and like Callisto, is available as fixed output, DALI dimmable, emergency back-up variants and Luceco's Wireless Lighting Controls, Platform and Elevate.

Conference facilities, match analysis rooms and offices were lit with a combination of Leren, LuxFrame and Ice, all highly contemporary energy saving luminaires. Offering both upward and downward light distribution, Leren benefits from through-wiring, including electrical connectors as standard, to provide standalone pendent style illumination as at the training facility, or continuous run installations.

Cost effective lighting was an essential element for this state-of-the-art sports facility, and Callisto is definitely performing a starring role at this famous Midland's based, football club's training ground!





Floodlights

Floodlights are used in residential applications lighting driveways and gardens but also commercially, providing external lighting for places of work and public spaces.

Residential floodlights come in different sizes and are available with PIR sensors where required for presence detection and additional security. Commercial floodlights are larger, more powerful and designed for extended operating hours.



Essence Security
Floodlight **138**



Essence Security
Floodlight with PIR **140**



Smart Castra Security
Floodlight **142**

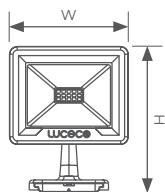
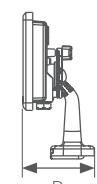
| | |
|--------------------------------|-----------------|
| IP65 Rating | 25K Hours |
| 4000K NEUTRAL WHITE | BLACK FINISH |
| 220-240 Volt | 3 YEAR Warranty |
| LED CHIP >120+ lumens per watt | |



Rotatable ball joint



2-part installation bracket



Essence Security Floodlight



- Innovative Fit & Tilt multi-position ball joint for perfect directional focus – increase security lighting up those difficult to reach areas
- 2-part installation bracket for easy access quick & simple installation.
- IP65 Corrosion-resistant die cast aluminium housing with tempered glass
- Pre-wired 1m H05RN-F rubber cable
- High efficiency 120lm/W long-life LED chips
- CRI 80 – suitable for use with CCTV
- Equivalent light to traditional halogen – 90% energy savings
- Suitable for residential or commercial outdoor security lighting
- Perfect for driveways, gardens, patios, entrance and walkways

| Cat No. | Lumens | Wattage | Llm/cW | Colour Temp | WxHxD (mm) |
|-----------|--------|---------|--------|-------------|------------|
| EFLD10B40 | 1050 | 10W | 105 | 4000K | 114x140x70 |
| EFLD20B40 | 2100 | 20W | 105 | 4000K | 129x150x70 |
| EFLD30B40 | 3150 | 30W | 105 | 4000K | 144x161x70 |
| EFLD50B40 | 5250 | 50W | 105 | 4000K | 184x193x70 |

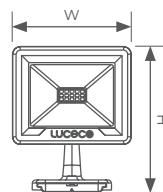
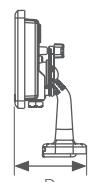




Rotatable ball joint



2-part installation bracket



Essence

Security Floodlight with PIR



- Innovative Fit & Tilt multi-position ball joint for perfect directional focus – increase security lighting up those difficult to reach areas
- 2-part installation bracket for easy access quick & simple installation
- IP65 PIR with adjustable time and lux light setting
- Dusk-till-dawn PIR override - adjustable Time, Lux and Range sensitivity dials
- IP65 Corrosion-resistant die cast aluminium housing with tempered glass
- Pre-wired 1m H05RN-F rubber cable
- High efficiency 120lm/W long-life LED chips
- CRI 80 – suitable for use with CCTV
- Equivalent light to traditional halogen – 90% energy savings
- Suitable for residential or commercial outdoor security lighting
- Perfect for driveways, gardens, patios, entrance and walkways

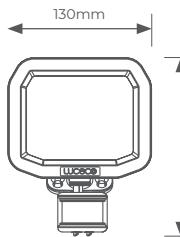
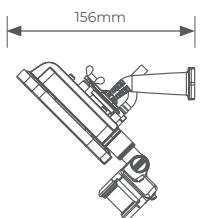
| Cat No. | Lumens | Wattage | Llm/cW | Colour Temp | WxHxD (mm) |
|------------|--------|---------|--------|-------------|-------------|
| EFLD10B40P | 1050 | 10W | 105 | 4000K | 1114x140x88 |
| EFLD20B40P | 2100 | 20W | 105 | 4000K | 129x150x88 |
| EFLD30B40P | 3150 | 30W | 105 | 4000K | 144x161x88 |
| EFLD50B40P | 5250 | 50W | 105 | 4000K | 184x193x88 |



| | |
|------------------|-----------------|
| 2.4 GHz | 105° Beam Angle |
| 20W | 200W |
| 220-240 Volt | 30K Hours |
| 5000K Cool White | IP65 Rating |
| PIR Sensor | 3 Year Warranty |



Rotatable ball joint



CASTRA Security Floodlight

luceco
Smart!



- Intelligent Smart Meshing
- Reliable – does not overload Wi-Fi network
- Operate using your home Wi-Fi network on 2.4GHz – no Hub required
- Self-healing for improved reliability
- Adjustable Smart PIR setting: Time, Lux, Sensitivity
- Override function for dusk till dawn operation
- Group and control Luceco Smart lighting together or individually via voice command or the app
- Communicates* beyond Wi-Fi router perimeter

*must have other lighting devices in range connected to Wi-Fi

| Cat No. | Lumens | Wattage | Colour Temp |
|--------------|--------|---------|-------------|
| LSMFSP20B150 | 2400 | 20w | 5000K |

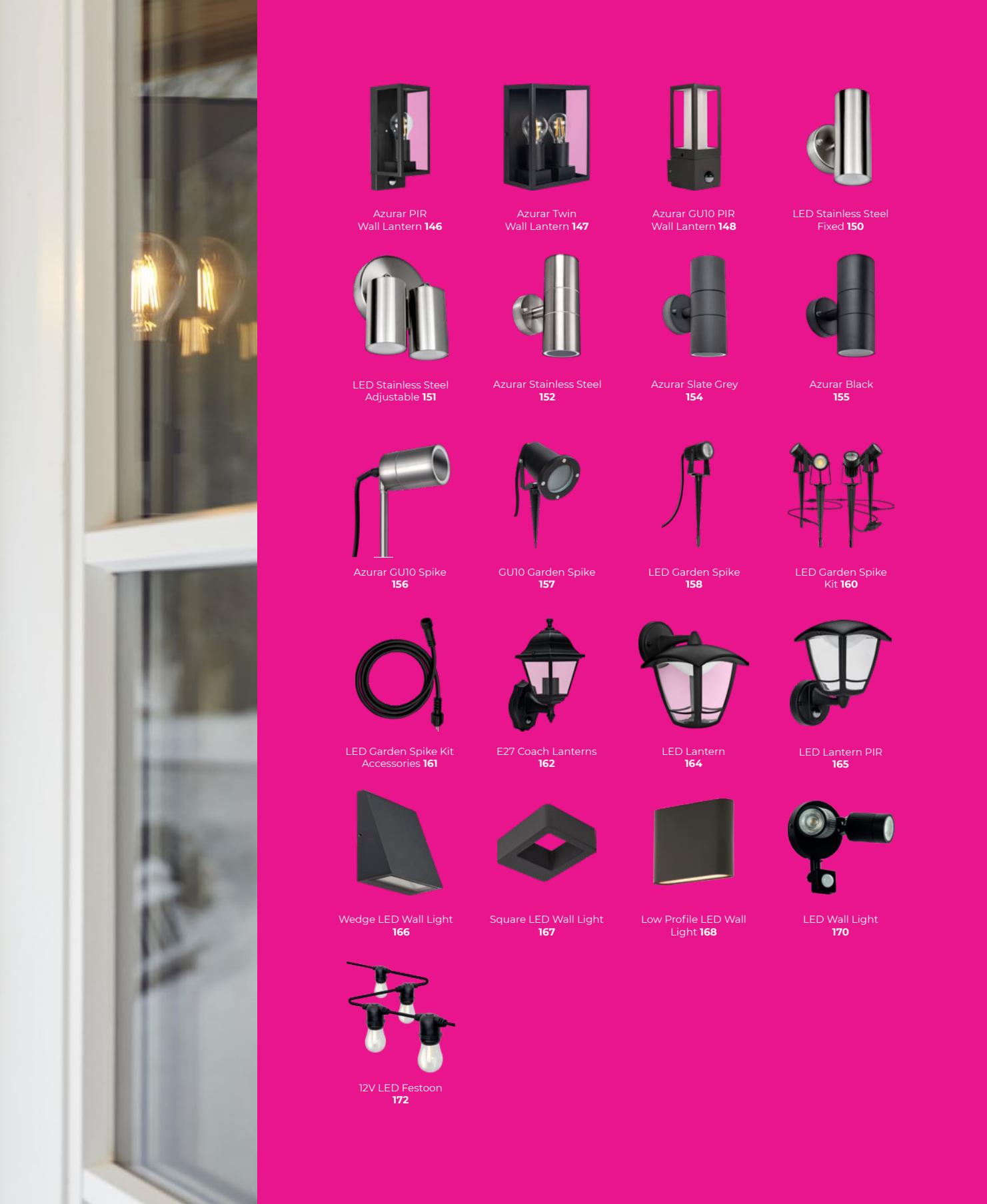


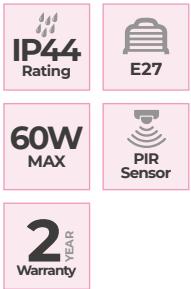


Exterior Domestic

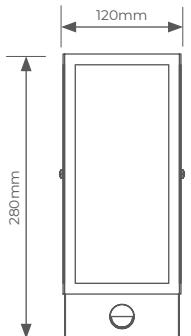
Light up your garden with our amazing exterior decorative lighting collection. Premium quality, dynamic and durable.

The Exterior Decorative range combines performance with aesthetics to create functional and beautiful outdoor spaces. They're designed to match in colour temperature, finish and construction.





Decorative lamp included



Azurar PIR Wall Lantern



- Decorative modern design with waterproof die cast housing
- Adjustable time and Lux PIR controls
- Decorative filament LED lamp included
- IP44 weather protection
- Available in black and slate grey

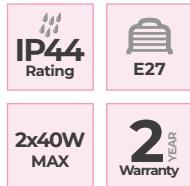
| Cat No. | Finish |
|------------|--------|
| LEXDGLWSBP | Black |

Azurar Twin Wall Lantern

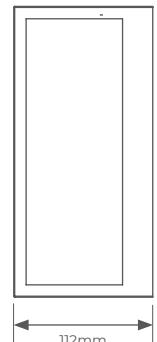
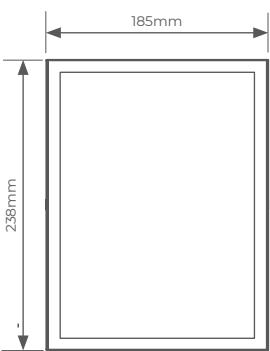


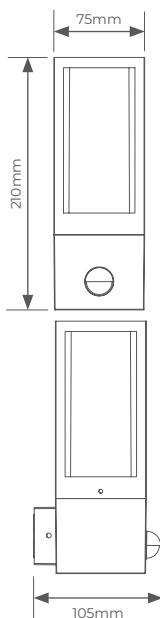
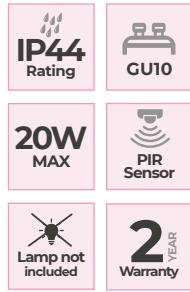
- Decorative modern design with waterproof die cast housing
- Twin A60 lamp holders
- Decorative filament LED lamp included
- IP44 weather protection
- Available in black and slate grey

| Cat No. | Finish |
|-----------|--------|
| LEXDGLWTB | Black |



Decorative lamp included





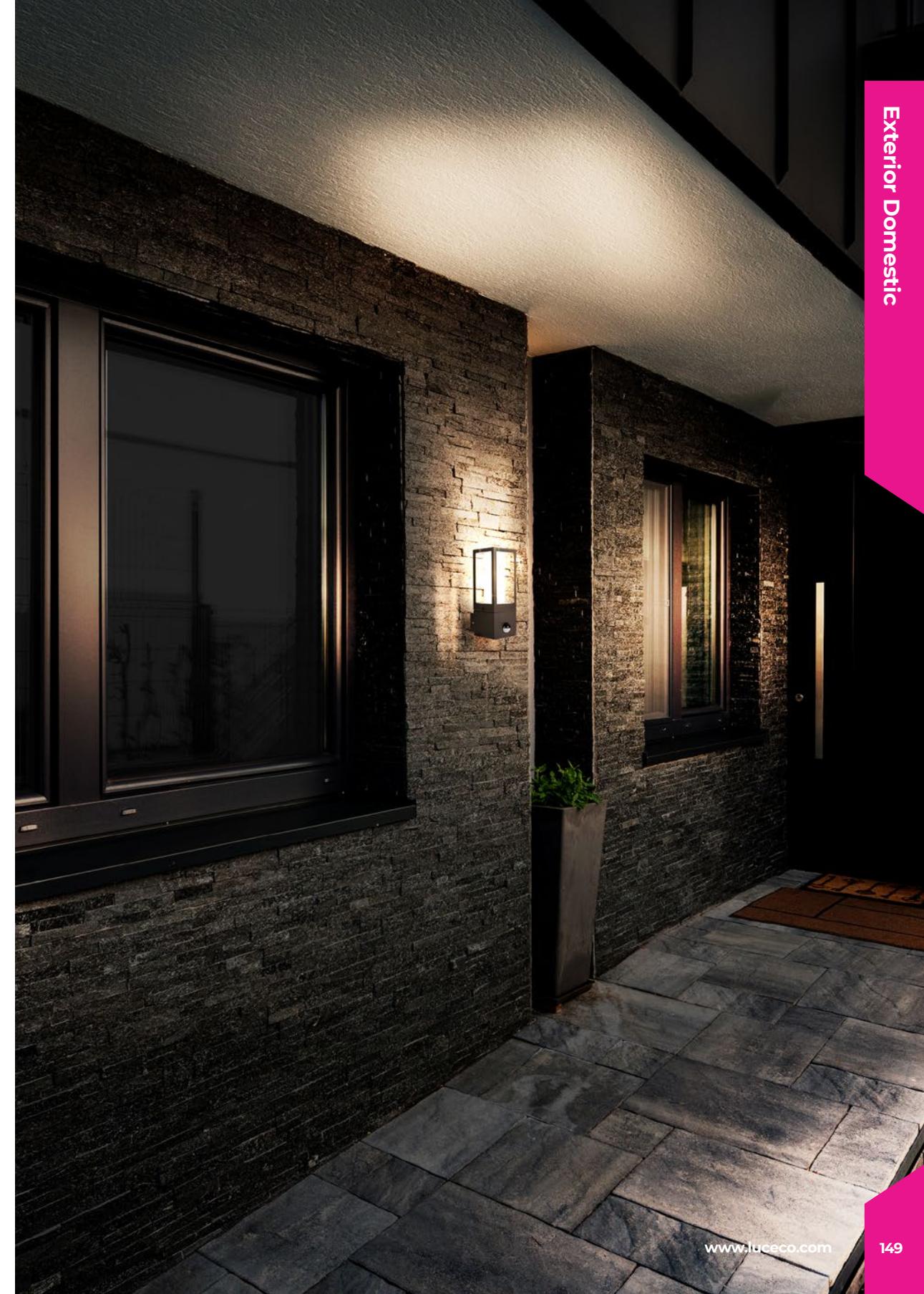
Azurar GU10 PIR Wall Lantern



- Decorative modern design with waterproof die cast housing
- Adjustable time and Lux PIR controls
- Anti-staining polycarbonate diffuser
- IP44 weather protection
- Available in slate grey

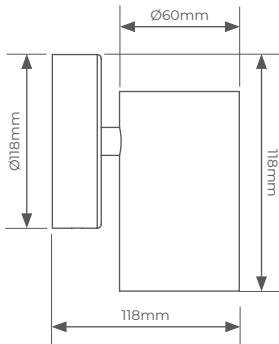
Cat No.
LEXDCLGUP

Finish
Slate Grey





Integrated LED



LED Stainless Steel Fixed



- Stainless steel constructed decorative wall light with fully integrated LED and tempered glass
- Classic design with modern energy saving LED technology
- Easy installation – no need to replace bulbs
- Single, Up/Down and PIR versions available
- Perfect for all residential installation in outdoor spaces including exterior walls, garden and communal patios areas and walkways

| Cat No. | Type | Lumens | Wattage |
|--------------|-------------|--------|---------|
| LEXDSS5UD30 | Up/Down | 500 | 8W |
| LEXDSS5UD30P | Up/Down PIR | 500 | 8W |

LED Stainless Steel Adjustable

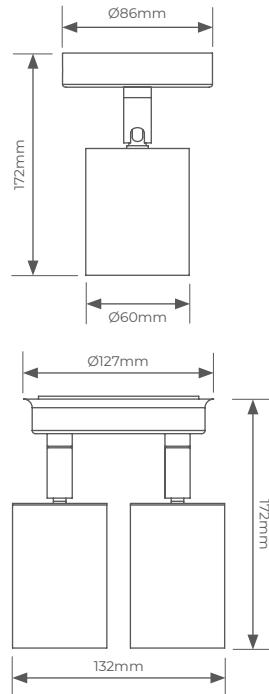


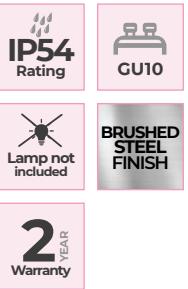
- Stainless steel constructed decorative wall light with fully integrated LED and tempered glass
- Classic design with modern energy saving LED technology
- Easy installation – no need to replace bulbs
- Single and twin adjustable heads
- Perfect for all residential installation in outdoor spaces including exterior walls, garden and communal patios areas and walkways

| Cat No. | Type | Lumens | Wattage |
|------------|-------------------|--------|---------|
| LEXDSS3A30 | Single Adjustable | 300 | 4W |
| LEXDSS5T30 | Twin Adjustable | 500 | 8W |

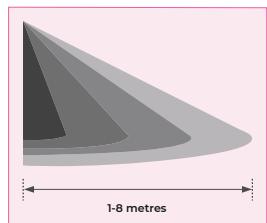


Integrated LED

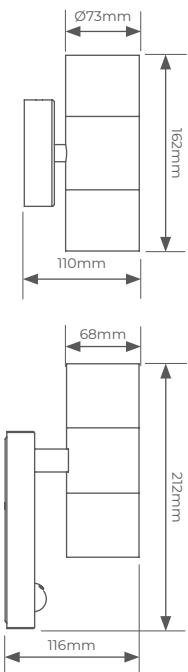




Azurar Stainless Steel



PIR range



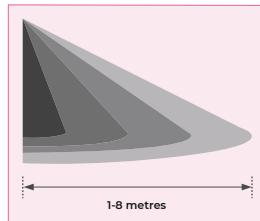
- GU10 stainless steel constructed decorative wall light with tempered glass
- Single, Up/Down and PIR versions available
- Adjustable time and Lux controls for PIR version
- Range of colour finishing available – perfect for all residential installation in outdoor spaces including exterior walls, garden and communal patios areas and walkways

| Cat No. | Type | IP Rating |
|-------------|-------------|-----------|
| LEXDSSF | Single Down | IP54 |
| LEXDSSUD | Up/Down | IP54 |
| LEXDSSUDPIR | Up/Down PIR | IP44 |

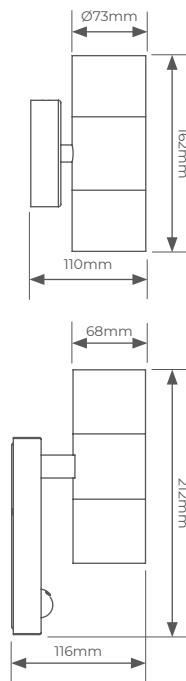




Azurar Slate Grey



PIR range



- GU10 stainless steel constructed decorative wall light with tempered glass
- Single, Up/Down and PIR versions available
- Adjustable time and Lux controls for PIR version
- Range of colour finishing available – perfect for all residential installation in outdoor spaces including exterior walls, garden and communal patios areas and walkways

