



collingwood

Landscapes 2024

Light **Your** Moment

We believe in helping
people light their
moments sustainably

by continuously pushing the boundaries of LED lighting technology. We design our products with people's experience at heart, to enhance everyday life, and build a better future. Every occasion matters, we don't make lights, we make moments.





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An aerial photograph of a vast, dense forest of evergreen trees, likely spruce or fir, covering a hillside. The trees are tightly packed, creating a textured green surface. A semi-transparent teal and blue gradient overlay is positioned on the left side of the image, containing white text.

**We aim to
be carbon
neutral by
2030**

Light a better future

Sustainability is at the core of everything we do

When we partner with you to create amazing projects, we work hard to do so responsibly. Our commitment to tackle environmental challenges means we are pro-actively taking action to minimise the impact of our materials used and operations, to build towards carbon neutrality.



Silver medal EcoVadis

Methodology built on international sustainability standards. EcoVadis is the world's largest and most trusted provider to rate our business and provide you with transparency about our environmental, social and ethical performance - or sustainability.



Recycling

- 100% of our cardboard waste is either used as shredded packaging filler or recycled.
- 100% of our plastic waste is used in bales or recycled.
- 100% of our warehouse pallets are recycled.



Energy from renewable sources

100% of our electricity comes from renewable energy sources such as solar and wind turbines.



Waste experts partnership

We partner with waste experts to enhance our overall environmental performance.

- 100% of our waste is diverted from landfill.
- 96% of our waste is recycled, with the remaining 4% being recovered as energy from waste.
- Consolidating waste pick ups to minimise our carbon footprint.
- Euro 6 standard for all our waste pick up vehicles.



Greener packaging

Reduce, re-use & recycle

Apart from products, businesses produce more packaging than anything else, we know how important it is to do everything we can to minimise the impact it has on the environment.



100% recyclable

- Our boxes are made entirely from card to make them easy to recycle.
- We use no plastics to make our boxes (including the finish of the box).
- We use vegetable oil inks to ensure they are recyclable.



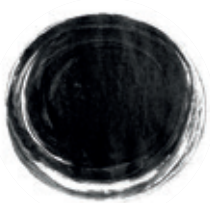
FSC approved card

We use card from FSC approved forests in our boxes. This means that the card used to make the box comes from a replenishable forest and for every tree used another one is planted.



Less wastage

We make sure that we design our boxes to use as little material as possible to minimise their carbon footprint.



Less ink

Our new brown box design uses significantly less ink than a full colour box with images. When producing the packaging this makes the carbon footprint much smaller.

Light is an experience

There's lighting, and then there's lighting

Filling a room with light is easy, but bringing a space to life with light takes expertise. We thrive on making the most of spaces and taking your projects to the next level with our lighting design studio.

the studio

Our in-house lighting design team with over 50 years of experience can create amazing bespoke lighting designs for your project. Your project, your vision, partnering with Collingwood to create amazing projects together.

- Customised designs built specifically for your needs.
- From single room to entire building projects.
- Quick, efficient and on budget service.
- Compliant lighting solutions.
- Value engineer service.
- We use Dialux and Relux to make sure we have the most effective software possible.
- We provide a full quote and solution.

Atmosphere with colour

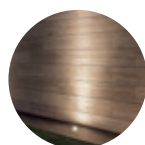
Choosing the ideal CCT is essential to creating the perfect atmosphere for your project.



Warmest
2700K



Warm
3000K



Natural white
4000K



Wood / Sand
2700K



Stone
3000K



Whites
4000K

Maximising materials with colour

Bring the best out of the materials in your project by using the ideal CCT (Correlated Colour Temperature).



Layering light for exteriors

Combining functional, feature and social lighting will make the most of an exterior space whilst adding depth to the lighting scheme.

- ① **Functional lighting**
Lights areas for specific tasks to take place in the space.

- ② **Feature lighting**
Provides points of focus and highlights elements of the space to add depth.

- ③ **Social lighting**
Creates ambience and a space that people will spend most of their time in.

Lighting makes up

11%
of the UK household's

19%
of the commercial
building's
electricity consumption



Free energy survey

Request a free energy
survey with us using
our online form.

Controlled lighting

Save energy, save money

Rising energy costs, inefficient technologies, and the need to act more sustainably, demands that we all address this energy consumption. Investing in the latest lighting technology along with professional lighting design, can reduce energy consumption by up to 82%.



The right amount of light

During the development process, we pay careful attention to understand what application the product is being designed for and how much light is needed. Then by tuning the luminaire to these requirements, we are sure to avoid overlighting of a space and maximum efficiency.



Light ON only when needed

The most efficient light fitting is the one that is switched **off**. Making the switch to both energy efficient luminaires and controls will help you save money. Our control system requires no special wiring or approach by the installer and you can decide on the set up once the installation is complete, making it easy to implement on your next project.



Expert lighting design

Too often lighting refurbishments are carried out without considering how the people are using the space and what tasks they are performing. Through this understanding, we are able to optimise your energy savings by considering the zoning of your lighting layout and ensuring light is directed to where it is really needed and with the correct intensity.



Energy saving strategy

In all building types, it is common to find a mixture of different types of lighting, sometimes different technologies and a mix of efficiency. We partner with our customers to help you identify the low hanging fruit so that together, we can form a short, mid and long term strategy to save you energy.

We test all
our products
in our own
**state of
the art lab**



No substitute for quality

You can be confident with us

Your piece of mind and confidence in our products is important to us. Since we were established in 1901 we have been driven to deliver nothing but the highest quality in everything we do. We offer longer warranties and get third party accreditation to ensure you can trust our products.

LIA accreditation

The Lighting Industry Association Quality Assurance scheme is developed by industry experts. The scheme assesses the members quality system and product compliance, and supports the member in achieving and maintaining the standard expected for LIA membership. Collingwood has been awarded the LIAQA Assured Company mark.



EDA accreditation

The EDA (Electrical Distributors' Association) is the trade association that represents the interests of wholesale distributors of electro-technical products in the UK. Collingwood is a product affiliate and together we work for the good of the sector.



Long product warranties

You can trust our products. We offer long warranties on our products because we believe in them. They all go through vigorous testing to ensure they are of the highest quality that will stand the test of time.

Two year on site warranty

With the majority of our commercial products we offer a two year on site warranty.



Warranty registration

Complete our online form within 90 days of installing to ensure you receive your free extended warranty.

Fast reliable service

We're here to help you succeed

We believe you have the ability to create amazing projects and we want to help you achieve it. We pride ourselves on always being readily available to provide a level of service that gets you what you need to excel and achieve unbelievable things.



**Place an order
before 3pm**



**Free next day direct
to site delivery**

Technical support team

We pride ourselves on always being readily available to provide a level of service that gets you what you need to excel and achieve amazing things. With expert knowledge of electrical installations, our technical support team can provide a solution either over the phone or on site.

Free on site support

On large scale projects a member of our technical support team will go to your site to help plan your installation to ensure it runs smoothly.

Our technical support team are also on hand if you are experiencing any difficulties to help you get the most from your Collingwood installation.

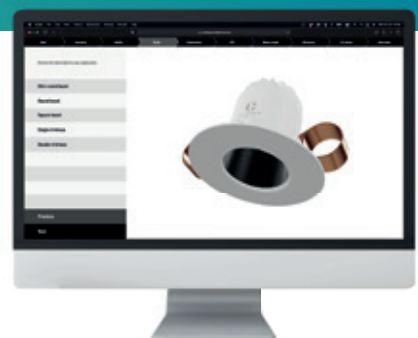
Free on the phone support

Readily available and with expert knowledge of our product portfolio our technical support team are on hand to answer any question you have about our products.

Online support

To ensure you get the support you need 24 hours a day, we offer online support.

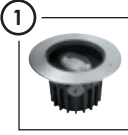
- Detailed product information on our website.
- Email updates to keep you informed.
- Literature available on our website.
- Product configurators to help you make the right choice easily.







Private residence



Tilt Adjustable Ground Light
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SL040A
Page 117



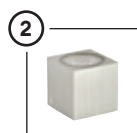
Private residence

Courtesy of brownhensolutions.com



UL030

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MC010 S

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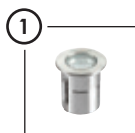


WL070RGBW

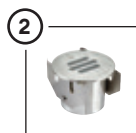
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Town Head Estate Lake Windemere



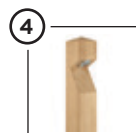
GL019
Page 83



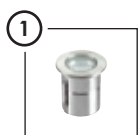
GL021
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WL075
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BL01
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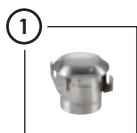


GL019

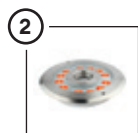
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Lakeside Nottingham



GL200
Page 103



Fountain RGBW
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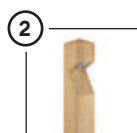


Town Head Estate Lake Windemere



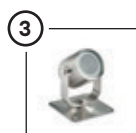
SL030

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BL01

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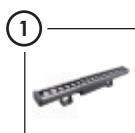


UL010RGBW

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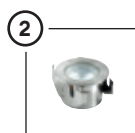


Newcastle University



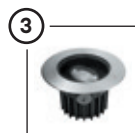
Volta 500mm

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GL040

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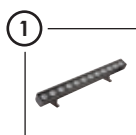


Tilt Adjustable Ground Light

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Bedford University



UL346CARGB

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UL030RGBW

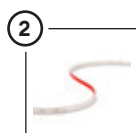
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Hotel Aix en Provence



GL050
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LSC82
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SL030
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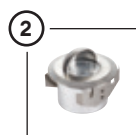


Private residence Costa Brava



GL040

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GL034

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GL019

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Landscape

Lighting has the potential to dramatically enhance the overall design of any landscape, and should be considered at the start of every design. Providing an abundance of benefits for both residential and commercial spaces, landscape lighting can add safety, security, ambiance, mood and drama to the overall environment. Limited only by the designer's imagination, the practical functions and various mood effects that can be established are endless. Our range of ground lights are built to last and can be used in many environments, even coastal areas with our marine grade stainless steel 316 products, providing you with the reassurance that the products will look as good as the day they were fitted.

In addition to ground lights, the use of wall and spike lights in any design will amplify the overall look and feel. Available in contemporary finishes such as anodised bronze and copper, they are sure to add depth and edge to any design. Charismatic and timeless, finishing your overall design with our hand crafted, bespoke bollard range will ensure a safe, dynamic and elegantly lit space to compliment the surroundings.



Landscape lighting

Adding depth to landscapes

Transforming any landscape with lighting design is as important as interior lighting. It can invigorate the environment and bring the space to life.

Incorporating lighting into landscape design

To amplify the quality of a landscape, lighting should be incorporated into the design. When it comes to landscape lighting, three key areas should be considered; functional areas, feature areas and entertainment areas. If consideration is taken for these, landscapes will have added depth and can really be brought to life.

Low-level decorative lighting

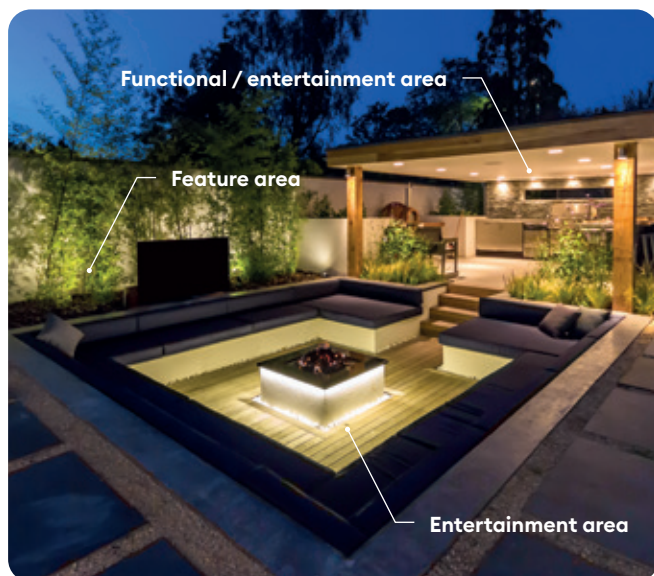
The correct lighting should be considered when illumination is required for a certain task, such as visibility or circulation. Pathways and storage areas usually require functional lighting but can be used as a layer of light that contributes to the overall landscape.

Feature areas

Sculptures, ponds and interesting plant life can form distinct features in a landscape design, but may be lost at night. Consider the most appropriate way to light them to ensure they become the focal point in a landscape.

Entertainment areas

Lighting in this area should be used to create ambience as it often becomes the most used area in a landscape. As such, it is a good idea to consider lighting at the start of the design. This can be further enhanced through the use of controls.



Maximising materials

Importance of colour temperature

Accentuating the materials in a landscape can be achieved by selecting a colour temperature that enhances the colour of the material being highlighted.

Wood / sand

Warmer tones found in materials such as these would be complimented by a colour temperature of 2700K - 3000K.

Stone

For featuring the natural components of stone, a colour temperature of 2700K - 4000K will be most suitable.

Whites

For white materials, such as painted brick or furniture, choose 4000K to emphasise the tones.