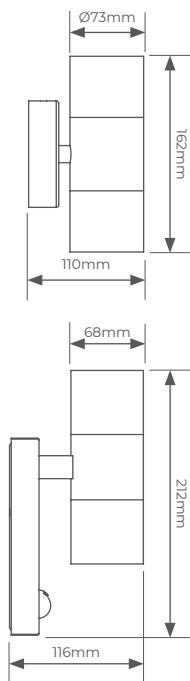
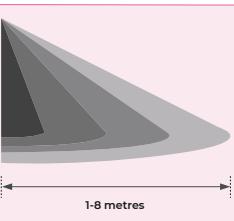
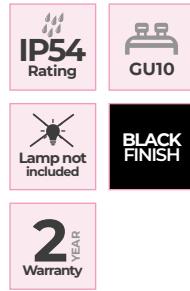
| Cat No. | Type | IP Rating |
|--------------|-------------|-----------|
| LEXDSSUDG | Up/Down | IP54 |
| LEXDSSUDPIRG | Up/Down PIR | IP44 |

Azurar Black



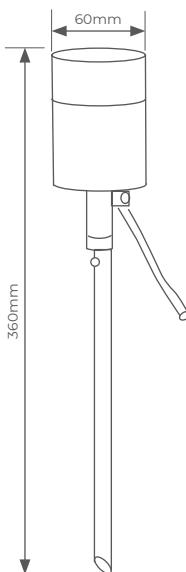
- GU10 stainless steel constructed decorative wall light with tempered glass
- Single, Up/Down and PIR versions available
- Adjustable time and Lux controls for PIR version
- Range of colour finishing available – perfect for all residential installation in outdoor spaces including exterior walls, garden and communal patios areas and walkways

| Cat No. | Type | IP Rating |
|---------------|-------------|-----------|
| LEXDSSFBK | Single Down | IP54 |
| LEXDSSUDBK | Up/Down | IP54 |
| LEXDSSUDPIRBK | Up/Down PIR | IP44 |





Azurar GU10 Spike



- GU10 stainless steel constructed garden spike light with tempered glass
- 1.95 metre pre-wired H05RN cable
- Range of colour finishing available – perfect for all residential installation in outdoor spaces including exterior walkways, garden and communal patios areas

| Cat No. | Finish |
|----------|-----------------|
| LEXDLSS | Stainless Steel |
| LEXDLSBK | Black |

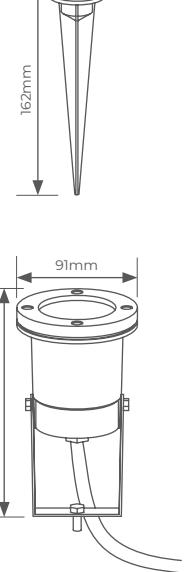


GU10 Garden Spike



- Decorative GU10 garden spike with fully adjustable head
- Die-cast aluminium housing
- Suitable for accent garden lighting
- Supplied pre-wired with 1 metre of cable

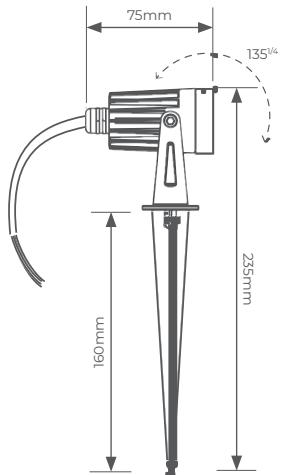
| Cat No. | Finish |
|----------|--------|
| LEXDGLSG | Black |



| | |
|---------------------|-----------------|
| IP66 Rating | 30K Hours |
| 4000K NEUTRAL WHITE | 220-240 Volt |
| BLACK FINISH | 2 YEAR Warranty |



Integrated LED



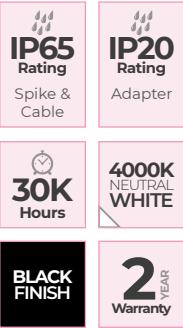
LED Garden Spike



- Latest integrated LED garden spike with tilt and rotatable head
- High impact housing for increased durability
- Perfect for accent garden lighting
- Supplied pre-wired with 1 metre of cable

| Cat No. | Lumens | Wattage |
|----------|--------|---------|
| LEXLSB40 | 200 | 3W |





Safe and simple to install:



LED Garden Spike Kit



- Easy plug and play 'do-it-yourself' install using push and fit connectors and 12V adaptor
- Latest integrated LED spike with high impact housing, tilt and rotatable head and tough hard wearing H05RN-F rubber cable
- Add extra LED spikes to your circuit for added coverage – 8 spikes maximum
- 1.8 metre spacing as standard – easy to add 2 metre extension cable for increased spacing

| Cat No. | Lumens | Wattage |
|-------------|---------|---------|
| LEXGSPK4P40 | 4 x 200 | 4 x 3W |

LED Garden Spike Kit Accessories

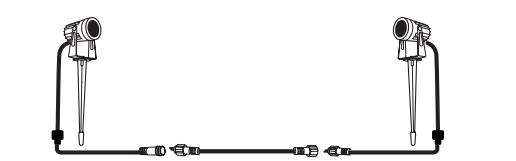


Optional Extensions

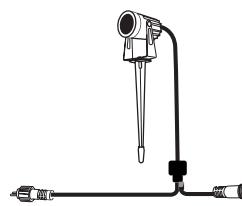
Extension Cable
2 metre



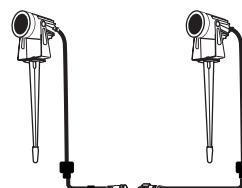
Extend distance between adaptor to Starter Spike
max. 5x extension cables (10 metres total)



Single Pack
Mid-extension spike



Add LED Spike Lights to your 4 pack, install **8 spikes maximum total** (extension spike cannot be added to end spike, add earlier in circuit)



| Cat No. | Description |
|-----------|-------------------------|
| LEXGSPK40 | Single Extension Spike |
| LEXGSPK2M | 2 Metre Extension Cable |

IP44
Rating

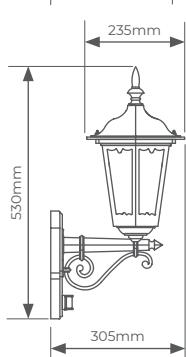
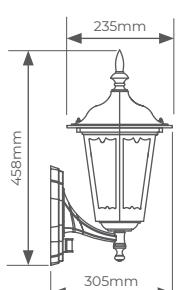
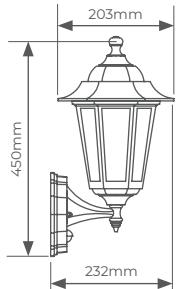
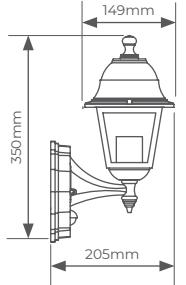
220-240
Volt

E27

Lamp not
included

BLACK
FINISH

2
YEAR
Warranty



E27 Coach Lanterns



LEXDCL4PB



LEXDCL6PB



LEXDCL6PBL



LEXDCL6PBLD

- Decorative traditional appearance coach lantern
- Complete with E27 lamp holder
- Die-cast aluminium housing with glass panels
- Adjustable PIR sensor with time and Lux level settings

Cat No.

LEXDCL4PB

LEXDCL6PB

LEXDCL6PBL

LEXDCL6PBLD

Type

4 Panel

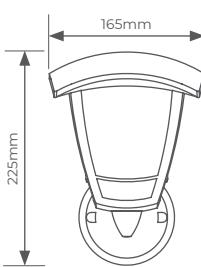
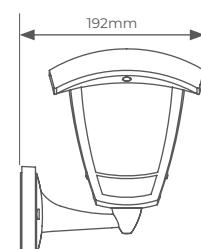
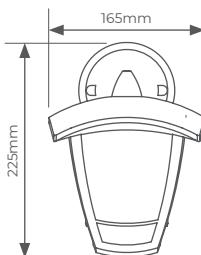
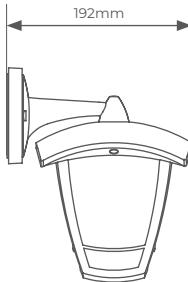
6 Panel

6 Panel Extended Outreach

6 Panel Decorative Extended Outreach



| | |
|---------------------|-----------------|
| IP44 Rating | 20K Hours |
| 4000K NEUTRAL WHITE | 220-240 Volt |
| BLACK FINISH | 2 YEAR Warranty |



LED Lantern



- Coach lantern with integrated LED technology
- Top and bottom arm options
- Plastic housing with four polycarbonate panels

| Cat No. | Lumens | Wattage | Arm Type |
|------------|--------|---------|----------|
| LEXCL4B6B4 | 640 | 8W | Bottom |
| LEXCL4T6B4 | 640 | 8W | Top |

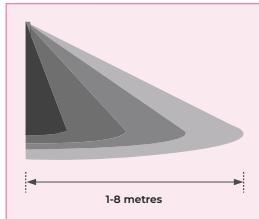
LED Lantern PIR



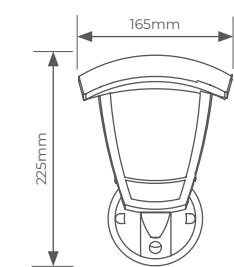
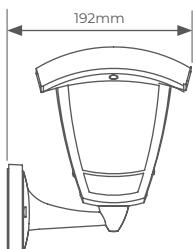
- Coach lantern with integrated LED technology
- Plastic housing with four polycarbonate panels
- Bottom arm design with adjustable PIR via dials under eyelid

| Cat No. | Lumens | Wattage |
|-------------|--------|---------|
| LEXCL4B6B4P | 640 | 8W |

| | |
|---------------------|-----------------|
| IP44 Rating | 20K Hours |
| 4000K NEUTRAL WHITE | 220-240 Volt |
| BLACK FINISH | 2 YEAR Warranty |



PIR range

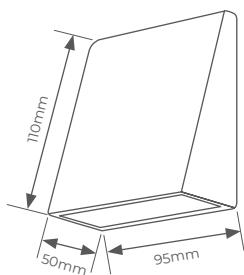




Wedge LED Wall Light



- Decorative wall lights with integrated LED
- Die-cast aluminium housing with slate grey finish
- Suitable for exterior or interior living applications

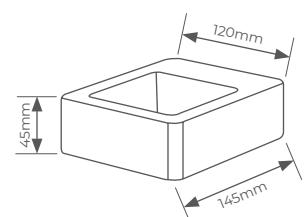


| Cat No. | Lumens | Wattage |
|-----------|--------|---------|
| LEXD3WDG3 | 120 | 3W |

Square LED Wall Light



- Decorative wall lights with integrated LED
- Die-cast aluminium housing with slate grey finish
- Suitable for exterior or interior living applications



| Cat No. | Lumens | Wattage |
|------------|--------|---------|
| LEXD5SUDG3 | 150 | 5.6W |

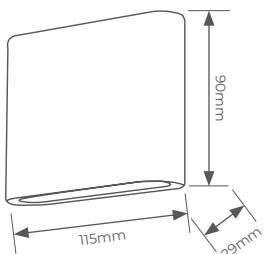




Low Profile LED Wall Light



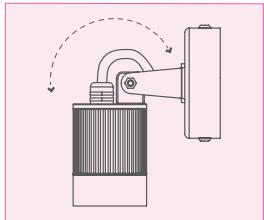
- Decorative wall lights with integrated LED
- Die-cast aluminium housing with slate grey finish
- Suitable for exterior or interior living applications



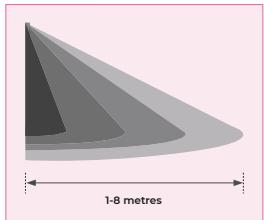
| Cat No. | Lumens | Wattage |
|------------|--------|---------|
| LEXD8FUDG3 | 520 | 10W |



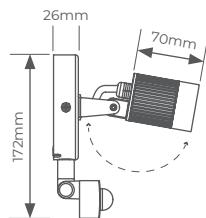
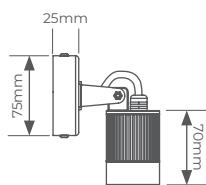
| | |
|---------------------|-----------------|
| IP54 Rating | 30K Hours |
| 4000K NEUTRAL WHITE | 220-240 Volt |
| BLACK FINISH | 2 YEAR Warranty |



Adjustable heads



PIR range



LED Wall Light



- Exterior single and twin wall lights with adjustable LED heads
- Die-cast aluminium housing for increased durability
- PIR twin head version

| Cat No. | Type | Lumens | Wattage |
|------------|---------------|--------|---------|
| LEXWS4B40 | Single Head | 360 | 5W |
| LEXWT7B40P | Twin Head PIR | 720 | 10W |



| | |
|---|----------------------------------|
|  | IP67 Rating Adaptor |
|  | IP44 Rating Festoon |
|  | 30K Hours |
|  | 2700K WARM WHITE |



Plug and play



Adaptor



12V LED Festoon



- Low voltage, safe for DIY
- Durable PET bulbs
- Hanging hook for easy installation
- IP44 weatherproof lamp holders IP67 in-line adaptor
- Durable black 2x0.3mm² PVC cable – suitable for prolonged outdoor use
- Connectable up to 50 bulbs (5x packs)
- 5m length has 10 fixed bulbs, spaced 50cm apart. Starter kits has extra 5m cable to connect to power.

| Cat No. | Lumens | Wattage |
|--------------|---------|----------------|
| LEXFS10B27UK | 10 x 80 | 8W (10 x 0.8W) |

| Product Accessories | |
|---------------------|--------------------------|
| LEXFS5B27UK | 5m 10 bulb extension KIT |
| LEXFS3EX | 3m power extension cable |





Solar

Solar technology offers a perfect solution to residential outdoor lighting where mains power is not present. With its quick and easy installation and 100% energy savings, Luceco offers a full range of Solar products to light up your household with no electricity costs.





Solar Decorative Stealth Wall Wash Light

with PIR Motion Sensor

**NEW
PRODUCT**



- Ideal for paths, fences and low-level lighting
- Decorative unobtrusive design with a big light output
- Easy fix wall bracket for quick installation
- No wiring, simple fit and forget solution for difficult to light areas
- High quality monocrystalline solar panel
- 5 lighting modes including dusk-till-dawn output
- PIR motion sensor to extend battery life
- Time Delay 30 seconds
- Detection Range 5m

| Cat No. | Lumens | Wattage | Battery Type |
|--------------|--------|---------|--------------|
| LEXSWW100B30 | 1000 | 7W | 3.7V 2000mAh |



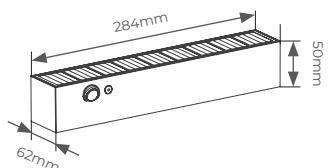


Solar Decorative Era Slim Brick Light with PIR Motion Sensor

NEW
PRODUCT



- Ideal for paths, fences and low-level lighting
- Decorative unobtrusive design with a big light output
- Easy fix wall bracket for quick installation
- No wiring, simple fit and forget solution for difficult to light areas
- High quality monocrystalline solar panel
- 5 lighting modes
- PIR motion sensor to extend battery life
- Time Delay 30 seconds
- Detection Range 5m



| Cat No. | Lumens | Wattage | Battery Type |
|--------------|--------|---------|--------------|
| LEXSBR100B30 | 1000 | 7W | 3.7V 2000mAh |

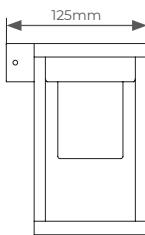
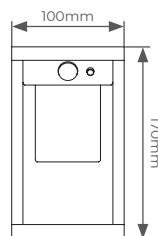




Solar Decorative Filament Wall Light

with PIR Motion Sensor & Bulb Included

**NEW
PRODUCT**



- Durable and weather resistant die cast aluminium housing
- High quality monocrystalline solar panel
- 4 lighting modes
- PIR motion sensor to extend battery life
- Detection Range 8m
- Time Delay 25 seconds

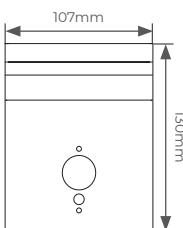
| Cat No. | Lumens | Wattage | Battery Type |
|------------|--------|---------|-------------------------|
| LEXSL22B30 | 220 | 2.7W | Li-ion, 1800mAh, 3.7VDC |



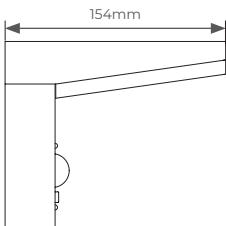


Solar Decorative Aries Wall Light with PIR Motion Sensor

NEW
PRODUCT



- Durable and weather resistant housing
- High quality monocrystalline solar panel
- 4 lighting modes
- PIR motion sensor to extend battery life
- Detection range 8m
- Time delay 25 seconds



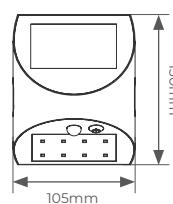
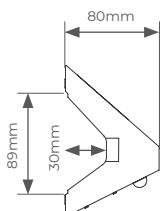
| Cat No. | Lumens | Wattage | Battery Type |
|------------|--------|---------|--------------|
| LEXSL60G30 | 600 | 5W | 3.7V 2000mAh |





Solar Decorative Prysm 3W Wall Light with USB Charging Port

**NEW
PRODUCT**



- No sun, no problem with inbuilt USB charging port for power top-up
- High quality monocrystalline solar panel
- Inbuilt ambient rear night light
- PIR motion sensor to extend battery life

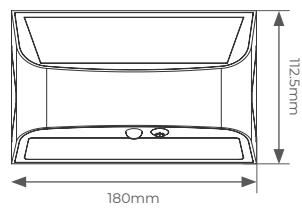
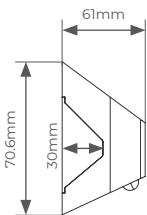
| Cat No. | Lumens | Wattage | Battery Capacity | Finish |
|------------|--------|---------|------------------|--------|
| LEXSW30B40 | 300 | 3W | 3.7V 2400mAh | Black |
| LEXSW30W40 | 300 | 3W | 3.7V 2400mAh | White |





Solar Decorative Prysm 6W Wall Light with USB Charging Port

**NEW
PRODUCT**



- No sun, no problem with inbuilt USB charging port for power top-up
- High quality monocrystalline solar panel
- Inbuilt ambient rear night light
- PIR motion sensor to extend battery life

| Cat No. | Lumens | Wattage | Battery Capacity | Finish |
|------------|--------|---------|------------------|--------|
| LEXSW60B40 | 600 | 6W | 3.7V 2400mAh | Black |
| LEXSW60W40 | 600 | 6W | 3.7V 2400mAh | White |



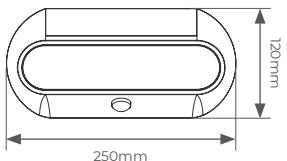
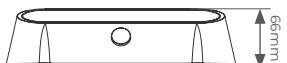


**Solar Decorative
Carina Bulkhead
with PIR Motion Sensor**

**NEW
PRODUCT**



- Ideal for paths, fences and low-level lighting
- Decorative unobtrusive design with a big light output
- No wiring, simple fit and forget solution for difficult to light areas
- High quality monocrystalline solar panel
- 3 lighting modes including dusk-till-dawn output
- PIR motion sensor to extend battery life



| Cat No. | Lumens | Wattage | Battery Capacity | Shape |
|-------------|--------|---------|------------------|--------|
| LEXSBH47B40 | 470 | 5W | 3.7V 2200mAh | Oval |
| LEXSBH50B40 | 500 | 5W | 3.7V 2400mAh | Eyelid |