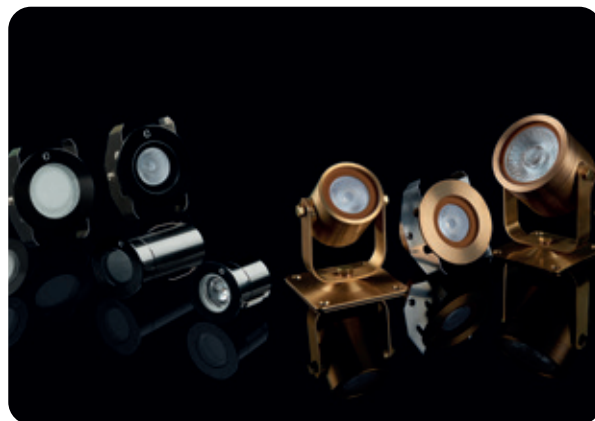


Black and antique brass finishes

The use of black or antique brass is an increasingly popular trend with landscape lighting designers, and to accommodate this development we have just extended our offering to include even more varieties.

Black ground lights tap into the latest monochrome interior design trends. These ground lights are for decorative lit effects and ideal for placement on perimeters because they're not suitable for being walked or driven over.

Another design trend is for the use of warmer materials and body colours, such as antique brass. This finish is particularly used in exterior spaces, alongside red, orange and brown hues, which are commonly found in wood, brick and stone.



Atmosphere

The correct colour temperature is paramount for the choice of material you wish to highlight and the atmosphere you wish to create. Landscape designs are easily transformed by the correct colour temperature.

Warmest

2700K



Warm

3000K



Natural white

4000K



Flood Vs Spot

Choose the ideal beam angle to achieve the effect that you need.

Flood

Wash light over an area with a wider beam angle.



Spot

Concentrated beam of light with a narrower beam angle.



Textured surfaces vs. flat surfaces

When choosing a light fitting, it is imperative to consider the surface that the light will be used on. At this stage, it is a great opportunity to bring the materials to life and compliment the landscape design.

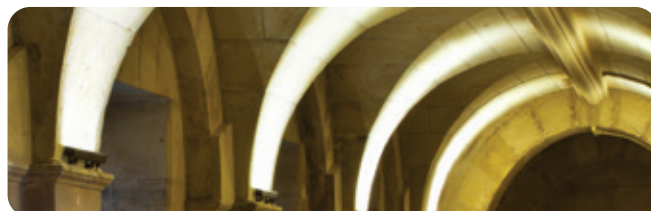
Textured surface

Use a spot, close to the surface, to graze light over the surface, highlighting the texture and adding depth to the surface.



Flat surfaces

Use a flood to wash light over the surface, highlighting the clean nature of the surface/design.



Landscape lighting

Environment Considerations

There are many considerations when designing an exterior lighting scheme, and they should always include the natural environment. Careful planning will ensure a lighting scheme which is both durable and impactful, whilst also remaining sympathetic to the environment.

Incorporating lighting into landscape design

Considerate lighting schemes reduce impacts on nocturnal animals

It is important to minimise any effects lighting has on nocturnal animals and insects such as bats, owls and moths. It is very important that bats specifically are taken into account when considering the need to light an area if they are known or suspected to use the area.

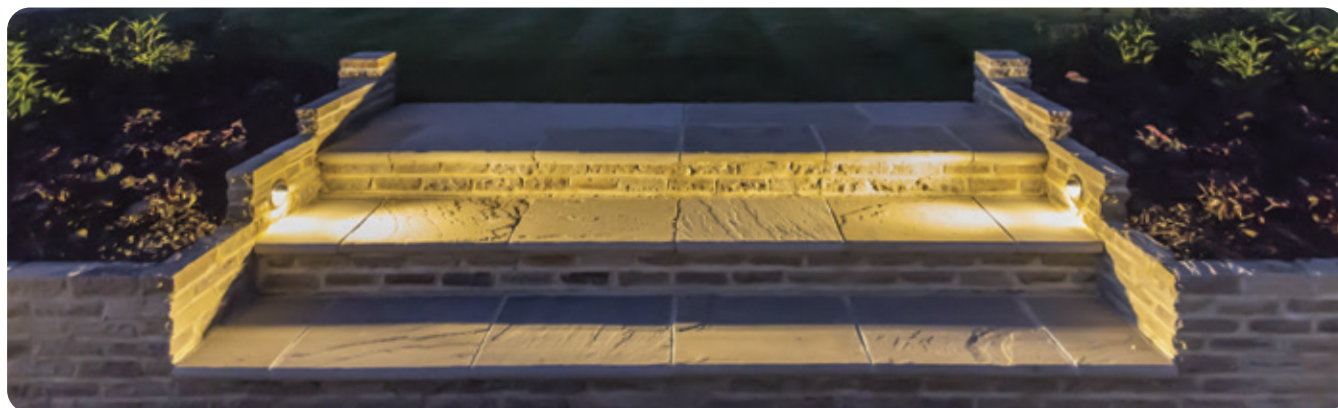
The amount of upwards light, and in particular blue light content, can impact them for many reasons, like survival and growth rates. Bats in the UK feed on insects and this missed opportunity can have a serious impact on them if they are missing the peak time of insect abundance (just after dusk). Other effects it can have is bats/wildlife being abandoned or becoming entombed in the roost, so when the entrance is lit up to the roost, they will be less inclined to leave their roosts in these conditions.

A range of low glare products as such as bollards, ground lights, spike lights and lighting controls to help support with illuminating areas.

Products available in 2200K keep blue light content to a minimum. Bollards, such as the black coated range are available in various sizes and with the low glare it has minimum up spill of lighting, making it suitable for areas where nocturnal animals such as bats, and any other wildlife that are affected by lighting.

The mini domed ground lights, GL100 and GL200 give out concentrated light sideways, so you can still illuminate a path for easy navigation and safety, whilst still protecting the environment from light pollution.

Control systems can offer various functions such as putting the lights on a timer or a sensor, so it is only used when needed.



Underwater lighting

IP68 rated lights are completely air tight and can be used underwater. Patented technology, unique to Collingwood, prevents water ingress from the back of the light, where the cable enters the product.

When designing a pond area, ensure that you are using IP68 rated products.

Our IP68 rated ground lights can withstand 1 bar pressure, meaning it can be installed up to a depth of 10 metres.



Coastal and pool areas

Material choice

Our landscape products are trusted by lighting specifiers and installers alike. This is thanks to superior product engineering and the use of durable and high-quality materials, including marine-grade stainless steel 316 and anodised aluminium.

Stainless steel 316

Unlike stainless steel 304, the 316 version has a higher resistance to corrosion meaning it is an excellent choice for coastal areas where the water and air contain high concentration levels of salt, and for around swimming pools where there is exposure to chlorine. Not only this, but the material is very durable against wear and tear, particularly important for products recessed in walkways and driveways. Our products go through vigorous salt mist testing to ensure they are corrosion resistant.

Anodised Aluminium

This electrochemical process increases the thickness of the natural oxide layer on the surface of the aluminium, so the colour becomes part of the material itself. This has benefits over the more commonly seen powder coated alternative because it will not fade, peel or flake, and maintains some of its metallic appearance. Anodised aluminium is also resistant to corrosion and scratches, but it is a softer metal compared to stainless steel 316 so should be considered based on the light fitting's intended install location. Anodising is one of the most durable surface finishes available, as well as beautiful.

As with all light fittings, both the light and the product will maintain a high-quality appearance if they are installed correctly and are regularly wiped clean with a soft, damp cloth.



Wall lights

Wall lights provide a sense of security, but they are also great for bringing features to life on facades, fences and buildings. With wall lights you can accentuate architectural features and achieve a layered lighting effect for added atmosphere. The wide range of wall light products enables you to choose the effect you want, to achieve the wow factor for your scheme. Whether you want to cast light down in a narrow beam for dramatic highlighting, a wide beam, to broadly sweep an entire doorway, or cast light both up and down with different effects – there's a perfect solution for the task.

Graze walls with floods of light, pick out particular features with directional lighting, or produce large blades of decorative lighting. Add low glare hoods and snoots for even more control over the direction and impact of the light.

Our wall lights come in premium finishes, including solid copper, to look great and stand the test of time (and the elements) outside. The straight to mains options are easy to install and can be added to your scheme at any time. These come with heat shrink joints, perfect for outdoor installation. Separate bases make mounting even easier.



Wall lights

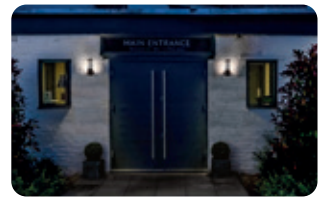
To create secure and adventurous spaces

Wall lights provide security as well as atmospheric and decorative lighting. Available in a range of styles and finishes, choose the perfect solution for your installation.

Choose your effect and how to create it

Highlight architecture or illuminate an entrance with Collingwood wall lights. The images below illustrate how your choice of lighting creates different effects.

Choose your effect:



Create it using:



WL070

This up / down light produces a narrow and concentrated beam of light up and downwards. This is used most effectively in situations where there is a great deal of height to fully appreciate the effect of the columns of light. As a result, these fittings are great for framing doors and windows.



WL075

The narrow and intense beam of light from this fitting will enhance the texture of the surface upon which it is mounted. This product works well on uneven stone and provides plenty of contrast between areas of light and shade.



WL060

This fitting provides a diffused decorative light from its top and a broad spread of down light which will light the threshold of a doorway. This fitting will also ensure both comfort and safety are accommodated in addition to highlighting any decorative planting positioned below.



WL012

This fitting provides a broad spread of light from the diffused window design. This makes it suitable for general illumination for entrance areas.

Premium finishes

Available in a range of stylish finishes such as anodised aluminium and copper, our powerful WL220 wall lights also sport an attractive single point source LED, maximising the look and feel of the luminaires without compromising on performance. Alongside our ultra-premium solid copper finish, we've updated our range to include stainless steel 316 and anodised bronze, giving you even more choice when designing your installation.



Framing Vs feature lighting

With several styles and finishes available, we have the solution that creates the perfect lighting effect for your installation. Types of light effects to consider are:

Wall grazing



WL175A

Directional



WL220

Decorative



WL014



WL013

The up/ down wall light allows the framing of doors, windows and general architectural features. When it is interacting with brick and stone work, shadow effects can be created.



WL014

This fitting produces a different beam angle from the top compared to the bottom, leading to a more decorative lit effect.

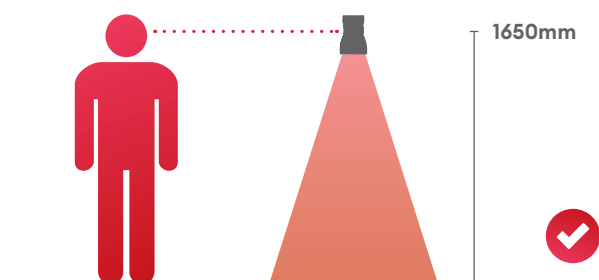


WL015

This fitting produces 1,000lm up and down, which means that the powerful output is great for illuminating tall structures.

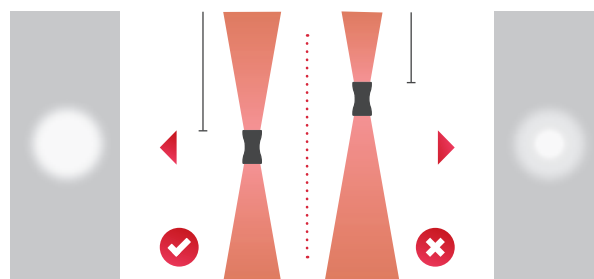
Height of wall lights

A general rule of choosing the correct height and position for wall lights is 1650mm from floor or ground level (eye level to a person of 5ft 8in height.)



Light positioning

To avoid hot spots when using up/down lights to frame doors and windows, ensure that they are not positioned too closely to the ceiling or other horizontal surfaces.



Wall Lights



5.1W



Coastal protected



IP65 ideal for outdoor environments

Guarantee

7 years

Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution.

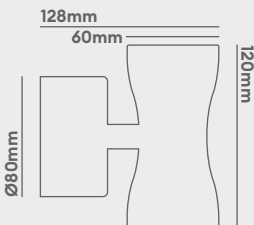
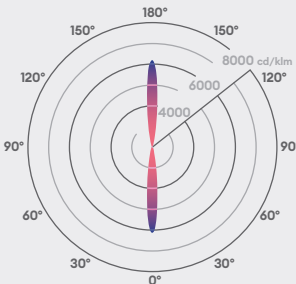
Ideal for framing entrances and illuminating columns with its bi-directional lights

Anodised Aluminium is sleek and durable

Long lifetime of 70,000hrs

Mains voltage wall light

Beam angle: 12°



WL070

Black straight to mains, high output LED wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	2
Inrush current	60A 0.037ms
Construction material	Anodised aluminium,
Suitable for coastal areas	Yes
Weight	0.9kg
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
WL070BNBM27	Black	5.1W	2700K	12°	510 / 255	100	
WL070BNBM30	Black	5.1W	3000K	12°	550 / 275	108	
WL070SNBM27	Silver	5.1W	2700K	12°	510 / 255	100	
WL070SNBM30	Silver	5.1W	3000K	12°	550 / 275	108	

Wiring information

Cable / flying lead	0.3m
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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WL220 MAINS