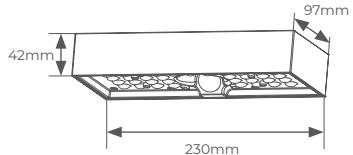


Solar Brick Light

with PIR motion sensor



- Adjustable PIR motion sensor with adjustable settings
- Auto charged from sunlight
- Zero Electricity Costs = 100% Energy Savings
- Ideal for residential applications that may be difficult to wire, including exterior walls, garden, drive, walkways and patios.



| Cat No. | Lumens | Finish |
|-------------|--------|--------|
| LEXSBR80G30 | 900 | Grey |

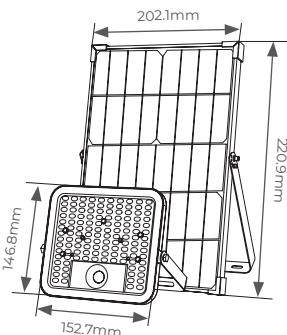




Solar Security High Output Floodlight Mensa

Colour Change and Remote Control

**NEW
PRODUCT**



- Durable die-cast aluminium cover
- UV-proof optical lens for uniform light distribution
- Super bright light output
- High-efficiency monocrystalline solar panel
- Battery indicator showing battery life and charging state
- Li-ion battery for a longer lifespan
- Charging time of 4-6 hours
- 5m extension cord

| Cat No. | Lumens | Wattage | Battery Charging Time |
|-------------|--------|---------|-----------------------|
| LEXSFD10BCC | 1500 | 10W | 4-6 hours |

Solar Guardian Floodlight with PIR and detachable Solar Panel



- Detachable bracket allows solar panel to be located on another wall to face direction of sun.
- 5m cable included
- Polycarbonate body for increased durability
- 2 lighting modes including NightGlow
- Perfect for external residential applications with no mains power, no wiring required, including entrance & driveway, gates & access areas, shed & outhouse

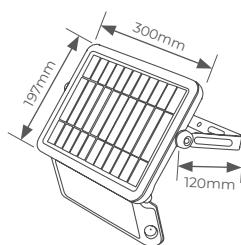
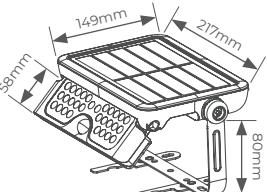
| Cat No. | Lumens | Battery Type | Battery Capacity | Finish |
|------------|--------|--------------|------------------|--------|
| LEXSF8B40 | 800 | Li-Ion 3.7V | 2000mAh | Black |
| LEXSF15B40 | 1500 | Li-Ion 3.7V | 4000mAh | Black |



Solar panel mountable in different location to maximise sunlight exposure

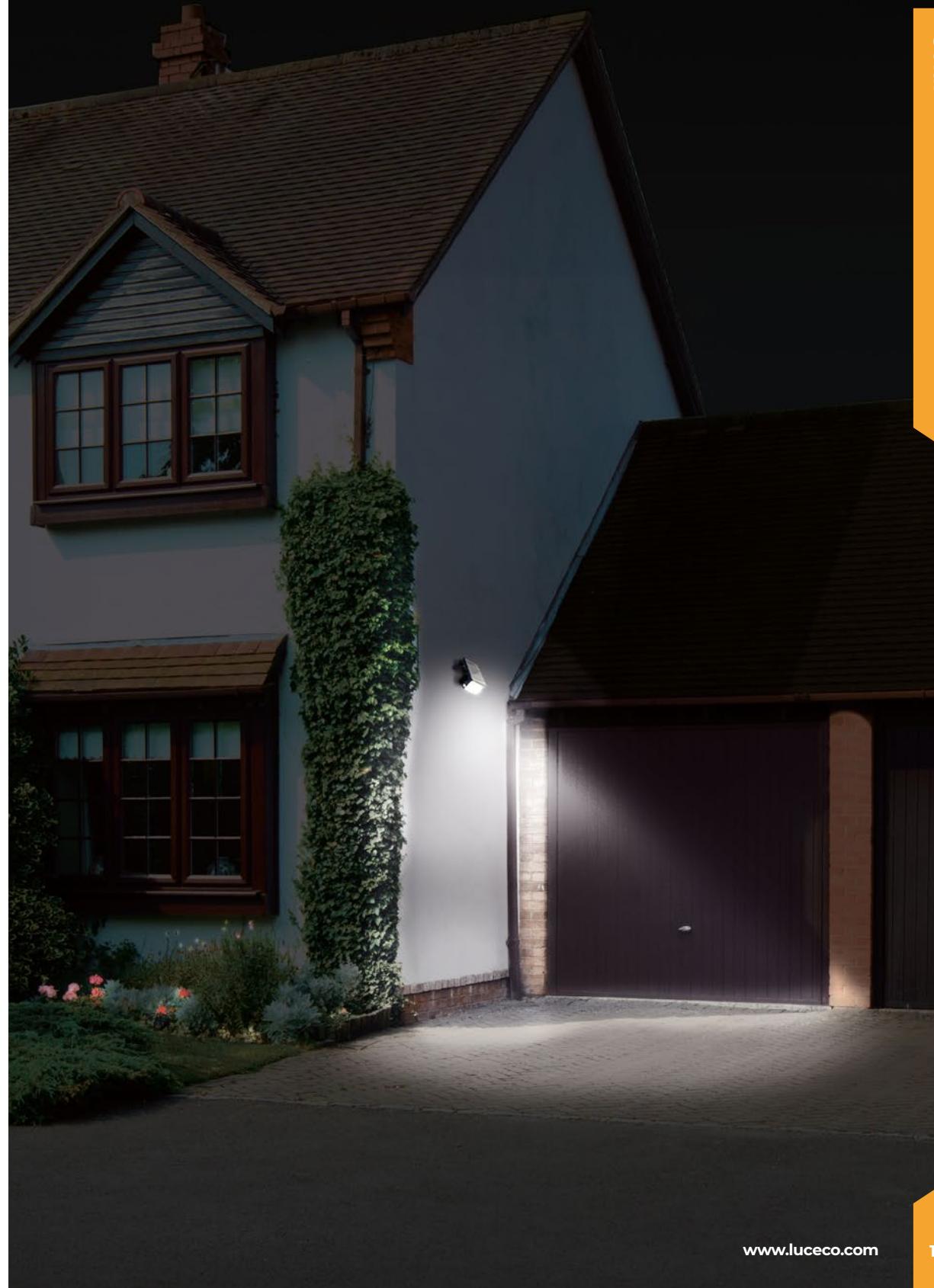


Solar Guardian Floodlight



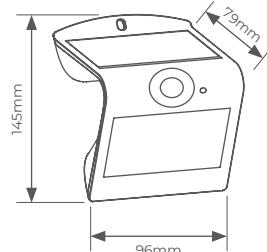
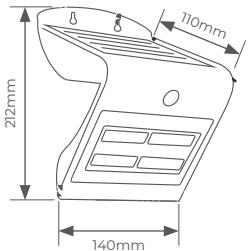
- Exterior floodlight with solar power technology, polycarbonate body for increased durability
- Equivalent performance to mains powered halogen or LED floodlights
- PIR / Photocell with security and presence detection mode settings
- Perfect for external residential applications with no mains power, no wiring required

| Cat No. | Lumens | Battery Type | Battery Capacity |
|------------|--------|--------------|------------------|
| LEXSF6B40 | 550 | Li-Ion 3.7V | 3000mAh |
| LEXSF11B40 | 1080 | Li-Ion 3.7V | 7200mAh |





Front & rear illumination



Solar Guardian Wall Light



- Exterior wall light with solar power technology
- Polycarbonate body for increased durability
- PIR / Photocell with security and presence detection mode settings
- Perfect for external residential applications with no mains power, no wiring required

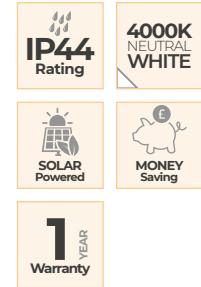
| Cat No. | Lumens | Battery Type | Battery Capacity | Finish |
|-----------|--------|--------------|------------------|--------|
| LEXS22B40 | 220 | Li-Ion 3.7V | 1200mAh | Black |
| LEXS22W40 | 220 | Li-Ion 3.7V | 1200mAh | White |
| LEXS40B40 | 400 | Li-Ion 3.7V | 2000mAh | Black |
| LEXS40W40 | 400 | Li-Ion 3.7V | 2000mAh | White |

Solar Stainless Steel Wall Lantern



- Exterior wall light with solar power technology
- Stainless steel constructed body
- Product illuminates only when required with PIR / Photocell
- Perfect for external residential applications with no mains power, no wiring required

| Cat No. | Lumens | Battery Type | Battery Capacity |
|-------------|--------|------------------|------------------|
| LEXDSL1S40P | 100 | Ni-Mh 3x1.2V AAA | 900mAh |





Commercial Exterior

Exterior lighting can be critical for operation to continue in hours of darkness, for example as service yards or for sports lighting. It can be necessary for health and safety reasons in areas such as car parks and pathways. Exterior lighting can also be used as a decorative aesthetic on architecture, to enhance the overall appearance and presentation of an outdoor environment.

From road lanterns to wall packs, Luceco's commercial exterior offering will have all your lighting needs covered.



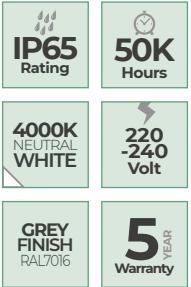
Fortis Wallpack
200



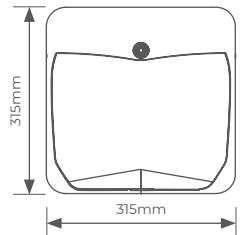
Guardian Pro Floodlight
202



High Output Flood
203



Fortis Wallpack



- Die-cast aluminium body and polycarbonate lens
- 1500-3500 Lumens with 6:1 space to height ratio designed to replace 70W SON lamps for building perimeter illumination
- Wall-mounted with hinged gear tray for ease of installation

| Cat No. | Type | Lumens | Wattage | Lim/cW |
|------------|---------------------|--------|---------|--------|
| LWF15S40 | Standard | 1500 | 15W | 100 |
| LWF15E40 | Emergency | 1500 | 15W | 100 |
| LWF15S40PC | Photocell | 1500 | 15W | 100 |
| LWF15E40PC | Photocell Emergency | 1500 | 15W | 100 |
| LWF35S40 | Standard | 3500 | 35W | 100 |
| LWF35E40 | Emergency | 3500 | 35W | 100 |
| LWF35S40PC | Photocell | 3500 | 35W | 100 |
| LWF35E40PC | Photocell Emergency | 3500 | 35W | 100 |

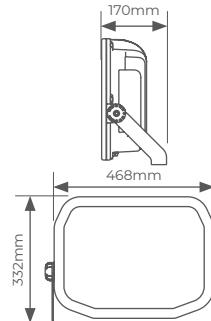
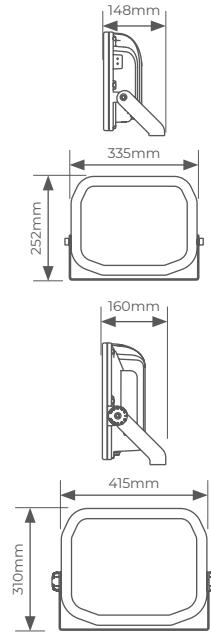
Product Options

Self-Test Emergency Insert EST, e.g LWF15EST40





Tilt adjustment lock



Guardian Pro Floodlight



- Horizontal mounting floodlight
- Maintenance free
- Pre-wired with 1 metre of HO5RN-F rubber cable
- "Fit and tilt" bracket for simple installation
- Tilt adjustment locks

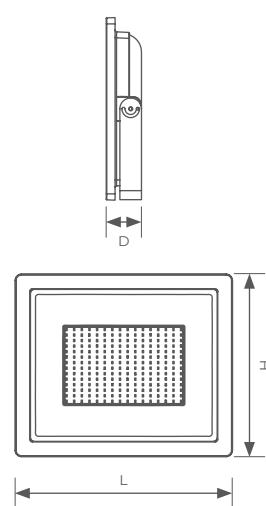
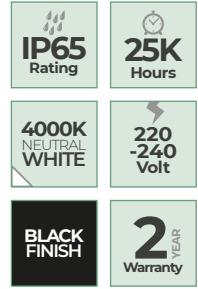
| Cat No. | Type | Lumens | Wattage | Lim/cW |
|--------------|-----------|--------|---------|--------|
| LFP50B140F | Standard | 6800 | 50W | 136 |
| LFP100B140F | Standard | 12500 | 100W | 125 |
| LFP150B140F | Standard | 19200 | 150W | 128 |
| LFP200B140F | Standard | 26000 | 200W | 130 |
| LFP245B140F | Standard | 30000 | 245W | 122 |
| LFPL50B140F | Photocell | 6800 | 50W | 136 |
| LFPL100B140F | Photocell | 12500 | 100W | 125 |
| LFPL150B140F | Photocell | 19200 | 150W | 128 |
| LFPL200B140F | Photocell | 26000 | 200W | 130 |
| LFPL245B140F | Photocell | 30000 | 245W | 122 |

High Output Flood



- Domestic floodlight suitable for residential applications
- Die cast aluminium housing
- Supplied with fixing bracket
- Pre-wired with 0.75 metre HO5RN-F cable

| Cat No. | Lumens | Wattage | Lim/cW | LxHxD |
|------------|--------|---------|--------|--------------|
| EFLD100B40 | 8000 | 100W | 75 | 337x290x42mm |
| EFLD150B40 | 11250 | 150W | 75 | 337x281x53mm |
| EFLD200B40 | 15000 | 200W | 75 | 362x304x59mm |



DOGS TRUST – CARDIFF

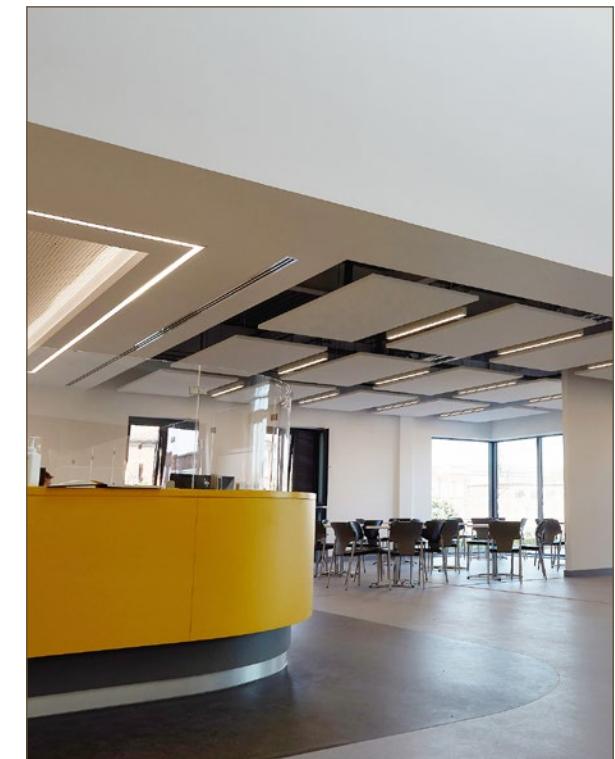
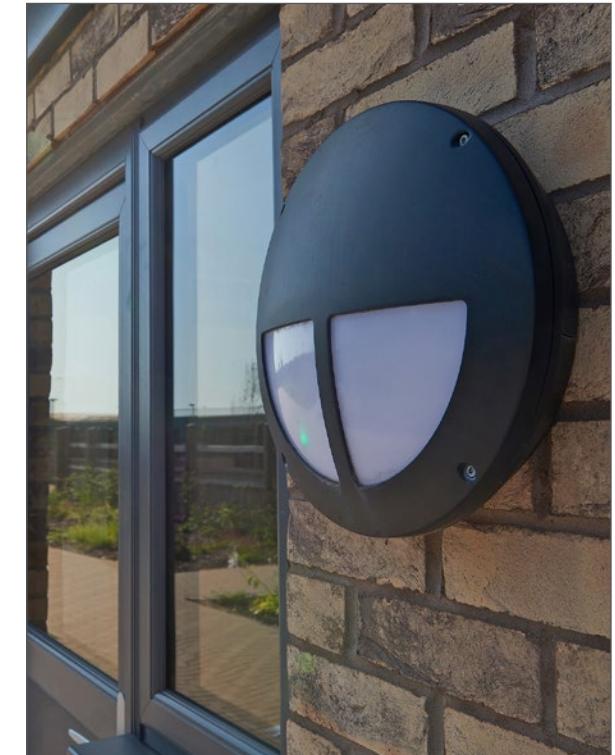
The Dogs Trust has recently opened a brand new rehoming centre located just a couple of miles from Cardiff Bay. The charity's 22nd rehoming centre has been devised with man's best friend's welfare at the forefront of its design including the LED lighting solutions supplied by Luceco. The £13.5m project has created a canine oasis with three buildings and landscaped outside space for up to 210 dogs.

The new extensive facilities include 78 light and airy "sleep & run" kennels with underfloor heating, lit with Platinum Mini Downlighters, a recessed luminaire offering an efficacy up to 117 Llm/cW, with a unique swing tab design for quick and easy installation.

Circulation areas were lit with linear arrays of the Contour luminaire. The LED lighting system consists of connectable modules that can be surface mounted, suspended or recessed as at the Dogs Trust in Cardiff forming contemporary, decorative, and highly effective illumination. Contour offers over 100,000 hours operational life, making the luminaire ideal for environments with high working hours.

Outside, Guardian Pro flood lights were used for the exercise paddocks and runs and IP65 rated 'Atlas' bulkheads were installed around the exterior of the building with 'Deco' bollards lighting landscaped gardens and pathways. The perimeter roads and parking facilities were lit with 'Viva City Pro', a modular, slimline, performance LED street lantern offering a choice of optics and an operational working life of 100,000 hours.

The Dogs Trust goes to huge lengths to help abandoned dogs and rehabilitate those dogs in need of a little extra help, and the Cardiff Rehoming Centre will be no different. With dedicated Training and Behaviour Advisors, dogs of all shapes and sizes will be offered all the help they need to find a new home – creating many bright and well-lit Happy Dog Tales!



Kingfisher Lighting

Distinctive products, outstanding service.

Illuminating exterior lighting collection offering quality output and a durable design, perfect to enhance any lighting scheme.

Visit kingfisherlighting.com for more.



VIVA-CITY PRO
208

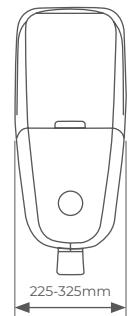
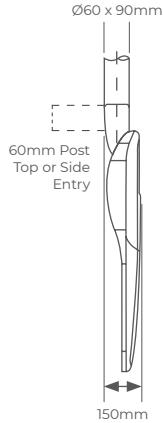
DECO 2.0
210

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SEMITA Urban
214



VIVA-CITY PRO



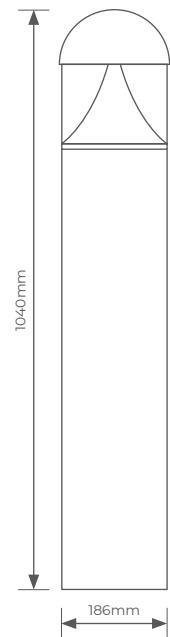
- A slimline performance street lantern with improved efficacy and output
- Die-cast aluminium housing with a luminaire efficacy up to 150Llm/cW
- Available with a choice of optics with asymmetrical distribution including an area optic
- Post Top/side entry 60/76mm

| Cat No. | Driver | Optic | Lumens | Wattage | Efficacy Llm/cW |
|-----------------------|-----------|--|--------|---------|-----------------|
| VCYP-FW70-4.4-10D | Standard | | 1,149 | 10 | 115 |
| VCYP-FW70-4.4-10DPEC | Photocell | | 1,149 | 10 | 115 |
| VCYP-FW70-4.8-20D | Standard | | 2,655 | 20 | 133 |
| VCYP-FW70-4.8-20DPEC | Photocell | | 2,655 | 20 | 133 |
| VCYP-FW70-4.10-40D | Standard | | 5,532 | 40 | 138 |
| VCYP-FW70-4.10-40DPEC | Photocell | | 5,532 | 40 | 138 |
| VCYP-FW70-4.6-60D | Standard | Asymmetrical Forward Throw Optic - 70° | 8,760 | 60 | 146 |
| VCYP-FW70-4.6-60DPEC | Photocell | | 8,760 | 60 | 146 |
| VCYP-FW70-4.8-80D | Standard | | 11,040 | 80 | 138 |
| VCYP-FW70-4.8-80DPEC | Photocell | | 11,040 | 80 | 138 |
| VCYP-FW70-4.6-120D | Standard | | 17,760 | 120 | 148 |
| VCYP-FW70-4.6-120DPEC | Photocell | | 17,760 | 120 | 148 |
| VCYP-FW70-4.9-180D | Standard | | 24,660 | 180 | 137 |
| VCYP-FW70-4.9-180DPEC | Photocell | | 24,660 | 180 | 137 |





DECO 2.0



- A robust bollard with a classic look perfect for public areas, pathways and car parks
- With an on-site adjustable output for greater control
- Using carefully engineered reflector cone, DECO 2.0 produces a low glare output with excellent symmetrical distribution
- Easily installed using the flange plate or bolt on root option
- Available in emergency and photocell options

| Cat No. | Driver | Optic | Lumens | Wattage | Efficacy Llm/cW |
|-------------|---------------------|--|----------|---------|-----------------|
| DEC715 | Standard | | 700/1500 | 7.5/15W | 93/100 |
| DEC715EM | Emergency | | 700/1500 | 7.5/15W | 93/100 |
| DEC715PEC | Photocell | Asymmetrical Forward Throw Optic - 70° | 700/1500 | 7.5/15W | 93/100 |
| DEC715EMPEC | Emergency Photocell | | 700/1500 | 7.5/15W | 93/100 |

| Cat No. | Description |
|-------------|---------------------------|
| B/Root | Root mount kit |
| DECHELGS180 | 180° Glare cut off shield |

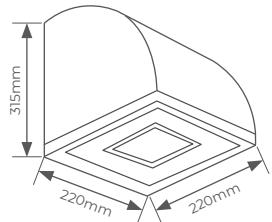




QUARTO 2.0



- A stylish, modern wallpack suitable for perimeter lighting and building entranceways
- Bespoke optical packaging include flood, pathway and street options
- Die-cast aluminium body with a marine grade finish
- Available in Available in emergency and photocell options



| Cat No. | Driver | Optic | Lumens | Wattage | Efficacy Llm/cW |
|---------------|---------------------|--------------------|--------|---------|-----------------|
| QUAFL08F | Standard | Flood Optic FL | 840 | 7.5 | 112 |
| QUAFL08FPEC | Photocell | | 840 | 7.5 | 112 |
| QUAFL08FEM | Emergency | | 840 | 7.5 | 112 |
| QUAFL08FEMPEC | Emergency Photocell | | 840 | 7.5 | 112 |
| QUAFL15F | Standard | Path Optic OC | 1,720 | 14.2 | 121 |
| QUAFL15FPEC | Photocell | | 1,720 | 14.2 | 121 |
| QUAFL15FEM | Emergency | | 1,720 | 14.2 | 121 |
| QUAFL15FEMPEC | Emergency Photocell | | 1,720 | 14.2 | 121 |
| QUAOC08F | Standard | Street Optic ST | 820 | 7.5 | 109 |
| QUAOC08FPEC | Photocell | | 820 | 7.5 | 109 |
| QUAOC08FEM | Emergency | | 820 | 7.5 | 109 |
| QUAOC08FEMPEC | Emergency Photocell | | 820 | 7.5 | 109 |
| QUAOC15F | Standard | Street Optic ST | 1,675 | 14.2 | 118 |
| QUAOC15FPEC | Photocell | | 1,675 | 14.2 | 118 |
| QUAOC15FEM | Emergency | | 1,675 | 14.2 | 118 |
| QUAOC15FEMPEC | Emergency Photocell | | 1,675 | 14.2 | 118 |
| QUAST08F | Standard | Street Optic ST | 790 | 7.5 | 105 |
| QUAST08FPEC | Photocell | | 790 | 7.5 | 105 |
| QUAST08FEM | Emergency | | 790 | 7.5 | 105 |
| QUAST08FEMPEC | Emergency Photocell | | 790 | 7.5 | 105 |
| QUAST15F | Standard | Street Optic ST | 1,620 | 14.2 | 114 |
| QUAST15FPEC | Photocell | | 1,620 | 14.2 | 114 |
| QUAST15FEM | Emergency | | 1,620 | 14.2 | 114 |
| QUAST15FEMPEC | Emergency Photocell | | 1,620 | 14.2 | 114 |

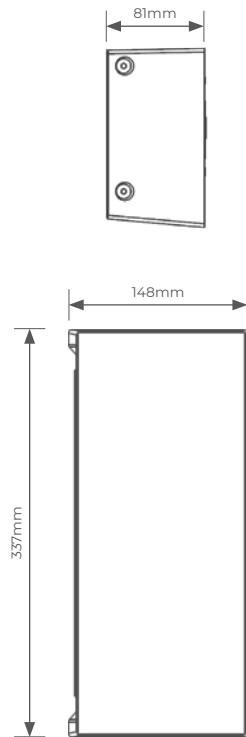




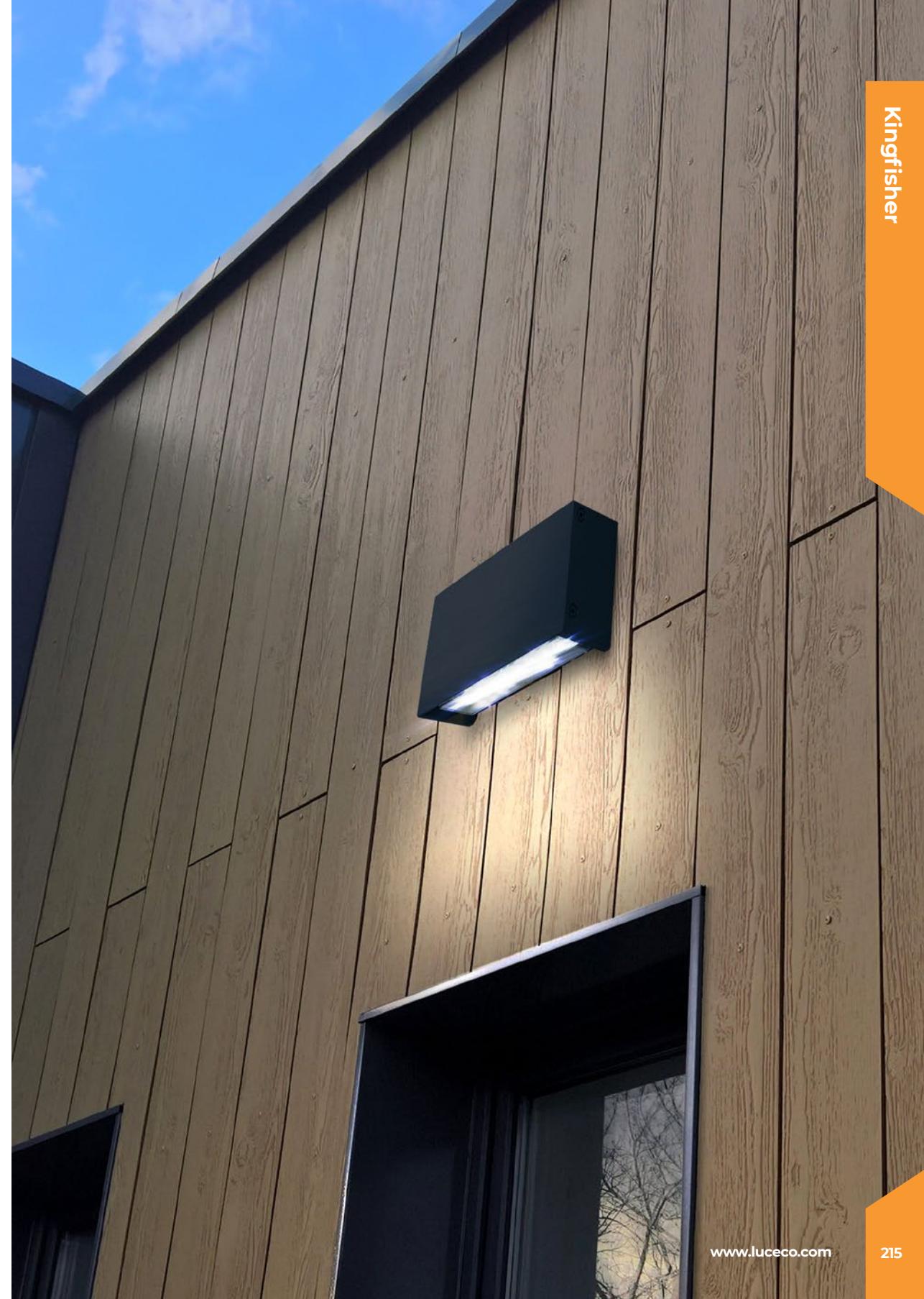
SEMITA Urban



- The SEMITA Urban is a sleek and contemporary wallpack ideal for building perimeters and highlight entranceways
- Choose from flood, pathway or street optical packages to achieve the perfect illumination
- With an efficacy of up to 146.0 lm/W in 4000K or 2700K
- Available in emergency and photocell options



| Cat No. | Driver | Lumens | Wattage | Efficacy lm/cW |
|--|---------------------|--------|---------|-------------------|
| Asymmetrical Street Optic ST | | | | |
| SEMUST08D | Standard | 783 | 6W | 131 |
| SEMUST08DEM | Emergency | 783 | 6W | 131 |
| SEMUST08DEMPEC | Emergency Photocell | 783 | 6W | 131 |
| SEMUST08DPEC | Photocell | 783 | 6W | 131 |
| SEMUST15D | Standard | 1496 | 11W | 136 |
| SEMUST15DEM | Emergency | 1496 | 11W | 136 |
| SEMUST15DEMPEC | Emergency Photocell | 1496 | 11W | 136 |
| SEMUST15DPEC | Photocell | 1496 | 11W | 136 |
| Asymmetrical Flood Light Optic (FL) | | | | |
| SEMUFL08D | Standard | 812 | 6W | 135 |
| SEMUFL08DEM | Emergency | 812 | 6W | 135 |
| SEMUFL08DEMPEC | Emergency Photocell | 812 | 6W | 135 |
| SEMUFL08DPEC | Photocell | 812 | 6W | 135 |
| SEMUFL15D | Photocell | 1611 | 11W | 146 |
| SEMUFL15DEM | Standard | 1611 | 11W | 146 |
| SEMUFL15DEMPEC | Emergency | 1611 | 11W | 146 |
| SEMUFL15DPEC | Photocell | 1611 | 11W | 146 |



MULLER EXPANSION PROJECT – TELFORD

Muller has recently completed an extensive expansion project building a chilled produce manufacturing facility in Telford. The project has doubled the size of Muller's current Telford site with three new state-of-the-art production lines, energy efficient cooling facilities and automated warehouse.

Luceco LED luminaires were installed in many areas including the cooling tunnel, dispatch, goods in and general plant areas, the installation work carried out by Lorne Stewart Engineering based in Birmingham. In many cases, the luminaires were required to be IP65 rated, robust and capable of DALI dimming with connection to a central battery system.

Ceres HighBay luminaires were selected for the principal production areas. IP65 rated, Ceres benefits from a computer designed die-cast aluminium housing with vortex cooling for maximum LED chip performance and provides over 70,000 hours of operational life and a luminaire efficacy up to of 147 Llm/cW. Available with on/off presence detection options, often a requirement in commercial and industrial applications, Ceres offers 60, 90 and 120-degree lens variations.

Platinum Mini Downlighters lit non industrial spaces such as corridors, circulation areas and staff rooms and features easy fit positive locating swing out tabs for quick installation. Platinum Mini and Ceres are both ideal for use with sensors and wireless lighting controls including Platform and Elevate from Luceco to assist with presence and daylight detection, energy monitoring and reporting.

Kingfisher Lighting, part of the Luceco plc group, also supplied luminaires for this project. Italo LED lanterns were wall mounted and used to illuminate transportation docks as well as column mounted to light the access route into the plant. The Italo range offers high performance functionality, versatility and a wide variety of optics providing an energy efficient LED lighting solution suitable for many amenity and street applications.





Inspection & Work Lights

Luceco's range of new LED Inspection Lights offers tradesmen, installers and quality inspectors a durable LED work light suitable for any work place.

If you want additional temporary and portable lighting options, from mains powered tripods and work lights, to rechargeable torches, clamps and magnetic options, our Inspection and Work Light Range has something for everyone.

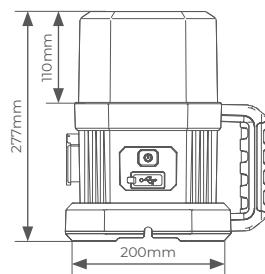




Power socket



Inbuilt cable storage and hanging hook



66W Herculous Open Area Work Light with 13A Power Socket



- 2 working light modes
- USB-A and USB-C socket entry
- UK Socket input for on-site power extension
- Storable 3m HO7RN-F 3G 1.5mm cable with UK plug
- Easy grip carry handle and hanging hook

| Cat No. | Lumens | Wattage | Lifespan |
|--------------|--------|---------|-------------|
| LWHOA70G65UK | 7150 | 66W | 20000 hours |

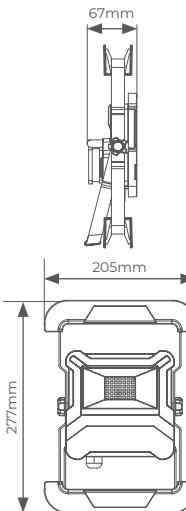




IP54 rated socket



High efficiency LED chips



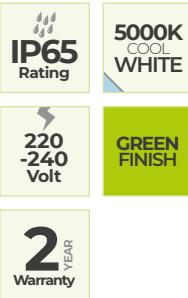
30W Foldable Compact Work Light with 13A Power Socket



- LED work light with foldable stand and cable storage
- IP54 with UK socket
- Material: aluminium body & plastic frame
- Beam angle: 110°
- Separate On/Off socket and light switch
- With 1.5m H05RN-F 3G1.5mm² cable and plug

| Cat No. | Lumens | Wattage | Lifespan |
|--------------|--------|---------|-------------|
| EFLDS30B50UK | 2400 | 30W | 25000 hours |





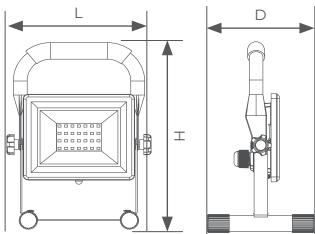
Eco Portable Work Light



Weatherproof power switch



Multiple tilting configurations



- IP65 Rated for extreme environments
- Easy access to weatherproof power switch
- Aluminium lightweight adjustable work light
- Tough 1.5 metre rubber H05RN-F cable

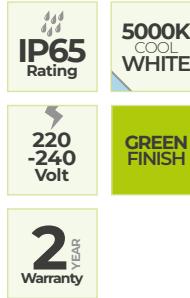
| Cat No. | Lumens | Wattage | Sizes LxDxH |
|---------------|--------|---------|---------------|
| EFLDW10B50 | 800 | 10W | 150x113x210mm |
| EFLDW30B50-05 | 2400 | 30W | 183x123x228 |

Eco Tripod Work Light



- IP65 rated for extreme environments
- Individual weatherproof power switch, turn lights off independently
- Lightweight adjustable steel tripod with multi fixing leg position
- Tough 3 metre rubber H05RN-F cable

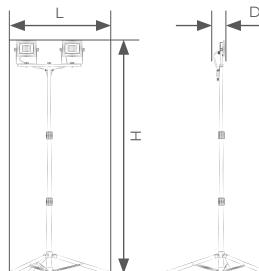
| Cat No. | Lumens | Wattage | Sizes LxDxH |
|-------------|--------|---------|----------------|
| EFLDTT20B50 | 2x1600 | 2x20W | 870x54x1671mm |
| EFLDTT50B50 | 2x5000 | 2x50W | 1100x52x1723mm |



Weatherproof power switch

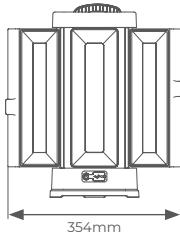
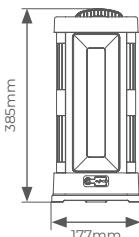


Fully adjustable LED heads





Versatile professional use



50W LED Rechargeable 360° Open Area Tripanel Work Light



- 2 side panels foldable and rotatable
- Hidden handle extendable
- Type-C charging socket
- Can be mounted on the tripod
- 3 lighting modes:
 - Low 1 panel 1200lm @ 4hrs
 - Mid 2 panels 2000lm @ 1.5hrs
 - High All 3 panels 4000lm @ 1hr
- Battery: 7.4V / 4400mAh, 18650

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|--------|---------|--------------|---------------------|
| LILA400S65 | 4000 | 50W | 1-4 hours | 8 hours |

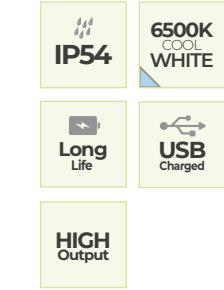
25W LED Twin Panel Folding Work Light with Magnetic Clamp and Power Bank



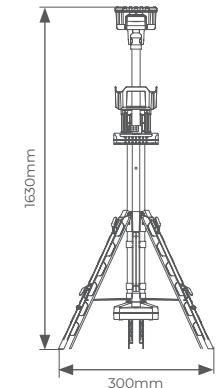
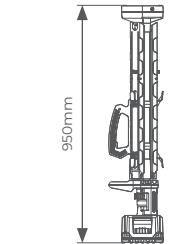
- Inbuilt USB power bank output 5V 1A max
- Fully rotating and tilting head
- Strong magnets base and clamp to attach to everything
- High Capacity Battery: 3.7V / 6000mAh
- 4 lighting modes up to 2500lm

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|--------|---------|--------------|---------------------|
| LILC250G65 | 2500 | 25W | 50min | 8-9 hours |





Fully collapsible telescopic tripod – compact storage and easy to carry



20W LED Rechargeable Telescopic Tripod Work Light

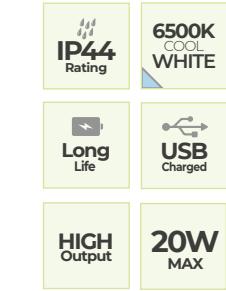
NEW PRODUCT



- Fully collapsible telescopic tripod – compact storage
- Quick setup folding design – easy to carry
- Type-C charging socket
- 3 lighting modes:
 - Low 520lm @ 3hr 40min
 - Mid 1000lm @ 1hr 50mins
 - High 2000lm @ 1hr
- Size of folded: 950mm / Size of expanded: 1.6m
- Battery: 3.7V / 4000mAh, 18650

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-------------|--------|---------|--------------|---------------------|
| LILTP200S65 | 2000 | 20W | 1-3.5 hours | 8 hours |