Straight to mains LED wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	2
Inrush current	60A 0.037ms
Construction material	Anodised aluminium, stainless steel 316, copper
Suitable for coastal areas	Yes
Weight	WL220B: 500g WL220C: 1200g WL220D: 1000g WL220Z: 500g
Maximum ambient temperature	50°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
WL220BWB27	Bronze	5.7W	2700K	40°	515	90	A E
WL220BWB30	Black	5.7W	3000K	40°	520	91	A E
WL220CWB27	Copper	5.7W	2700K	40°	515	90	A E
WL220DWB27	Stainless steel 316	5.7W	2700K	40°	515	90	A E
WL220DWB30	Stainless steel 316	5.7W	3000K	40°	520	91	A E
WL220ZWB27	Bronze	5.7W	2700K	40°	515	90	A E
WL220ZWB30	Bronze	5.7W	3000K	40°	520	91	A E

Wiring information

Cable / flying lead	0.3m
Type of wiring required	Parallel

Accessories

GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	129
GS220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	129

Wall Lights

5.7W 5.7W

Coastal protected

Adjustable LED fitting

Guarantee

7 years

Features & benefits

Straight to mains

High efficacy of 93lm/W

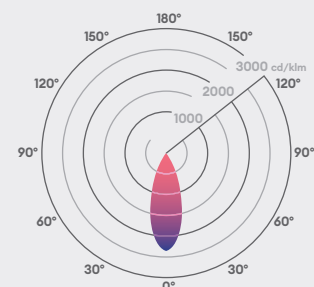
Improved look and feel with single LED

New stainless steel and anodised bronze finishes

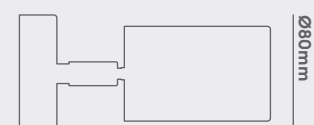
Higher light output than predecessor

Tilts 90° and Rotates 330°

Beam angle: 40°



145mm



Wall Lights



5.7W



Coastal protected



IP65 ideal for outdoor environments

Guarantee

7 years

Features & benefits

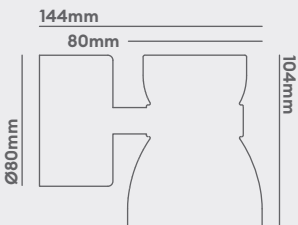
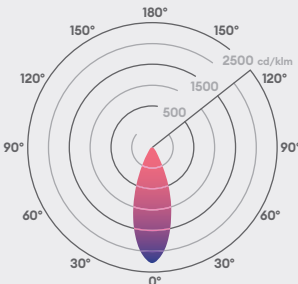
Single LED and lens combination for maximum efficiency and optimal light distribution.

Straight to mains wall light, perfect for framing entrances and illuminating columns

Anodised Aluminium is sleek and durable

Long lifetime of 70,000hrs

Beam angle: 110°



WL075

Black straight to mains, high output LED wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	2
Inrush current	60A 0.037ms
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	1.2kg
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
WL075BNBM27	Black	5.7W	2700K	110°	515	90	A E
WL075BNBM30	Black	5.7W	3000K	110°	520	91	A E
WL075SNBM27	Silver	5.7W	2700K	110°	515	90	A E
WL075SNBM30	Silver	5.7W	3000K	110°	520	91	A E
WL075ZNBM27	Bronze	5.7W	2700K	110°	515	90	A E
WL075ZNBM30	Bronze	5.7W	3000K	110°	520	91	A E

Wiring information

Cable / flying lead	0.3m
Type of wiring required	Parallel

Accessories

N/A	No accessories required
-----	-------------------------



WL060 | WL160

Straight to mains LED halo / flood wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tiltable	No
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	2
Inrush current	9A 0.8ms
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	0.6kg
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
WL060 NW	Silver	2.6W	4000K	120°	82	32	A P
WL060 WW	Silver	2.6W	3000K	120°	58	22	A P
WL160 27	Black	2.6W	2700K	120°	56	22	A P
WL160 NW	Black	2.6W	4000K	120°	82	32	A P
WL160 WW	Black	2.6W	3000K	120°	58	22	A P

Wiring information

Cable / flying lead	0.3m
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Wall Lights

2.6W 2.6W

Coastal protected

IP65 ideal for outdoor environments

Guarantee

7 years

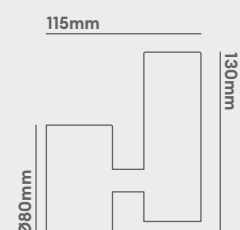
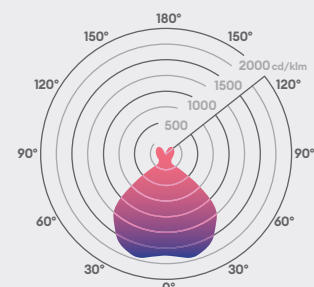
Features & benefits

Bi-directional wall light offering decorative halo effect and functional downward flood light

Complete with wall fixings and waterproof crimp connectors

Mains voltage wall light

Beam angle: 120°



Wall Lights



11W



Integral bracket for easy installation



IP54 ideal for framing doorways and entrances

Guarantee

5 years

Features & benefits

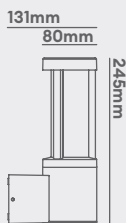
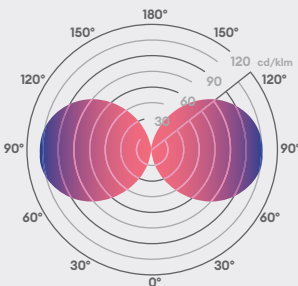
Straight to mains screw terminals

Durable powder coated aluminium in contemporary black or grey finish

Provides a good light level for safe navigation at night

Wide light distribution with 360° beam angle

Beam angle: 338°



WL012

IP54, 610lm straight to mains wall light

Features

IP rating	IP54
CSP switchable	Single CCT
Tiltable	No
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	5 SDCM

Installation information

Bathroom zone	N/A
Inrush current	20A 0.5ms
Construction material	Powder coated aluminium
Suitable for coastal areas	No
Weight	1kg
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
WL012G30	Grey RAL7022	11.0W	3000K	338°	610	55	A++
WL012X30	Black RAL9011	11.0W	3000K	338°	610	55	A++

Wiring information

Cable / flying lead	N/A
Type of wiring required	Parallel

Accessories

N/A	No accessories required
-----	-------------------------



WL013

IP65, 390lm up-down wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	6 SDCM

Installation information

Bathroom zone	N/A
Inrush current	20A 0.5ms
Construction material	Powder coated aluminium
Suitable for coastal areas	No
Weight	467g
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
WL013G30	Grey RAL7022	6.5W	3000K	107°/91°	390	60	
WL013X30	Black RAL9011	6.5W	3000K	107°/91°	390	60	

Wiring information

Cable / flying lead	N/A
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Wall Lights



6.5W



Integral bracket for easy installation



IP65 ideal for outdoor environments

Guarantee

5 years

Features & benefits

Ideal for framing doorways and entrances

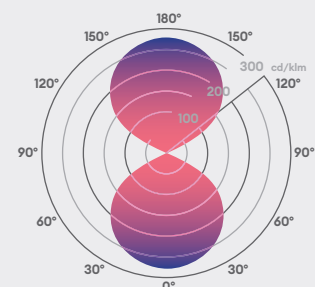
Straight to mains screw terminals

Durable powder coated aluminium in contemporary black or grey finish

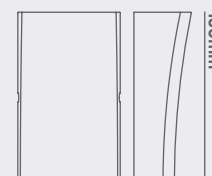
Up & down light for creating a feature of perimeters and entrances