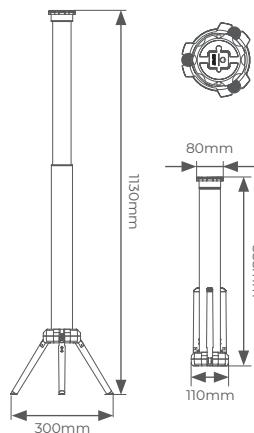




Versatile professional use



Versatile personal use



20W LED Rechargeable 360° Open Area Light Tube Work Light



- Telescopic light tube - 360° light output
- Foldaway hanging hook and legs for compact storage
- USB Type-C charging cable supplied
- IP44 rated
- 3 lighting modes:
 - Low 330lm @ 7hrs,
 - Mid 650lm @ 3.5hrs,
 - High 1500lm @ 1hr 40mins
- Battery: 3.7V / 6000 mAh, 18650

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|--------|---------|--------------|---------------------|
| LILA150S65 | 1500 | 20W | 1.5-7 hours | 8 hours |

LED Rechargeable Inspection Torch with Flexible Hose



- High quality LED Chip – 6500K
- Durable 2m drop resistance body: IK rating IK08
- 300mm Flexible hose design provides 360° rotation and easy access for narrow and difficult to reach spaces
- Strong magnetic base for handsfree attachment & 360° foldaway hanging hook
- High quality battery Li-ion 2500mAh

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|---------------|--------|---------|--------------|---------------------|
| LILFLEX100G65 | 1000 | 10W | 1.5 hours | 3-5 hours |





Strong magnets



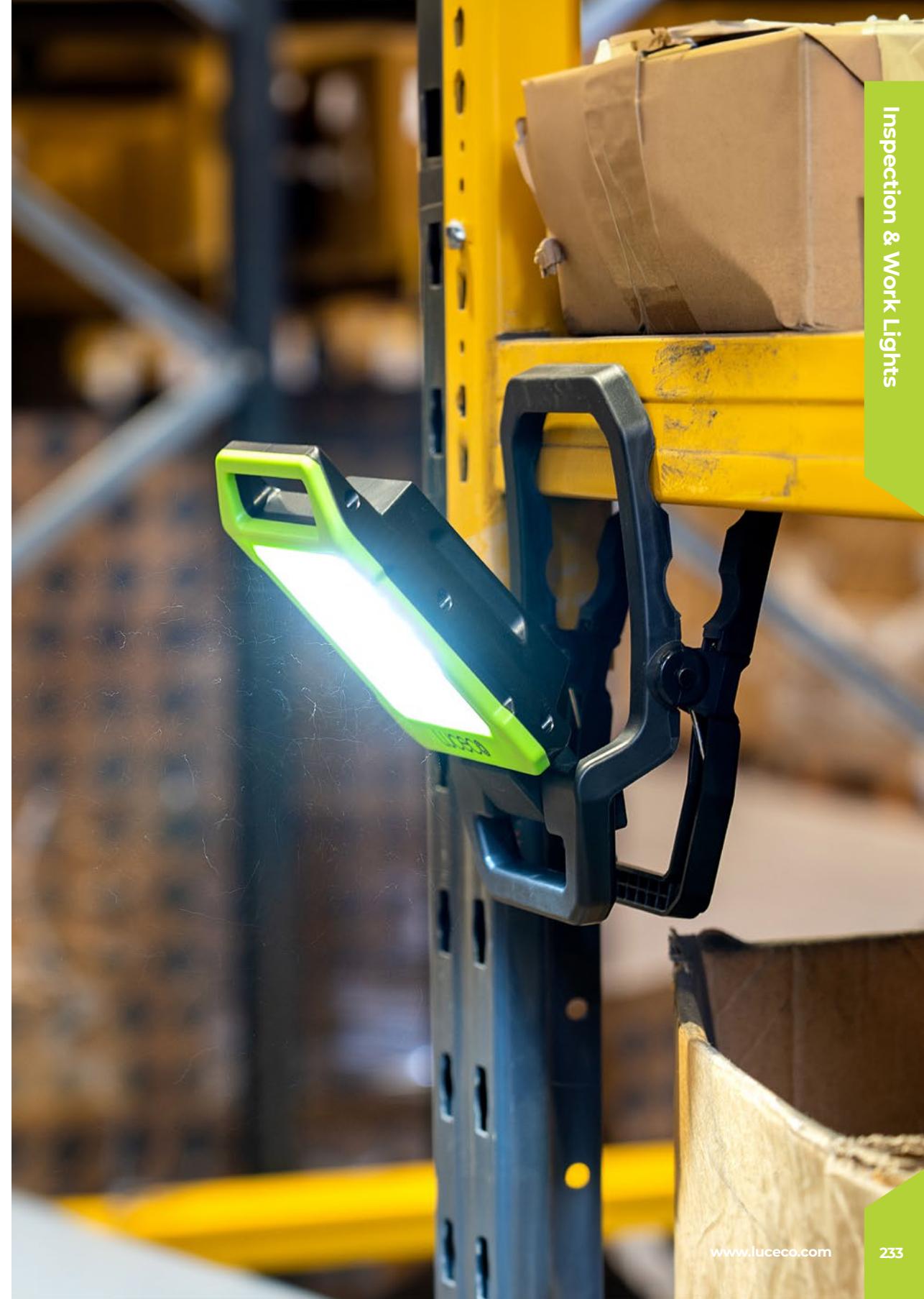
Clamp and carry handle

10W USB Folding Clamp Rechargeable Work Light with Power Bank



- Stand and carry handle
- Multiple stand positions
- Toughened IK07 ABS constructed body
- 1m USB charge cable
- 4400mAh inbuilt power bank

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-----------|--------|---------|------------------|---------------------|
| LILC10G65 | 1000 | 10W | 2.5 hours on max | 6 hours |





Versatile professional use



Versatile every-day use

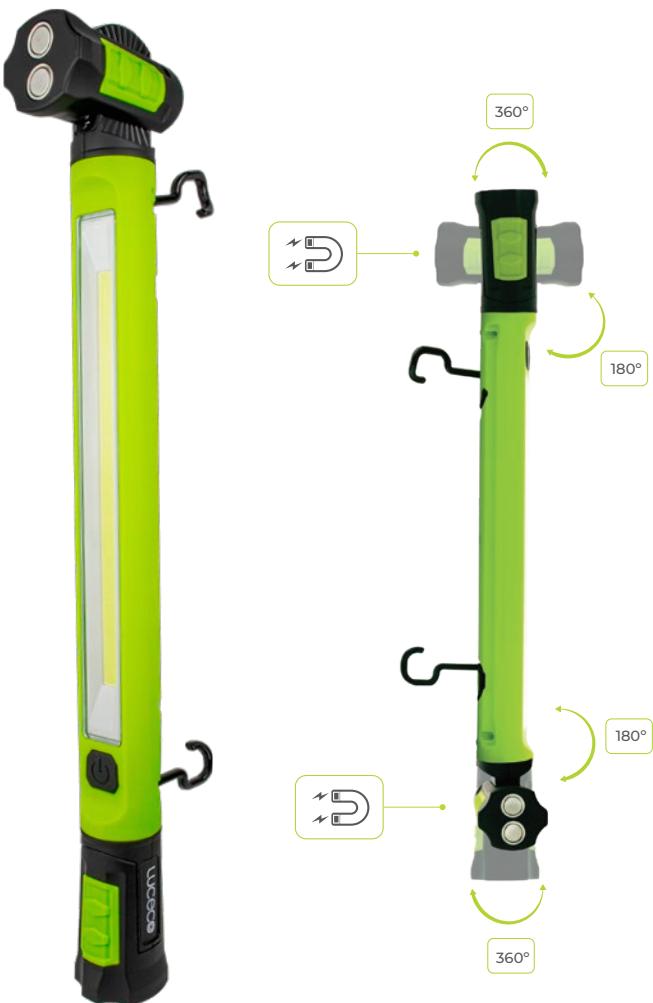
10W USB Folding Magnetic Rechargeable Work Light with Power Bank



- Portable work light with magnetic function, stand and carry handle
- Robust polycarbonate construction for increased durability
- Supplied with charging adaptor and USB cable
- Variable light output and flashing mode
- 180° Vertical Adjustment

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-----------|--------|---------|------------------|---------------------|
| LILM13G65 | 1300 | 10W | 1.5 hours on max | 5-6 hours |

10W USB-C Rechargeable High Output Inspection Torch

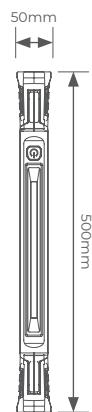


- Multi fixing – 360 degree folding hook and tilting magnetic base
- 2 working light modes and red flashing beacon
- Durable hard wearing housing
- Supplied with USB-C cable

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|--------------|--------|---------|------------------|------------------------|
| LILW100U65UC | 1000 | 10W | 2.5 hours on Max | Up to 5 hours charging |



Strong magnetic base





6W LED Magnetic Clamp Fan Light with Power Bank

**NEW
PRODUCT**



- Durable hard wearing housing
- Inbuilt 4000mAh power bank
- Big clamp with strong magnet base
- Mode of fan: Slow / Middle / Fast / Nature / OFF
- Run time: 10hrs / 5hrs / 2.5hrs / 4hrs
- Mode of light: Low bright / High bright / OFF
- Run time: 10hrs / 5hrs
- Supplied with USB C charging cable
- Light head 360° vertical and 360° horizontal rotatable

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|--------|---------|-------------------------------|---------------------|
| LILFL25G65 | 250 | 6W | Fan 2.5 hours / Light 5 hours | 5-6 hours |





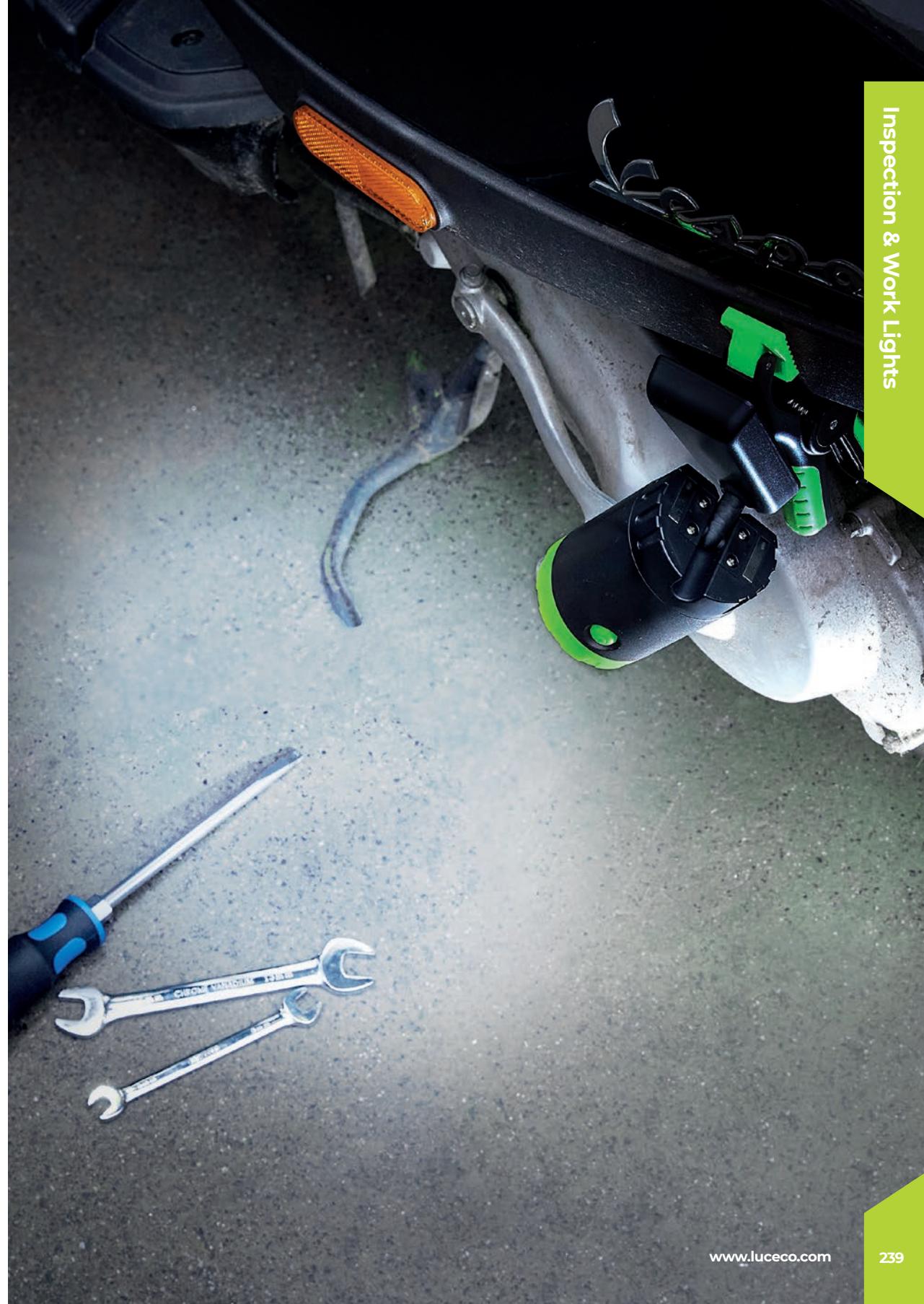
5W LED Rechargeable Mini Work Light with Magnetic Clamp

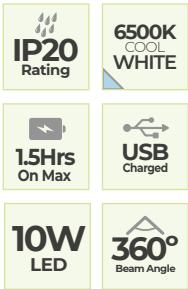
NEW PRODUCT



- Clamp with magnetic base rotatable
- 3 Working light modes including red warning light
- IP44 waterproof for the work lights
- Durable hard wearing housing
- Supplied with USB C charging cable

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-----------|--------|---------|----------------|---------------------|
| LILC50G65 | 500 | 5W | Approx. 1 hour | 2-3 hours |

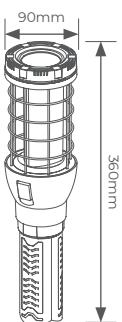




USB charging cable folds into leg for easy storage



Suspension hook folds out from leg for convenience



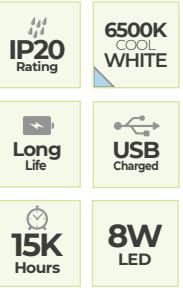
10W USB Multifunctional Rechargeable Cage Work Light



- 360° hand-held lamp with tripod
- Metal cage protection net around the lamp
- 2 light modes – 600lm main light & 130lm top torch
- Including hook, hidden in tripod leg
- Battery: 3.7V 4000mAh 18650 Li-ion rechargeable battery
- Working time: 1.5 hour for main light on max output, 5 hours for torch light
- With USB input 5V 1A max
- Including 60cm USB cable, stored in tripod

| Cat No. | Lumens | Battery Life | Battery Charge Time |
|------------|--------|--------------|---------------------|
| LILTP60S65 | 600 | 1.5-5 hours | 3.5 hours |





8W LED High Power Spot Light with Fold-out Stand

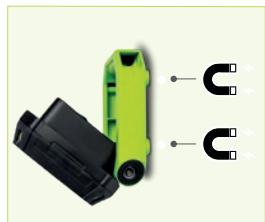
**NEW
PRODUCT**



- Focused long distance spot or wide area light modes
- Durable ABS and Rubber material
- Fold out stand for focused floor mounting
- High Capacity Battery: 3.7V / 2400mAh
- 9 lighting modes:
 - High, Low, Flash in Spot, Wide and all LED's
 - COB+LED 850lm – 270lm
 - COB 600lm-180lm – LED280lm-90lm
- Compact folding for easy storage
- Hidden foldaway carry handle
- USB Type-C Cable 60cm included
- Can be mounted on tripod

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|--------|---------|--------------|---------------------|
| LILSP60G65 | 600 | 8W | 1-8 hours | 3-4 hours |

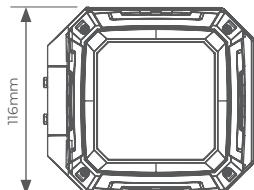
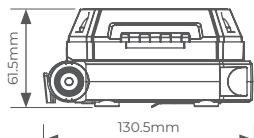




Versatile for camping



Versatile for outdoor pursuits



7.5W USB Rechargeable Compact Magnetic Work Light



TOUGHENED IK07 ABS CONSTRUCTED BODY

WEATHERPROOF SEALED TO A IP54 RATING

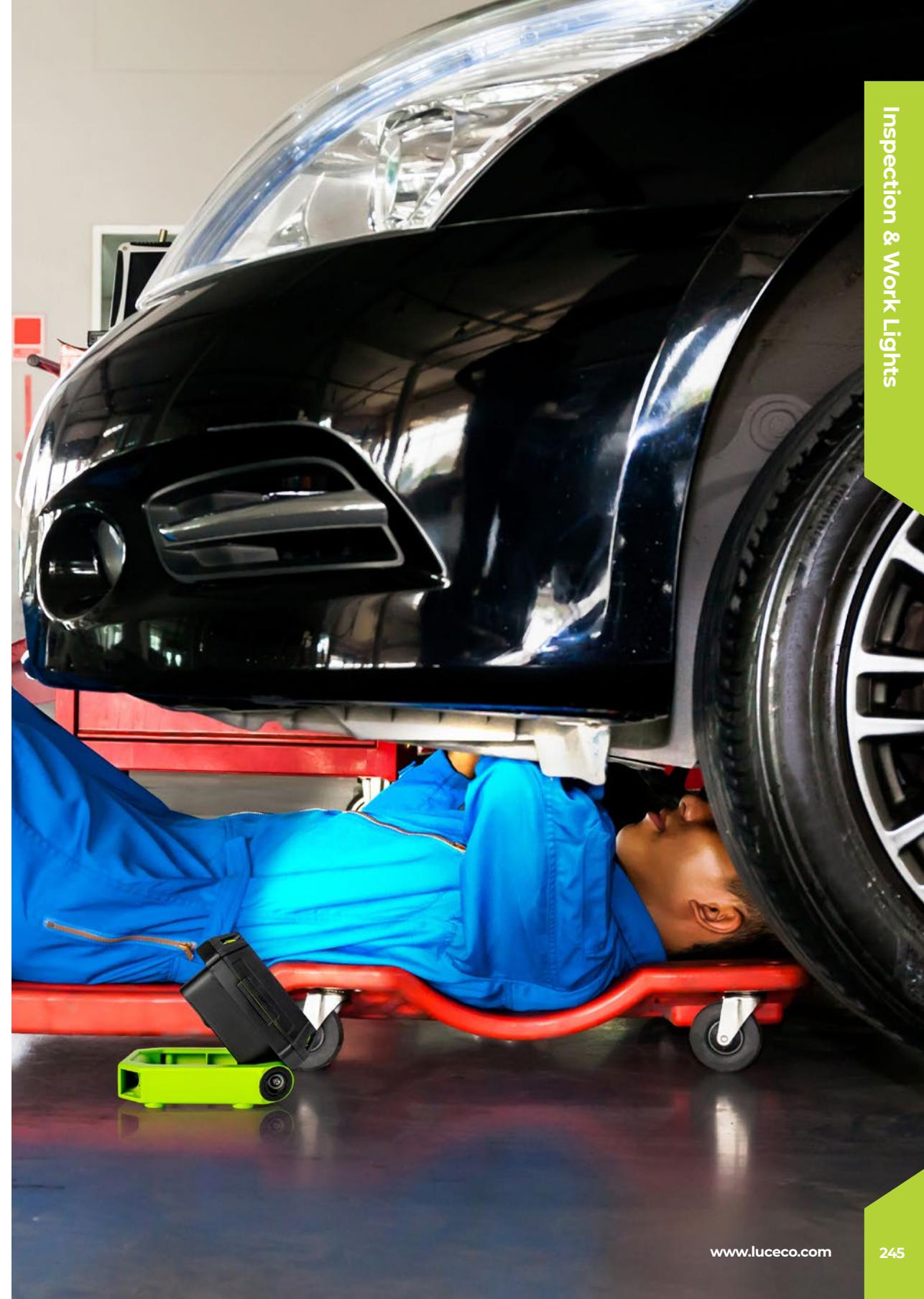
2 MODE WEATHERPROOF POWER SWITCH

RUBBER TRIM FOR ADDED PROTECTION

CHARGING INDICATOR:
RED = DISCHARGE
RED FLASH = LOW BATTERY
GREEN FLASH = CHARGING

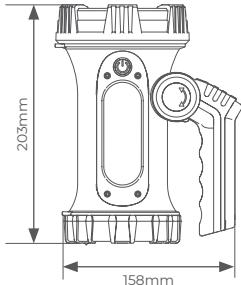
- Compact design with stand/carry handle, hook and magnetic function
- USB charging port and charging indicator
- High and low power modes
- 2 mode Weatherproof power switch
- Toughened IK07 ABS constructed body with rubber trim for added protection