Sleek curved design

Beam angle: 107°/91°



90mm 51.5mm 36.5mm 150mm



Wall Lights



5.7W



Integral bracket for easy installation



IP54 ideal for framing doorways and entrances

Guarantee

5 years

Features & benefits

Straight to mains screw terminals

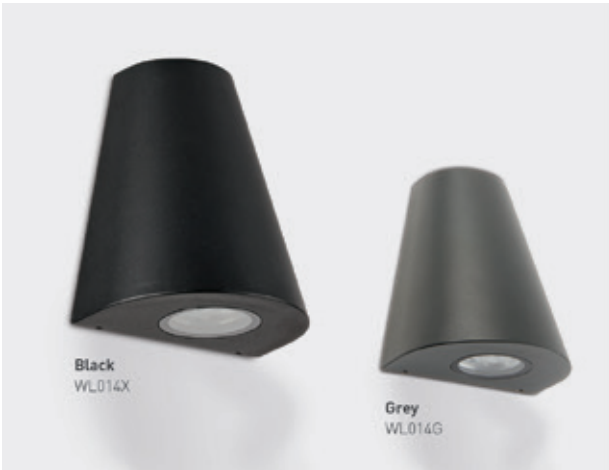
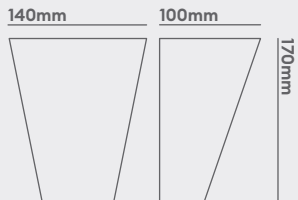
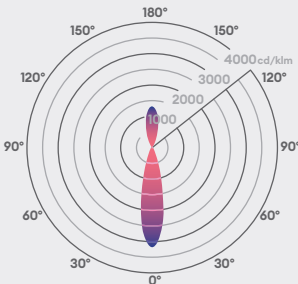
Durable powder coated aluminium in contemporary black or grey finish

Narrow upper beam and wide lower beam provides both decorative and functional light

Provides a good amount of light for safe navigation at night

Integral bracket for easy installation

Beam angle: 22°/26°



WL014

IP54, 350lm cone up-down wall light

Features

IP rating	IP54
CSP switchable	Single CCT
Tilttable	No
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	6 SDCM

Installation information

Bathroom zone	N/A
Inrush current	20A 0.5ms
Construction material	Powder coated aluminium
Suitable for coastal areas	No
Weight	750g
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
WL014G30	Grey RAL7022	5.7W	3000K	22°/26°	350	61	A++
WL014X30	Black RAL9011	5.7W	3000K	22°/26°	350	61	A++

Wiring information

Cable / flying lead	N/A
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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WL015

IP65, 1,000lm up-down wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tiltable	No
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	4 SDCM

Installation information

Bathroom zone	N/A
Inrush current	20A 0.5ms
Construction material	Powder coated aluminium
Suitable for coastal areas	No
Weight	800g
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
WL015G30	Grey RAL7022	13.0W	3000K	88°	1000	77	
WL015X30	Black RAL9011	13.0W	3000K	88°	1000	77	

Wiring information

Cable / flying lead	N/A
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Wall Lights

13W

13W



Integral bracket for easy installation

IP65

IP65 ideal for outdoor environments

Guarantee

5 years

Features & benefits

Ideal for columns and entrances

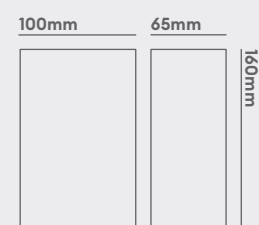
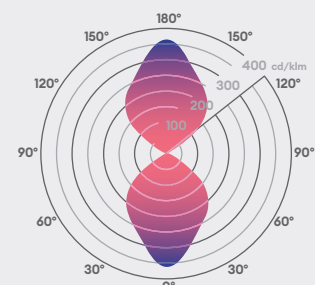
Straight to mains screw terminals

Durable powder coated aluminium in contemporary black or grey finish

Up & down light for creating a feature of perimeters and entrances

Up to 1000lm, makes this an ideal choice for columns and tall surfaces

Beam angle: 88°



Decorative lighting

Decorative wall lights are a great way to highlight architecture or illuminate entrances. The range of Collingwood wall decorative wall lights have a multitude of attractive options which are suitable for any options.

Create effects that are both modern and elegant, with various beam angles and directional of lights. Graze walls with floods of light that pick out particular features with directional lighting, or produce large blades of decorative lighting.



Decorative Lighting



Quick and easy installation with bespoke wall plug



1W



IP65 ideal for outdoor areas

Guarantee

7 years

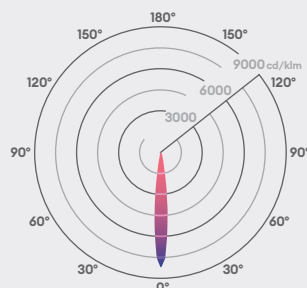
Features & benefits

Mini cube spot light for discreet accent lighting of interior and exterior spaces

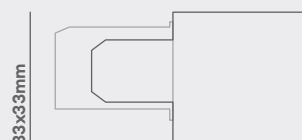
Quality brushed aluminium finish

Requires 20mm drill bit

Beam angle: 12°



33x33/29.5mm



MC010 S

Mini cube LED wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Rotatable	360°
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 20mm
Bathroom zone	1
Inrush current	N/A
Construction material	Anodised aluminium
Weight	100g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
MC010 S 27	Silver	1W	2700K	12°	53	53	A++
MC010 S WW	Silver	1W	3000K	12°	55	55	A++

Wiring information

Cable / flying lead	0.15m (0.205mm² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 9
PSIP3509W	220-240V	Yes	No	1	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	1	3 to 9

Accessories

CR135	PTFE cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
UY2 CONNECTOR	Quick waterproof connector	Sold Separately	225

Decorative Lighting



Quick and easy installation with bespoke wall plug



2W at 350mA



IP65 ideal for outdoor areas



MC020 S

Up / down mini cuboid LED wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Rotatable	360°
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 20mm
Bathroom zone	1
Inrush current	N/A
Construction material	Anodised aluminium
Weight	200g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Guarantee

7 years

Features & benefits

Bi-directional mini cube for discreet accent lighting of interior and exterior spaces

Quality brushed aluminium finish

Requires 20mm drill bit

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
MC020 S 27	Silver	2W	2700K	12°	107	54	
MC020 S WW	Silver	2W	3000K	12°	110	55	

Wiring information

Cable / flying lead	0.15m (0.205mm² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

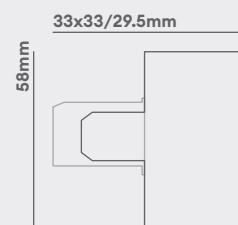
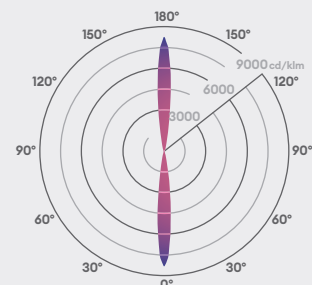
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 9
PSIP3509W	220-240V	Yes	No	1	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	1	3 to 9

Accessories

CR135	PTFE cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
UY2 CONNECTOR	Quick waterproof connector	Sold Separately	225

Beam angle: 12°



Decorative Lighting



360° wall light
perfect for various
applications



1W at 350mA



IP65 ideal for
outdoor areas

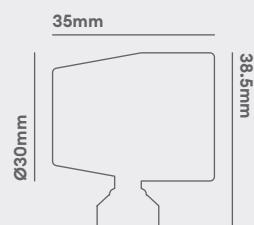
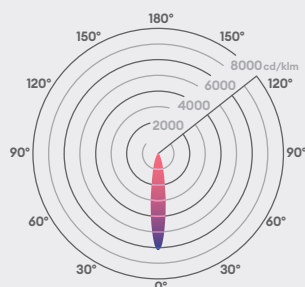
Guarantee

7 years

Features & benefits

Mini spot light for discreet
illumination

Beam angle: 16°



MF02 IP

Adjustable LED mini light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	45°
Rotatable	360°
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	N/A
Bathroom zone	1
Inrush current	N/A
Construction material	Stainless steel (316)
Weight	90g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
MF02 IP 27	Silver	1W	2700K	16°	52	52	
MF02 IP WW	Silver	1W	3000K	16°	53	53	

Wiring information

Cable / flying lead	0.15m (0.205mm² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 9
PSIP3509W	220-240V	Yes	No	1	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	1	3 to 9

Accessories

WB/M 01 / WB/M 02	Single bracket / double bracket	Sold Separately	50
CR135	PTFE cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
UY2 CONNECTOR	Quick waterproof connector	Sold Separately	225



MS02 IP

Adjustable LED mini light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	45°
Rotatable	360°
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	N/A
Bathroom zone	1
Inrush current	N/A
Construction material	Stainless steel (316)
Weight	90g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
MS02 IP WW	Silver	1W	3000K	12°	50	50	

Wiring information

Cable / flying lead	0.15m (0.205mm² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 9
PSIP3509W	220-240V	Yes	No	1	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	1	3 to 9

Accessories

WB/M 01 / WB/M 02	Single bracket / double bracket	Sold Separately	50
CR135	PTFE cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
UY2 CONNECTOR	Quick waterproof connector	Sold Separately	225

Decorative Lighting



360° wall light perfect for various applications



1W at 350mA



IP65 ideal for outdoor areas

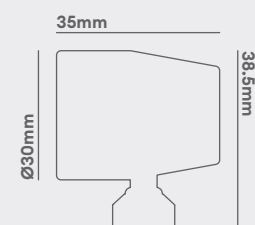
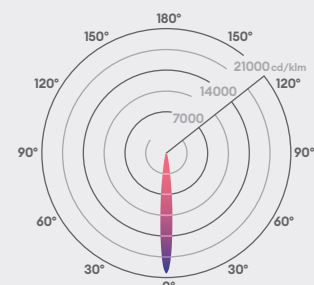
Guarantee

7 years

Features & benefits

Mounting plates available

Beam angle: 12°



MF02 IP & MS02 IP accessories

Choose the ideal bracket for your mini light

Perfect for any installation with double, single, recessed and angled brackets to choose from.

Choose the ideal accessory

	WB/M 01	WB/M 02	WB/M 02/03 DEGREE	WB/M BOX
Accessory on its own				
Accessory on product				
Construction material	Stainless steel (316)	Stainless steel (316)	Stainless steel (316)	Steel
Weight	60g	100g	100g	71.8g

Product codes

Product Code	Description	Guarantee
WB/M 01	Bracket for MF02 IP & MS02 IP	1 year extended warranty
WB/M 02	Bracket for MF02 IP & MS02 IP	1 year extended warranty
WB/M 02/03 DEGREE	Angled double bracket for MF02 IP & MS02 IP	1 year extended warranty
WB/M BOX	Back box for WB/M 02/30 DEGREE	1 year extended warranty

Compatible with

	MF02 IP Page 108	MS02 IP Page 109
WB/M 01	●	●
WB/M 02	●	●
WB/M 02/03 DEGREE	●	●
WB/M BOX	●	●



Decorative Lighting



Coastal protected



1W at 350mA



IP68 ideal for outdoor areas and extreme weather

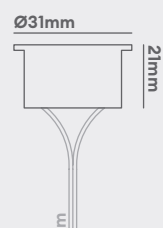
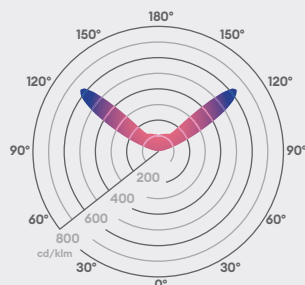
Guarantee

7 years

Features & benefits

Small & discreet decorative recessed LED light

Perfect for discreet decorative light in interior and exterior applications



ML01

Decorative LED mini light

Features

IP rating	IP68
CSP switchable	Single CCT
Tilttable	No
Rotatable	Fixed
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 26mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Weight	50g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	lm	lm/W	Energy
ML01 27	Silver	1W	2700K	3.5	3.5	
ML01 WW	Silver	1W	3000K	3.6	3	
ML01 NW	Silver	1W	4000K	4	4	

Wiring information

Cable / flying lead	1m (0.205mm ² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PSIP3509W	220-240V	Yes	No	0	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	0	3 to 9

Accessories

CR135	PTFE cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
UY2 CONNECTOR	Quick waterproof connector	Sold Separately	225

Decorative Lighting



Coastal protected



1W at 350mA



IP68 ideal for outdoor areas and extreme weather

ML02

Decorative LED mini light

Features

IP rating	IP68
CSP switchable	Single CCT
Tilttable	No
Rotatable	Fixed
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 26mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Weight	50g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Guarantee

7 years

Features & benefits

Great for guidance lighting

Small & discreet decorative LED light

Raised profile creates diffused glow effect on surrounding surface

Photometrics @ 25°C

Product code	Finish	W	CCT	lm	lm/W	Energy
ML02 27	Silver	1W	2700K	23	23	
ML02 WW	Silver	1W	3000K	24	24	
ML02 NW	Silver	1W	4000K	35	35	