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|---------|--------|---------|--------------|---------------------|
| LWR7G65 | 750 | 7.5W | 3/10 Hours | 3 Hours |





Versatile professional and personal use



5W LED Rechargeable Multi-function Tilt Tripod Torch with Power Bank

NEW PRODUCT



- 3 lighting modes including Red Warning
- Fully adjustable handle with fold out tripod legs
- USB Type-C charging cable supplied
- Power bank function
- IP44 rated for external use
- 3 lighting modes: 300lm / 150lm / Red
- Working time: 2 hours on max output
- Battery: 3.7V/2400mAh 18650

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|--------|---------|--------------|---------------------|
| LILTP33S65 | 330 | 5W | 2 Hours | 4 hours |

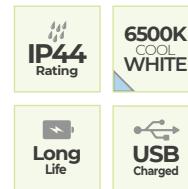
LED Rechargeable Multi-Focus Hand Torch

NEW PRODUCT



- High quality LED Chip – 6500K
- Durable die-cast aluminium body
- Tactical grip with helpful pocket clip
- Adjustable head for short and long distance focus beam control
- 3 light modes: 100%, 50%, 25%
- High quality 18650 Li-ion battery for long life
- Built-in USB-C charging port
- Circuit Protection prevents battery from over-charging or discharging
- Fast 1A USB-C charging: USB-C charging cable included

| Cat No. | Lumens | Wattage | Battery life on max output |
|-------------|--------------------|---------|--|
| LILHT40B65 | 400 210 110 | 4W | 100%: 1hr 40mins 50%: 3hrs 20min 25%: 6hrs |
| LILHT60B65 | 600 300 150 | 6W | 100% 1hr 30mins 50%: 3hrs 25%: 5hrs 30mins |
| LILHT100B65 | 1000 475 275 | 9W | 100%: 1hr 50%: 2hrs 25%: 3hrs 30min |

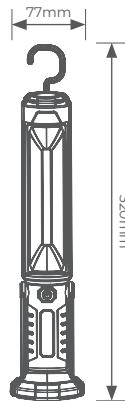




Hook mounting and LED Torch



Versatile for camping, professional or automotive

**5W USB Rechargeable Tilt Torch with Power Bank**

- Multi fixing – 360 degree folding hook and tilting magnetic base
- Red flashing beacon
- Durable hard wearing housing
- Inbuilt 2000mAh USB powerbank for charging devices
- Supplied with USB charging cable

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-----------|--------|---------|------------------|--------------------------|
| LILT45T65 | 450 | 5W | 2 hours (On Max) | Up to 3.5 hours charging |

3.5W Slim Foldable Torch with UV & Power Bank

- USB Power bank
- 4 light output modes including UV light
- 180° rotating for easy storage
- Strong magnetic base for hands free operation
- Retractable metal hanging hook
- USB Type-C charging cable supplied
- IK07 impact rating
- 2.5hrs Battery life on Max output
- 500lm, 200lm and 150lm light output modes

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|--------|---------|--------------|---------------------|
| LILT50UV65 | 500 | 3.5W | 2.5-13 hours | 2.5 hours |

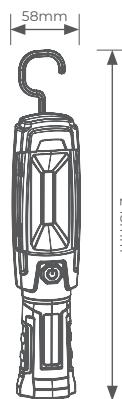


UV light for leak detection





LED Torch



3W USB Rechargeable Swivel Torch with Power Bank



- Single source light source prevents multi shadowing – ideal for professionals
- Inbuilt 2000 mAh USB power bank for charging devices
- 2 working light modes
- Durable hard wearing housing
- Multi fixing – 360° folding hook
- 360° rotate and tilt magnetic base
- Supplied with USB charging cable

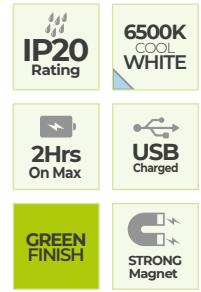
| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-----------|--------|---------|------------------|------------------------|
| LILT30R65 | 300 | 3W | 3 hours (On Max) | Up to 3 hours charging |

1.5W USB Rechargeable Mini Tilt Torch

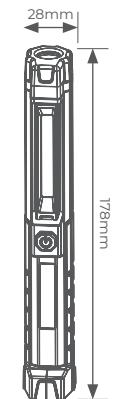


- Single source light source prevents multi shadowing – ideal for professionals
- USB Rechargeable Tilt Torch
- 2 working light modes
- Durable hard wearing housing
- Multi fixing – 180° tilting magnetic base
- Supplied with USB charging cable

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-----------|--------|---------|------------------|------------------------|
| LILT15T65 | 150 | 1.5W | 2 hours (On Max) | Up to 2 hours charging |



LED Torch





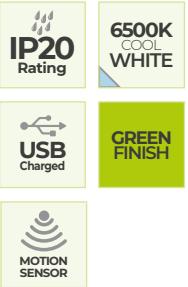
5W USB Flexible Torch with Motion Sensor



- Switch or PIR motion sensing on/off function for hands free operation
- Wide light beam angle
- Type-C USB rechargeable – 1200mA battery
- Durable & Lightweight
- Working time: 3-6 hours
- Charging time: 3.5 hours

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|------------|-----------|---------|--------------|---------------------|
| LILHF35P65 | 350+150lm | 5W | 3-6 hours | 3.5 hours |





Versatile for camping



Versatile for outdoor pursuits

3W USB Inspection Head Torch with Motion Sensor



- USB rechargeable
- Durable & lightweight
- Switch or PIR motion sensing on/off function for hands free operation
- Adjustable up to 60° for multiple applications
- 5 lighting settings – 100%, 50%, Flash, Red Light, Red Flash

| Cat No. | Lumens | Wattage | Battery Life | Battery Charge Time |
|-----------|--------|---------|--------------|---------------------|
| LILH15P65 | 150 | 3W | 3-20 hours | 2.5 hours |





110V – Site Lighting and Power

Designed specifically to work on temporary construction sites. The range in a familiar yellow paint finish is built for rough service environments, utilising the 110V centrally tapped earth for increased safety.

Built for the professional, Luceco has focused on delivering a tough robust product offering selected for the rugged nature of a typical construction site, with the main aim of keeping your working environment safe and well-lit.



110V Site Lighting



110V Climate Non-Corrosive **258**



110V Climate Non-Corrosive Pre-Wired **259**



110V Tripod Work Light **260**



110V Portable Work Light **262**



Open Area Work Light **264**



110V Plasterers Work Light **266**

110V Site Power



110V Portable Transformer **267**



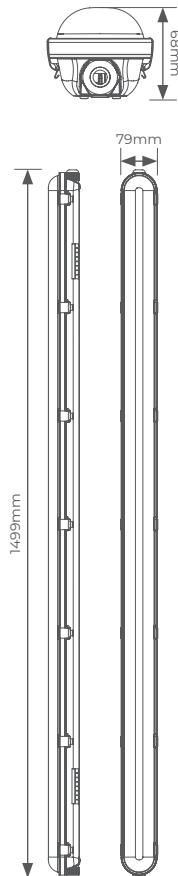
110V Extension Lead **268**



110V Cable Reels **269**



110V Climate Non-Corrosive



- 110V hard wired linear IP65 luminaire with speed fit installation
- Polycarbonate construction with opal diffuser
- Supplied with stainless steel clips
- 20mm conduit knockout

| Cat No. | Type | Lumens | Wattage |
|---------------|-----------|--------|---------|
| LSLCL1530W1V | Standard | 3000 | 25W |
| LSLCL1530EW1V | Emergency | 3000 | 25W |

110V Climate Non-Corrosive Pre-Wired

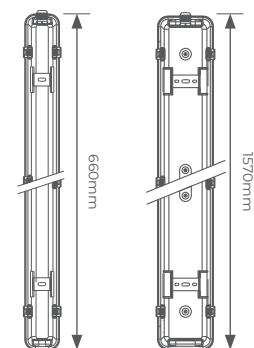
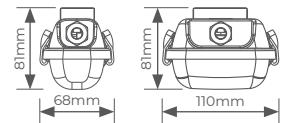


- 110V pre-wired connectable linear weatherproof luminaire
- Polycarbonate construction with opal diffuser and stainless steel clips
- Supplied with pre-wired 3 core rubber cables
- Supplied with 110V 16A plug and couplers to EN 60309

| Cat No. | Lumens | Wattage | Length |
|--------------|--------|---------|--------|
| LSLCL6019L1V | 1900 | 19W | 600mm |
| LSLCL1531L1V | 3100 | 31W | 1500mm |

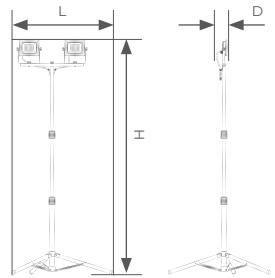


Plug and coupler





Weatherproof power switch



110V Tripod Work Light



- Robust aluminium tripod and LED heads
- Supplied with toughened glass for on-site applications
- Supplied with 3000mm 3 core rubber cable 110V 16A plug to EN 60309

| Cat No. | Type | Lumens | Wattage | Sizes LxDxH |
|-------------|-------------|--------|---------|----------------|
| LSLSTW181V | Single Head | 1800 | 22W | 960x54x1700mm |
| LSLTTW2181V | Twin Head | 2x1800 | 2x22W | 1200x54x1740mm |





Weatherproof power switch

110V Portable Work Light



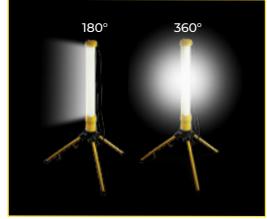
- Portable compact work light
- Aluminium constructed housing and toughened glass
- Supplied with 1800mm 3 core rubber cable
- Supplied with 110V 16A plug to EN 60309

| Cat No. | Lumens | Wattage |
|-----------|--------|---------|
| LSLPW181V | 1800 | 22W |





Weatherproof power switch

Distribution options,
easily changed on site

Open Area Work Light



- Work light complete with foldable legs and carry strap
- Offers 360 degree distribution for open areas or 180 degrees for direct lighting
- Supplied with 3000mm 3 core rubber cable
- Supplied with 110V 16A plug to EN 60309 or 230V UK plug

| Cat No. | Type | Lumens | Wattage |
|------------|------|--------|---------|
| LSLOAW361V | 110V | 3600 | 40W |
| LSLOAW362V | 230V | 3600 | 40W |



| | |
|-----------------|------------------|
| IP44 Rating | 6400K COOL WHITE |
| 110 Volt | YELLOW FINISH |
| 2 YEAR Warranty | |



Twin Outlet Socket



110V Plasterers Work Light



- Robust steel A-Frame stand and carry handle
- Luminaire body and diffuser constructed of polycarbonate
- 2x110V 16A outlet sockets
- Supplied with 3000mm 3 core rubber cable and 110V 16A plug to EN 60309

| Cat No. | Lumens | Wattage |
|----------|--------|---------|
| LSPL261V | 2600 | 30W |

110V Portable Transformer



- 1.5 metres of cable with 13A plug – convert the 240V supply to 110V
- Rated to 3,000VA – suitable for high drain uses
- Up to 1000W - suitable for use with power tools and site lights
- Two 16A 2P+E 110V IP44 Sockets – ideal when being used on sites with temporary power
- Tough and robust aluminium case – for demanding outdoor use
- Safety thermal cut-out – prevents overheating and can be reset if overloaded

| Cat No. | Rating | Sockets | Cable Length |
|-----------|--------|---------|--------------|
| LV3000VAT | 3.3kVA | 2 | 1.5m |

| | |
|-------------|---------|
| IP44 Rating | 3.3 kVA |
| 1.5m | |
| 2 Sockets | |



110V Extension Lead



- One 16A 110V IP44 socket – ideal when being used on sites with temporary power
- 15 metres of cable – to extend the reach of the socket
- Carry tidy – allows for easy transportation
- Highly visible yellow cable – ideal for site use

| Cat No. | Rating | Sockets | Cable Length |
|---------|--------|---------|--------------|
| LVIL15 | 16A | 1 | 15m |

110V Cable Reels



- Two 16A 110V IP44 sockets – ideal when being used on sites with temporary power
- 25, 30 or 50 metres of cable – to extend the reach of the socket
- Robust design – ideal for site, DIY and light commercial use
- Safety thermal cut-out – prevents overheating if reel is overloaded when not fully unwound
- Carry handle – allows for easy transportation
- Drum wind handle – making retracting the cable after use easy
- Power indicator – shows that your device is connected to the mains
- Highly visible yellow cable – ideal for site use
- Heavy duty metal drum – provides additional security for heavy duty tasks

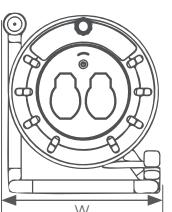
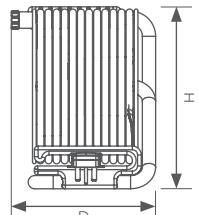
| Cat No. | Rating | Sockets | Cable Length | Sizes HxWxD |
|-------------|--------|---------|--------------|---------------|
| LVCT2516/2 | 16A | 2 | 25m | 271x248x222mm |
| LVCT5016/2 | 16A | 2 | 50m | 304x280x235mm |
| OTMU30162LV | 16A | 2 | 30m | 280x252x209mm |



Thermal cut-out



16A 110V IP44 2P+E Plug and Sockets





Lighting Controls

LED lighting will reduce your overall energy costs when compared with traditional technology, but if your lights are on when you do not need them to be you are still wasting energy. Adding lighting controls to your system is a great way to save on energy costs and reduce your carbon footprint.

Luceco offers a full range of lighting controls to suit any application.



Storm Photocell
272

Lineal PIR Sensor
274



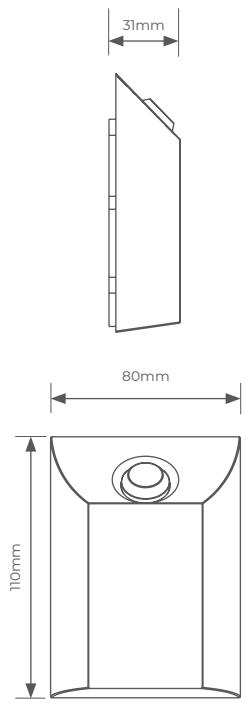
Dimming PIR Sensor
276



Switching PIR Sensor
277



Storm Photocell

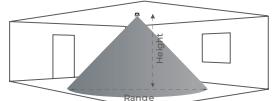


- Sleek domestic photocell with modern black appearance
- 15 lux on, 70 lux off light level setting
- Includes a 2 minute cloud time delay

| Cat No. | Max. LED Load | Max. Resistive Load |
|---------|---------------|---------------------|
| LSPC500 | 500W | 1000W |

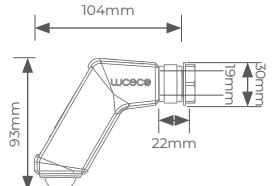


Lineal PIR Sensor



| Height | Range |
|--------|-----------|
| 3m | 7 Metres |
| 5m | 11 Metres |
| 10m | 14 Metres |

Detection pattern



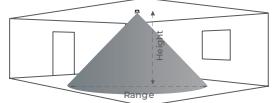
- In-line PIR detector designed for mounting on battens, non-corrosives or other products with 20mm entry
- Unique angled design to maximise detection sensitivity
- Polycarbonate housing supplied with 1 metre 3 core cable
- 10 metre max. recommended installation height
- Dip switch settings for sensitivity, time and photocell/dusk till dawn functions, infrared remote also available
- Supplied with adaptors to suit recessed gland entry

| Cat No. | Distance | Range |
|------------|---------------------------------------|-------------|
| LNPIRBIP65 | 7-14m | 360 Degrees |
| Accessory | Description | |
| LNPIRREM | Infrared Remote Control with Settings | |



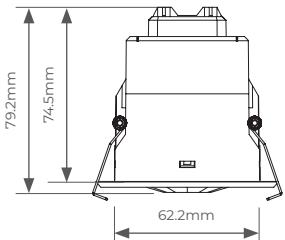


Dimming PIR Sensor



| Height | Range |
|--------|-----------|
| 3m | 10 Metres |
| 5m | 9 Metres |
| 6m | 8 Metres |

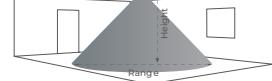
Detection pattern



- Daylight harvest function to regulate light output for maintaining required lux level
- DALI dimming control based upon occupancy
- Store settings in the remote for easy commissioning when programming multiple sensors
- Intelligent photocell – lights and sensors only operate when needed, natural light has priority
- Synchronisation terminal for grouping of sensors

| Cat No. | Distance | Range | Description | |
|--------------|----------|-------------|---------------------------------------|----------|
| | | | Accessories | LPCLRBOX |
| LPCMPIRDSI | 8-10m | 360 Degrees | | |
| LPCMHMPIRDSI | 8-10m | 360 Degrees | | |
| LPCLRBOX | | | Surface mount kit | |
| LPCLRBOXIP | | | IP54 surface mount kit | |
| LPCUHC | | | Infrared Remote Control with Settings | |

Switching PIR Sensor

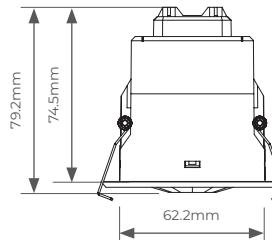


| Height | Range |
|--------|-----------|
| 3m | 10 Metres |
| 5m | 9 Metres |
| 6m | 8 Metres |

Detection pattern

- Zero crossing detection to reduce in-rush current and maximise relay life
- Store settings in the remote for easy commissioning when programming multiple sensors
- Intelligent photocell – lights and sensors only operate when needed, natural light has priority
- Surface mount kit available as accessory

| Cat No. | Distance | Range | Description | |
|------------|----------|-------------|---------------------------------------|----------|
| | | | Accessories | LPCLRBOX |
| LPCMPIRM | 8-10m | 360 Degrees | | |
| LPCMHMPIRM | 8-10m | 360 Degrees | | |
| LPCLRBOX | | | Surface mount kit | |
| LPCLRBOXIP | | | IP54 surface mount kit | |
| LPCUHC | | | Infrared Remote Control with Settings | |





Smart

Take control of your lighting and connected devices from anywhere with this comprehensive, cost-effective and ever-growing range of smart home lighting and electrical products. All set up and controlled through the BG Home app and voice-command devices such as Alexa, Hey Google and Siri.

Smart Lighting



Castra Security Floodlight **284**



GU10 Classic **285**



A60 Classic **286**



C35 Candle **287**

Smart Power



Switched Smart Socket **288**



Smart Adaptor **289**



Weatherproof Smart Socket **290**



3 Socket Smart Extension Lead **291**

A **smart** home solution that doesn't rely on expensive hubs ... **that's easy to install and compatible with all modern voice assistants.**

Your life connected, your life smarter!

A comprehensive, cost-effective and ever-growing range of smart home lighting and electrical products from BG and Luceco; all setup and controlled through the 'BG Home' mobile app and voice-command devices such as Alexa, Hey Google and Siri.

Devices are controlled via the 'BG Home' app, using voice, touch, or smartphone commands which can then be used to add additional smart devices. Remote IP – capable of communicating with your devices whilst you're away from home.

Compatible with Alexa, Hey Google and Siri Shortcuts. The range consists of electrical and lighting products for both interior and exterior home spaces including LED downlights, lamps, exterior floodlights, a weatherproof socket and a 3 socket extension lead completing a well-rounded smart home system.

Powered by the BG Home app



Compatible with:



Control your Lighting:



Mobile



Voice



Switch

Smart Lighting control features:



Set Colour and **Dimming** light level **16 million RGB colours** and full 2700-6500K white colour spectrum.



Delays allow for lights to automatically turn off after a desired period.



Create and edit **Lighting Effects** and scenes to customise your own Lighting environment to suit different moods.



HomeGlow mode allows users to **Set Timers** so devices can be set so your lights will turn on and off at specific times.



Set up and control **Groups** of multiple Luceco Lighting devices based on room layout and requirements.



HomeGuard Random mode turns lights on and off at random times to imitate home occupancy when you're away for added security.



Create Scenes using different BG and Luceco Smart devices.

intelligent smart meshing



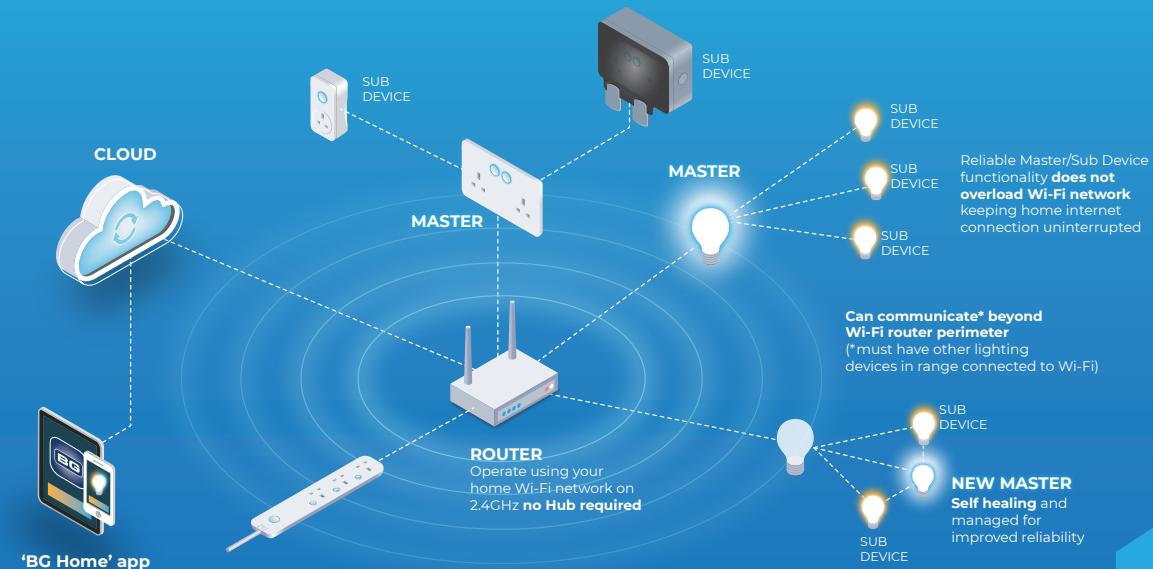
True intelligent smart meshing

- Reliable Master/Sub Device functionality **that prevents Wi-Fi network overload** and home internet connection interruption
- Operates using your home Wi-Fi network on 2.4GHz – **no Hub required**
- Self-healing and managed for improved reliability
- Communicates* beyond the Wi-Fi router perimeter** (*must have other lighting devices in range that are connected to a Wi-Fi signal)

Smart meshing Master/Sub Device

- First device set up becomes the Master
- When other lighting devices are powered ON, these will be auto discovered for set up
- Lighting devices will auto configure a network by themselves, deciding which becomes a Master and which a Sub Device
- If the Master is down (light switch is turned off) then one of the sub devices will be promoted to the Master and will keep the communication between the other Sub Devices

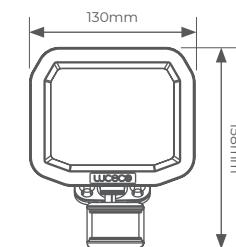
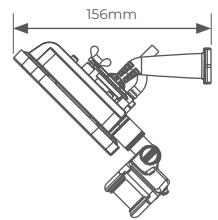
The BG and Luceco Smart range uses true '**intelligent smart meshing**', which links and optimises communication between lighting devices. This prevents overload of home routers, maintaining a stable internet connection.



| | |
|------------------|-------------------|
| 2.4 GHz | 120° Beam Angle |
| 20W - 200W | 2400 Total Lumens |
| 220 - 240 Volt | 30K Hours |
| 5000K Cool White | IP65 Rating |
| PIR Sensor | 3 Year Warranty |



Rotatable ball joint



CASTRA Security Floodlight

luceco Smart!



Control your Lighting:
Mobile, Voice, Motion Detector



- Intelligent Pro Meshing
- Reliable – does not overload Wi-Fi network
- Operates using your home Wi-Fi network on 2.4GHz – no Hub required
- Self-healing for improved reliability
- Adjustable Smart PIR setting: Time, Lux, Sensitivity
- Override function for dusk till dawn operation
- Group and control Luceco Smart lighting together or individually via voice command or the app
- Communicates* beyond Wi-Fi router perimeter

*must have other lighting devices in range connected to Wi-Fi

Compatible with:



| Cat No. | Cap Type | Lumens | Wattage | Colour Temp |
|--------------|----------|--------|---------|-------------|
| LSMFSP20B150 | Smart | 2400 | 20W | 5000K |

GU10 Classic

luceco Smart!



Control your Lighting:
Mobile, Voice, Switch



Control by voice, switch or mobile using the BG Home app

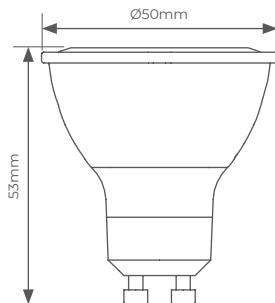
- Intelligent Smart Meshing
- Reliable – does not overload Wi-Fi network
- Operates using your home Wi-Fi network on 2.4GHz – no Hub required
- Self-healing for improved reliability
- Group and control Luceco Smart lighting together or individually via voice command or the app
- Communicates* beyond Wi-Fi router perimeter

*must have other lighting devices in range connected to Wi-Fi

Compatible with:



| Cat No. | Cap Type | Lumens | Wattage | Colour Temperature |
|------------|----------|--------|---------|--------------------|
| SLGUCC5W35 | GU10 | 345 | 4.8W | 2700K-6500K |

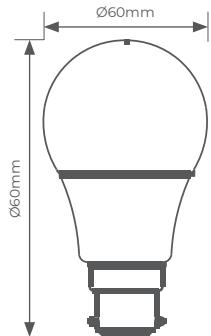


| | |
|----------------------------|---------------------|
| 2.4 GHz | 36° Beam Angle |
| 4.8W | 345 Lumens PER WATT |
| 2700-6500K WARM-COOL WHITE | GU10 |
| COLOUR CHANGE | 2 YEAR Warranty |

| | |
|----------------------------|-----------------|
| 2.4 GHz | 200° Beam Angle |
| 8.8W | 806 Lumens |
| 2700-6500K WARM-COOL WHITE | B22 |
| RGB COLOUR | COLOUR CHANGE |
| 2 Year Warranty | |



Control by voice, switch or mobile using the BG Home app.



A60 Classic

luceco
Smart!



- Intelligent Smart Meshing
- Reliable – does not overload Wi-Fi network
- Operates using your home Wi-Fi network on 2.4GHz – no Hub required
- Self-healing for improved reliability
- Group and control Luceco Smart lighting together or individually via voice command or the app
- Communicates* beyond Wi-Fi router perimeter

*must have other lighting devices in range connected to Wi-Fi

Compatible with:



| Cat No. | Cap Type | Lumens | Wattage | Colour Temperature |
|--------------|----------|--------|---------|--------------------|
| SLA22RGB9W81 | B22 | 806 | 8.8W | 2700K-6500K & RGB |
| SLA27RGB9W81 | E27 | 806 | 8.8W | 2700K-6500K & RGB |

C35 Candle

luceco
Smart!



- Intelligent Smart Meshing
- Reliable – does not overload Wi-Fi network
- Operates using your home Wi-Fi network on 2.4GHz – no Hub required
- Self-healing for improved reliability
- Group and control Luceco Smart lighting together or individually via voice command or the app
- Communicates* beyond Wi-Fi router perimeter

*must have other lighting devices in range connected to Wi-Fi

Compatible with:

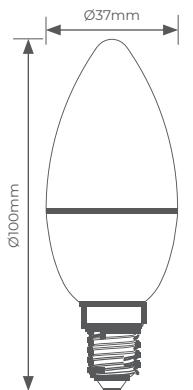


| Cat No. | Cap Type | Lumens | Wattage | Colour Temperature |
|------------|----------|--------|---------|--------------------|
| SLC14CC5W4 | E14 | 450 | 4.8W | 2700K-6500K |

| | |
|----------------------------|-----------------|
| 2.4 GHz | 200° Beam Angle |
| 4.8W | 450 Lumens |
| 2700-6500K WARM-COOL WHITE | E14 |
| COLOUR CHANGE | 2 Year Warranty |

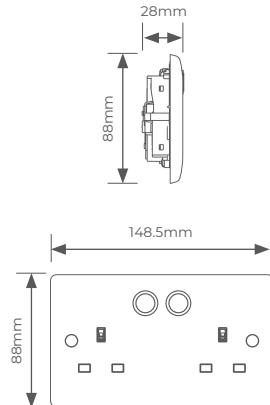


Control by voice, switch or mobile using the BG Home app.





Control by voice, switch or mobile using the BG Home app.



Switched Socket

**BRITISH
BG
GENERAL** **Smart!**



Control your Smart Power:
Mobile | Voice | Touch



- Control and schedule power indoors via touch, voice commands or app
- Operates using your home Wi-Fi network on 2.4GHz
- Set timer schedules, countdown function or random security options
- Compatible with Hey Google, Amazon Alexa and Siri Shortcuts
- Manufactured to BS1363-2
- Individual socket control
- Minimum mounting box depth – 25mm; ideal for retro fit
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²

Compatible with:



Cat No.

822/HC Round edge, double, 13 Amp, SP switched
922/HC Square edge, double, 13 Amp, SP switched

Description

Round edge, double, 13 Amp, SP switched
Square edge, double, 13 Amp, SP switched

Power Adaptor

**BRITISH
BG
GENERAL** **Smart!**



Control your Smart Power:
Mobile | Voice | Touch



- Control and schedule power indoors via touch, voice commands or app
- Operates using your home Wi-Fi network on 2.4GHz
- Set timer schedules, countdown function or random security options
- Compatible with Hey Google, Amazon Alexa and Siri Shortcuts
- Manufactured to BS1363-2
- Plug in adaptor – no wiring required

Compatible with:

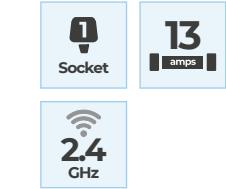


Cat No.

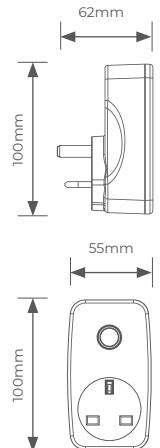
AHC/U 13 Amp, plug-in adaptor

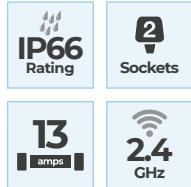
Description

**BRITISH
BG
GENERAL** **Smart!**

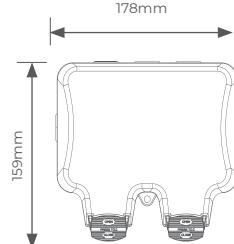
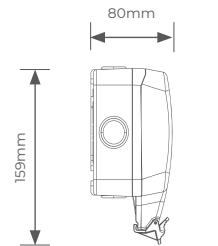


Control by voice, switch or mobile using the BG Home app.





Control by voice, switch or mobile using the BG Home app.



Switched Outdoor Socket Smart!



Control your Smart Power:
 Mobile
 Voice
 Touch



- Control and schedule power outdoors via touch, voice commands or app
- Operates using your home Wi-Fi network on 2.4GHz
- Set timer schedules, countdown function or random security options
- Compatible with Hey Google, Amazon Alexa and Siri Shortcuts
- Ideal for operating outdoor lights and water features
- Individual socket control
- IP66 rated, seals plugs in use
- Terminal capacity 3 x 2.5mm², 3 x 4.0mm² & 2 x 6.0mm²
- Manufactured to BS1363-2

Compatible with:



| Cat No. | Description |
|---------|---|
| WP22/HC | Outdoor Weatherproof, double, 13 Amp, SP switched |

3 Socket Extension Lead Smart!



Control your Smart Power:
 Mobile
 Voice
 Touch

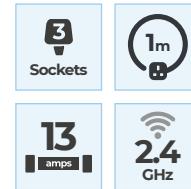


- Control and schedule power indoors via touch, voice commands or app
- Operates using your home Wi-Fi network on 2.4GHz
- Set timer schedules, countdown function or random security options
- Compatible with Hey Google, Amazon Alexa and Siri Shortcuts
- Individual socket control or all sockets together
- Fitted with one metre of cable to extend the reach of your socket
- Wall fixing capability for an 'off the floor' neat and tidy solution
- Manufactured to BS1363-2

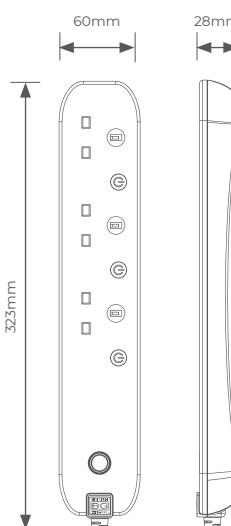
Compatible with:



| Cat No. | Description |
|---------|---------------------------|
| EHC31 | 3 Socket, 1 metre, 13 amp |



Control by voice, switch or mobile using the BG Home app.



Glossary of Terms

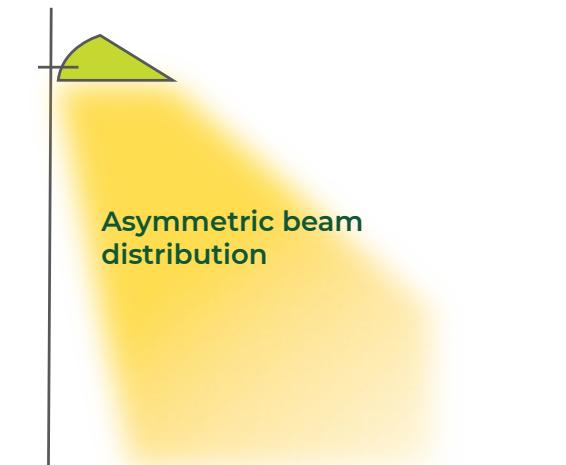
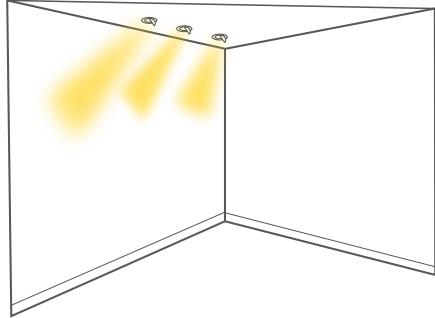
AC (~)

Alternating Current, as found in the mains power supply.



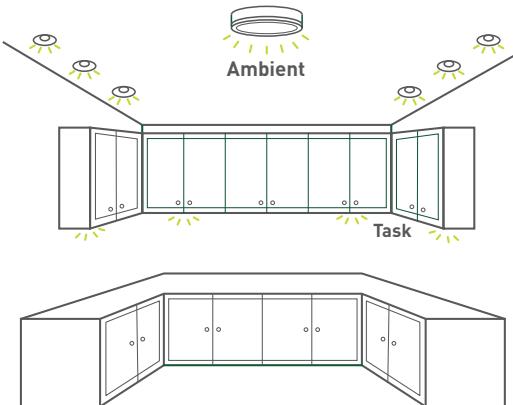
Asymmetric Light Distribution

Where the distribution of light from a luminaire is not even in one plane. Common in display luminaires such as 'wall washers' where light is directed intentionally in one direction



Ambient Lighting

The general background illuminance is usually at a low level and with a task and/or accent lighting used for the task or display.



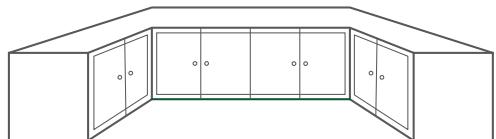
Azimuth

The 'swivel' angle, as used in floodlighting or display lighting designs and installations.



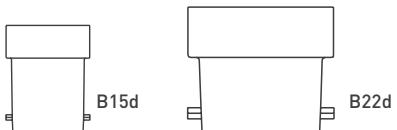
Ballast Lumen Factor (BLF)

The proportion of light emitted by a luminaire when in emergency mode, usually powered by batteries, compared to the normal mains powered output. BLF figures can be <10% or 0.1 as emergency lighting levels are far lower than those required for normal lighting.



Bayonet Cap (BC)

A common lamp cap found on many lamps in domestic use in the UK. The lamp cap has two small pins that protrude from the base, these are inserted into the lamp holder and lock the lamp in place as it is rotated. B15 and B22 are the most common types.



Ambient Temperature (TA)

The air temperature surrounding the luminaire or component. LED luminaires are particularly temperature sensitive to excess temperature affecting performance and rated life. See also Junction Temperature.

Ampere (AMP)

The unit for measuring rate of flow of electrical current:
Current (Amps) = Power (Watts) / Voltage (Volts)

Glossary of Terms

British Building Regulations

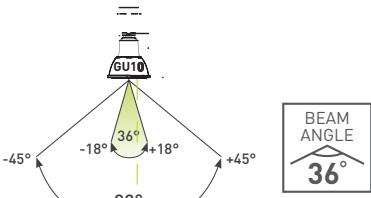
Various building regulations, usually referred to as the approved regulation document letter, exist not only to ensure that buildings are constructed safely but also that materials or equipment installed is of the current requirement. Various products comply with:

- **Document B** – Fire safety
- **Document C** – Resistance to contaminants and moisture
- **Document E** – Resistance to sound
- **Document L** – Conservation of fuel and power



Beam Angle

Not, as commonly thought, the width or angle of light emitted from the lamp/luminaire. Instead, the point where intensity reaches 50% of the peak value.



Binning

The method used for sorting LED chips during manufacture, typically based on output and colour temperature. The latest manufacturing techniques employed by leading chip manufacturers are yielding chips that no longer require binning, as the consistency and tolerance are greatly improved.

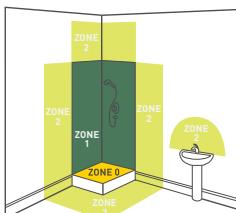
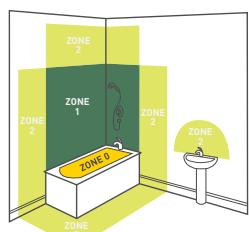
Brightness

Whilst brightness is what people see and react to, luminance is the actual surface brightness of an object and is measured in candelas per metre².

Bathroom Zones

Bathroom lighting needs to be functional and safe. It is divided into zones where only suitable light fittings should be used.

- **Zone 0** is inside the bath or shower. Any fitting used in this zone must be low voltage, (max 12v) and rated at least IP67 which is immersion proof.
- **Zone 1** is the area above the bath to a height of 2.25m from the floor. In this zone, a minimum rating of IP65 is required.
- **Zone 2** is the area stretching 0.6m outside the perimeter of the bath and the area between zone 1 and the ceiling up to 3m. Also the area around the wash basin, within a 60cm radius of any tap. In this zone, a minimum rating of IP44 is required.



British Standards Institute (BSI)

The national standards organisation is responsible for publication of standards that ensure products are constructed and operated safely and efficiently. Standards are prefixed with BS for a British Standard, EN to a European Standard and BS EN where the European Standard has been adopted as a British Standard. All BG Electrical and Luceco Lighting products are conceived and produced to comply with the relevant standards, key standards for the LED range include:

- **EN 60598 - 1** – Luminaires – General requirements
- **EN 55015** – Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- **EN 61547** – Equipment for general lighting purposes – EMC immunity requirements
- **EN 61000-3-2** – Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for Harmonic current emissions
- **EN 62471** – Photobiological safety of lamps and lamp systems
- **EN 62560** – Self - ballasted LED – lamps for general lighting services by voltage 50 V. Safety specifications
- **EN 61347-1** – Lamp control gear – Part 1: General and safety requirements
- **2002/96/EC** – Waste Electrical & Electronic Equipment (WEEE)
- **2002/95/EC** – Restriction of the use of certain Hazardous Substances in EEE (RoHS)
- **(EC) No 1907/2006** – The Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Candela (CD)

The SI unit for luminous intensity.

CE

The European Community mark 'Conformité Européenne' signifying all relevant standards and directives have been complied with.



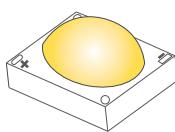
Chip

The LED chip is the light source.

Glossary of Terms

Chip on Board (COB)

Is the latest generation of LED light source. Many small LED chips are incorporated in one packaged light source to provide a more efficient solution that can be combined with a lens and/or reflector to maximise the light distribution.



Class I

Class one luminaires require an earth connection for electrical safety.



Class II

Class two luminaires do not require an earth connection and are also referred to as double insulated.



Colour Appearance

The term used to describe how 'white' the emitted light looks. Commonly, warm, neutral, cool and daylight are used to categorise.

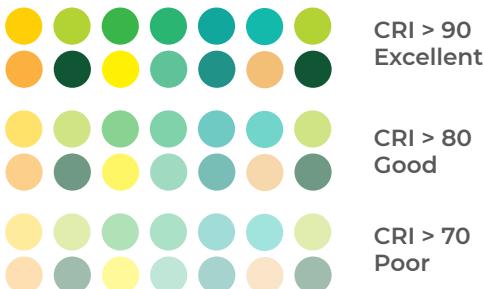


Colour Rendering Index (CRI)

A measure of the degree of colour shift objects undergo when illuminated by the light source as compared with those same objects when illuminated by a reference source of comparable colour temperature.

The reference source has a CRI of 100.

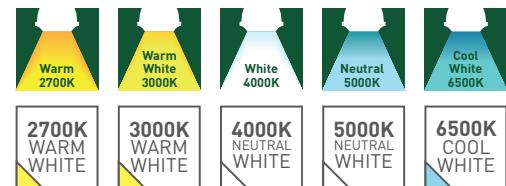
Natural light (daylight) would also be 100.



Correlated Colour Temperature (CCT)

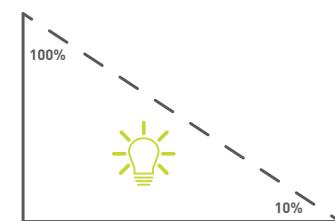
The description used to describe the effect of heating an object until it glows incandescently, the emitted radiation, and apparent colour, changes proportionally to the temperature; easily envisioned when considering hot metal in a forge that glows red, then orange, and then white as the temperature increases. Measured in degrees Kelvin.

| | |
|-------------|---------------|
| <3300K | Warm White |
| 3300K-5300K | Neutral White |
| >5300K | Cool White |



Corridor Function

Refers to luminaires that when not required to emit 100% light output, switch to 10% output. This 'standby mode' allows the luminaire to provide a low level of illumination for a feeling of security so the area is not totally dark. Upon sensing movement, the output automatically and instantly switches to 100%. This is particularly useful in circulation areas such as corridors and stairwells.



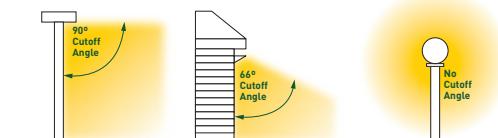
Cut-Out Dimension

Size of hole required to install luminaire.



Cut Off Angle

Small downlights can appear too intense and very glary, so cut off angle illustrates the point where the light source can't be seen.

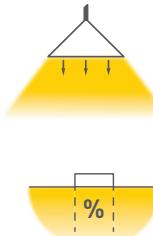


Dali

Stands for Digital Addressable Lighting Interface, where each driver and control component such as a sensor or switch has a unique address on the lighting installation. This allows for infinite configuration of the lighting installation and flexibility in the future.

Dimming

Many Luceco luminaires are available as a dimmable version option. Generally, this requires a different driver to the standard fixed output driver and also may require additional wiring on site to operate/control the dimming function.



Direct Lighting

Luminous flux that reaches the working plane without being reflected from walls/ceiling or within the luminaire itself.

DLOR

Downward Light Output Ratio is the percentage of luminous flux output from the lamp/luminaire that is emitted in the 180° angle below horizontal.



Double Insulation

Also known as Class II, where two levels of insulation (such as two cable coverings) protect live parts from exposure.



Driver

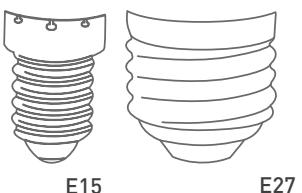
The driver is often the critical component in a LED luminaire or lamp, more so than the LED chip itself. The driver has to be matched to the power requirements of the LED chip and also have quality components. Drivers that use inferior components such as capacitors, will fail before the rated life of the LED chip, reducing the claimed life by as much as 50%.

Edge Lit

All LuxPanels are edge lit; this means that the LED chips are positioned vertically around the perimeter of the panel. This provides an excellent uniformly illuminated panel in a fixture as slim as 8mm.

Edison Screw

A lamp cap that features a screw thread for a positive fit in the lamp-holder, common sizes include E15 and E27.



Glossary of Terms

Efficacy

Is the measure of how efficient a lamp or luminaire is. This can be expressed as (source) lumens per watt, which is the normal measure for lamps. Or, as luminaire lumens per circuit watt that is common for luminaires. The figure for luminaires will also include the LOR of the luminaire in the calculation.



Emergency Lighting

Is to allow the safe evacuation of an area in the event of a mains failure. The positioning and number of emergency lighting luminaires are detailed in a British Standard, BS5266. It is vital that emergency lighting is maintained correctly to ensure batteries are conditioned so it operates when required.



Escape Route

Emergency lighting along a route such as a corridor or a staircase to enable safe evacuation.



Fire Rated

Where a luminaire is installed in a fire barrier such as into a ceiling, it must have the same resistance to fire rating as that barrier. For domestic installations, there are ratings of 30, 60 and 90mins and each limit must be tested for. A 90min rated product does not automatically comply with 30 or 60mins due to the different ceiling constructions. Non-domestic applications usually have a fire resistant barrier such as a concrete slab between floors. So, do not have the requirement in many cases.

Flux / Luminous Flux

Luminous flux is the measure of the perceived power of light, adjusted to reflect the varying sensitivity of the human eye to different wavelengths of light and is expressed in Lumens (lm).

Glossary of Terms

F Mark

Denotes luminaires that can be mounted on to flammable surfaces as the heat generated will not cause any combustion. Previously luminaires that were suitable had to be marked, but the most recent standard requires only luminaires that don't comply to be marked.

Frequency

Is the rate that the power supply wavelength fluctuates and is measured in Hertz.



General Lighting

Lighting to illuminate the general area without supplementary task lighting.

Glare

Is difficulty seeing in the presence of bright light such as direct or reflected sunlight or artificial light and is proportional to the background illuminance. A good example is a car headlight that provides glare at night time but not during the day.

Goniophotometer

A photometric device for testing the luminous intensity distribution, efficiency and luminous flux of luminaires.

Heat Sink

A part of the thermal system that conducts or convects heat away from sensitive components, such as LEDs and electronics.

Hertz (Hz)

The unit to measure frequency.

High Power LED

A high power LED, sometimes referred to as a power LED, is one that is driven at a current of 350mA or higher.

High risk Area

A requirement in Emergency lighting where a process may require safe shut down or an increased hazard. Higher emergency lighting levels are therefore required local to the risk.



Ingress Protection (IP) Rating

A system that identifies the protection that a lamp or luminaire has against solid objects and water. The first digit being solid object protection and the second one resistance to water. All Luceco products IP20 unless otherwise stated.



IES

Illuminating Engineering Society, an American organisation that provides standards and recommendations. Photometric data files are common in .ies file format.

Illuminance

The intensity of light falling on a surface area, measured in square metres, the unit of illuminance is lux (lx).

Indirect Lighting

Lighting that is reflected by room surfaces or within the luminaire before falling on to the working area. As a result of reflection, it is often lower in intensity and glare.



Initial Lumens

The output up to 100 hours use.

| Protection Against Solid Foreign Objects | | Protection Against Harmful Ingress of Water | |
|--|--|---|--|
| IP | Test | IP | Test |
| 0 | No protection | 0 | No protection |
| 1 | Full penetration of 50mm diameter of the sphere not allowed. Contact with hazardous parts not permitted. | 1 | Protected against vertically falling drops of water. |
| 2 | Full penetration of 12.5mm diameter of the sphere not allowed. The jointed test finger shall have adequate clearance from hazardous parts. | 2 | Protected against vertically falling drops of water with enclosure tilted 15° from the vertical. |
| 3 | The access probe of 2.5mm diameter shall not penetrate. | 3 | Protected against sprays to 60° from the vertical. |
| 4 | The access probe of 1mm diameter shall not penetrate. | 4 | Protected against water splashed from all directions - limited ingress permitted. |
| 5 | Limited ingress of dust permitted (no harmful deposit). | 5 | Protected against low-pressure jets of water from all directions - limited ingress permitted. |
| 6 | No ingress of dust. | 6 | Protected against strong jets of water e.g. for use on ship decks - limited ingress permitted. |
| 7 | | 7 | Protected against the effects of immersion between 150mm and 1m. |
| 8 | | 8 | Protected against continuous submersion at a specified depth. |

Inrush Current

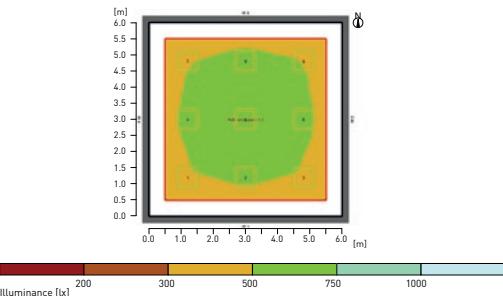
Components such as drivers can have high Inrush currents for milliseconds due to the use of capacitors, this should be considered when specifying switching and breaker ratings.

Integrating Sphere

A device used for a variety of optical, photometric, or radiometric measurements.

Isolux Diagram

A graphical representation of common illuminance levels to show lighting levels over a calculated area.



Junction

The point at which the positive and negative conductors meet in a LED.

Junction Temperature

A critical consideration in LED lamp or luminaire design. For every 10 °C that the junction temperature exceeds the optimum figure, life of the LED chip is reduced by 50%. Overrunning LEDs by operating at higher amps will cause this to happen.

Kelvin

The SI unit used to measure and denote colour temperature, degrees Kelvin.

kWh

Kilo-Watt-hour is the typical billing unit for electricity costs and represents 1kW of power over a 1-hour duration.

Lamp

A lamp converts electrical power into light and sometimes they are called 'bulbs' due to the traditional lamp shape.



LED

Light Emitting Diode. An LED is a solid-state semi-conductor device that converts electrical energy directly into the light. On its most basic level, the semi-conductor is comprised of two regions. The p-region contains positive electrical charges while the n-region contains negative electrical

Glossary of Terms

charges. When voltage is applied and current begins to flow, the electrons move across the n-region into the p-region.

The process of an electron moving through the p-n junction releases energy. The dispersion of this energy produces photons with visible wavelengths. Most LEDs emit a blue light as that is the most efficient format, a phosphor coating turns the blue light into the white light required.

LED Rated Life

LED chip figures are quoted by the chip manufacturer and in some cases these are not translated when the chip is used in a luminaire where it can run hotter. As heat affects the LED chip, the life can be reduced dramatically.



Light Output Ratio (LOR)

Light Output Ratio is the percentage difference between the luminous flux emitted by the light source and the amount emitted from the fixture it is housed in.

$$\text{LOR} = \frac{\text{Lumen Output (Luminaire)}}{\text{Lumen Output (Lamp)}}$$

lIm/W

Luminaire lumens per circuit watt is total lumens emitted from the luminaire (source lumens x LOR) / total luminaire wattage including control gear.

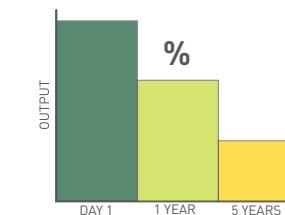


Lumens (lm)

The international (SI) unit of luminous flux. Lumens will become the measure of light output as watts cannot be a reliable measure due to the different efficacy of light sources and the ongoing improvement in LED efficacy through development.

Lumen Depreciation

Describes the percentage of light lost relative to the initial lumen output. LEDs depreciate at a far slower rate than other light sources, so a LED with a lower initial output can quickly provide more light than a faster depreciating light source.



Lumen Maintenance

The luminous flux at a given time in the life of the LED. This is expressed as a percentage of the initial luminous flux. This usually determines the rated life of a LED product as the point it should be replaced.

Glossary of Terms

Luminaire

A lighting fixture complete with installed lamps or light source.

Luminaire Lumens (Llm)

The light emitted from a luminaire will typically differ from the source lumens. This can be from losses within the luminaire housing. Also, it is common for LED's to operate at a higher temperature in the luminaire, this can lead to the output increasing when compared to the source (chip) lumens. Luminaire lumens will be Source lumens x LOR.



Luminaire Wattage

The total of the LED and any control gear included.

Luminance

The surface brightness of an object and measured in candelas/m².

Luminous Efficiency

The percentage of total lamp lumens that a lighting fixture, luminaire or system emits, minus any blocked or wasted light.

Lux (LX)

The SI (International) unit of illuminance, or luminous flux incident on a unit area, frequently defined as one lumen per square metre (lm/m²).



Maintained Emergency

A maintained emergency luminaire is able to be used for both general and emergency lighting, a second live cable allows it to be turned on/off as required and detect a mains power circuit failure.

Microwave Sensor

The sensor emits low power microwaves that form a pattern in the area covered. When movement disturbs the pattern, the movement is detected and the sensor turns the light source on. Microwave sensors are only recommended for indoor use as they are sensitive to movement and not heat.

Non-Maintained Emergency

A Non-Maintained emergency luminaire ONLY operates in emergency mode and is not for general lighting.

Open Area

Lighting, also called 'anti-panic' area lighting, is emergency lighting where it is not a high-risk area or escape route.

Organic Light-Emitting Diodes (OLED)

Organic light-emitting diodes (OLEDs) are based on organic (carbon based) materials. In contrast to LEDs, which are small point sources, OLEDs are made in sheets which provide a diffuse area light source. OLED technology is developing rapidly and is increasingly used in display applications such as mobile phones and PDA screens. However, OLEDs are still some years away from becoming a practical general illumination source.

PIR

Passive Infra Red sensors detect movement by the change in background temperature as body heat moves into the area.

Phosphor

A coating of a phosphorescent material which photons from a royal blue LED pass through causing those photons to exit with a different colour property.

Photometric Data

Is a generic term for light output and distribution data for a lamp or luminaire and can be shown in many formats. Generally data is produced following the IES or ELUMDAT method to provide a .ies or .lumt computer file for use in a lighting design program such as Relux or Dialux. Photometric data is available for a wide selection of Luceco luminaires from our website.

Power Factor

The active power divided by the apparent power (i.e. product of the rms input voltage and rms input current of a driver).

Power Factor Correction

In an electronic device, such as an LED lighting fixture, a system of inductors, capacitors, or voltage converters to adjust the power factor of electronic devices toward the ideal power factor of 1.0.

Reach

Registration, Evaluation, Authorisation & restriction of Chemicals. The EU Directive covering the use of hazardous chemicals used in the manufacturing process and supply of products.

Remote LED Driver

Some LED lights in our range use a remote plug and play LED Driver, that offers flexibility to select either a fixed output, dimmable driver or emergency versions, with all being interchangeable.

Remote Phosphor

A phosphor conversion technique in which photons from a royal blue LED passes through a phosphor material that is not attached to the LED chip.

RoHS

Restriction of Hazardous Substances (2002/95/EC) is an article 95 directive, meaning it is across all European Union member states. Since July 1st 2006 the use of hazardous substances is restricted in products, to prevent environmental harm. The prohibited substances are Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls and Polybrominated Diphenyl Ethers. All relevant Luceco products comply.

RoHS

Self-Contained

The most common type of Emergency lighting luminaire, where all of the components are within one Emergency luminaire. This can include gearboxes connected directly to individual luminaires but outside the main luminaire housing. If within 1m, it is classed as self-contained.

SMDs

Surface-mount LEDs.

Source Lumens (LM)

Source or Chip lumens is the output of the LED array and does not allow for any reduction or increase from the luminaire.

Source Wattage

Also could be referred to as chip wattage is for the LED only and does not include any control gear.

Glossary of Terms

Task Lighting

Localised lighting intended for a specific task.

Thermal Management

Controlling the operating temperature of the product through design, examples include heat sinks and improved airflow.

Tp(a)

Diffusers used in recessed luminaires are classified in relevance to their resistance to fire and spread of flame. TP(a) is the highest classification but has lower efficacy due to the compromise in light transmittance.

Tp(b)

Diffusers are acceptable for the majority of applications, following the 2013 revision of the building regulations. Approved Document B – Fire Safety: Volume: Building other than dwelling houses, includes further detail.

ULOR

Upward Light Output Ratio, the percentage of light emitted from a lamp or luminaire above the horizontal plane.

Ultraviolet (UV)

Electromagnetic radiation with the wavelength shorter than that of visible light. LEDs emit minimal UV and therefore do not attract insects or potentially damage sensitive materials illuminated by them.

Utilisation Factor

In lighting design, the proportion of the luminous flux emitted by a light source, which reaches the working plane.

Voltage

The term used to describe the electrical potential difference between oppositely charged conductors.

Wattage

The power consumed by the LED.

0-9

| | | | | | |
|-------------|-----|---------------|-----|-------------|-----|
| 822/HC | 288 | EFLD100B40 | 203 | ELP15W9L40 | 28 |
| 922/HC | 288 | EFLD10B40P | 140 | ELP17W12L30 | 28 |
| | | EFLD150B40 | 203 | ELP22W18L30 | 28 |
| A | | EFLD200B40 | 203 | ELP22W18L40 | 28 |
| AHC/U | 289 | EFLD20B40 | 138 | ELP30W24L30 | 28 |
| | | EFLD20B40P | 140 | ELP30W24L40 | 28 |
| B | | EFLD30B40 | 138 | ELPLDRDIM12 | 28 |
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| ECL12OLCC | 130 | ELB30WE40 | 122 | LAC15P32S40 | 64 |
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| ECL12OLCCM | 131 | ELB30WS40PIR | 123 | LAC15P60S40 | 64 |
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| ECL15OL40D | 131 | ELBP16WS40 | 123 | LAC18P45S40 | 64 |
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