Wiring information

Cable / flying lead	1m (0.205mm ² red & black PTFE)
Type of wiring required	Series

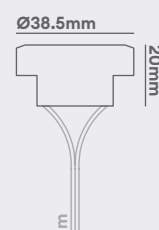
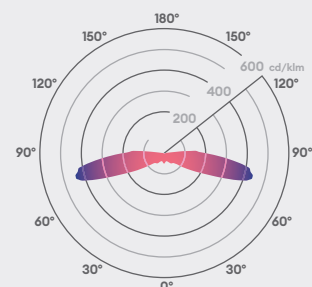
Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PSIP3509W	220-240V	Yes	No	0	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	0	3 to 9

Accessories

CR135	PTFE cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
UY2 CONNECTOR	Quick waterproof connector	Sold Separately	225



Decorative Lighting



Coastal protected



1W at 350mA



IP65 ideal for outdoor areas

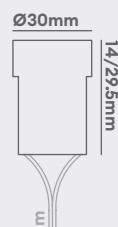
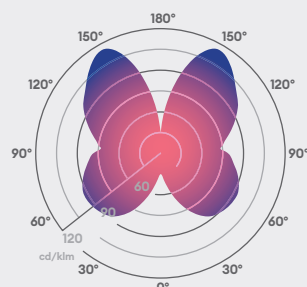
Guarantee

7 years

Features & benefits

Raised profile creates diffused glow effect on surrounding surface

Small, discreet and low glare decorative LED light



ML03

Mini halo LED wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Rotatable	Fixed
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 26mm
Bathroom zone	1
Inrush current	N/A
Construction material	Anodised aluminium
Weight	60g
Maximum ambient temperature	30°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	lm	lm/W	Energy
ML03 WW	Silver	1W	3000K	28	28	

Wiring information

Cable / flying lead	1m (0.205mm² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 9
PSIP3509W	220-240V	Yes	No	1	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	1	3 to 9

Accessories

CR135	PTFE cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
UY2 CONNECTOR	Quick waterproof connector	Sold Separately	225



WL041IP

Straight to mains, fan effect LED wall light

Features

IP rating	IP65
CSP switchable	Single CCT
Tiltable	No
Rotatable	Fixed
Dimmable option	No
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	N/A
Bathroom zone	2
Inrush current	9A 0.8ms
Construction material	Anodised aluminium
Weight	0.3kg
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	1

Photometrics @ 25°C

Product code	Finish	W	CCT	lm	lm/W	Energy
WL041 IP WW	Silver	1.6W	3000K	33	21	

Wiring information

Cable / flying lead	0.3m
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Decorative Lighting



1.6W



Coastal protected



IP65 ideal for outdoor environments

Guarantee

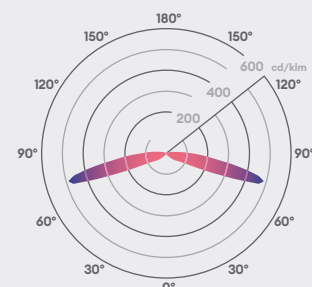
7 years

Features & benefits

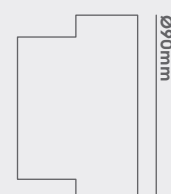
Unique radial appearance creates a decorative lit effect on surrounding surfaces

Straight to mains for easy installation

Complete with bracket and waterproof crimp connectors



60mm



Decorative Lighting



Quick and easy installation with plug and play connector



Coastal protected



IP65 ideal for outdoor areas

Guarantee

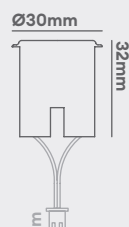
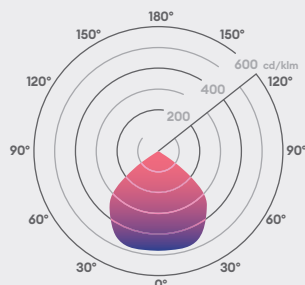
7 years

Features & benefits

Small & discreet

Ideal for decorative lighting

Beam angle: 110°



LED LYTE IP

IP rated mini LED light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Rotatable	Fixed
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 26mm
Bathroom zone	1
Inrush current	N/A
Construction material	Anodised aluminium
Weight	44g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
LED LYTE IP 27	Silver	1W	2700K	110°	58	58	
LED LYTE IP NW	Silver	1W	4000K	110°	82	82	
LED LYTE IP WW	Silver	1W	3000K	110°	63	63	

Wiring information

Cable / flying lead	1m (0.205mm² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/PP/350 1-9 (Plug & Play)	220-240V	Yes	No	1	1 to 9
PSIP3509W	220-240V	Yes	No	1	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	1	3 to 9

Accessories

LED LYTE 1M EXT	1m Plug & Play extension lead	Sold Separately
LED LYTE 6 WAY EXT	6-way 1m Plug & Play extension lead	Sold Separately
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately 225



LED LYTE IP T

IP rated threaded mini LED light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	No
Rotatable	Fixed
Dimmable option	Driver dependent
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 26mm
Bathroom zone	1
Inrush current	N/A
Construction material	Anodised aluminium
Weight	44g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
LED LYTE IPT NW	Silver	1W	4000K	110°	82	82	

Wiring information

Cable / flying lead	1m (0.205mm² red & black PTFE)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/PP/350 1-9 (Plug & Play)	220-240V	Yes	No	1	1 to 9
PSIP3509W	220-240V	Yes	No	1	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	1	3 to 9

Accessories

LED LYTE 1M EXT	1m Plug & Play extension lead	Sold Separately
LED LYTE 6 WAY EXT	6-way 1m Plug & Play extension lead	Sold Separately
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately 225

Decorative Lighting



Quick and easy installation with plug and play connector



Coastal protected



IP65 ideal for outdoor areas

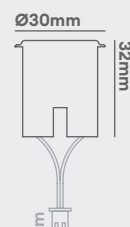
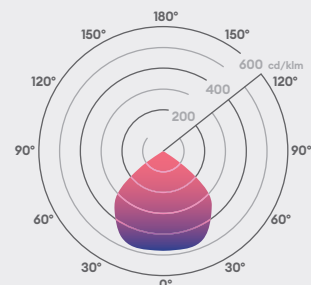
Guarantee

7 years

Features & benefits

Small & discreet

Beam angle: 110°



Step lights

Step lights fall more into the category of functional lighting, but that doesn't mean they can't be decorative. While step lights will of course improve the safety of the area, the introduction of any light can enhance the ambience and aesthetics of an area if you select the right illumination for the setting. Choose your desired effect, with low glare lighting options to reduce uncomfortable glare for anyone passing by. Using a hood over the light will reduce the amount of light spilling upwards, while asymmetric light sources direct the light downwards with no upwards glare at all.

An asymmetric beam is also perfect for illuminating wider steps, while decorative mini lights are perfect for more narrow flights. Choose between round and square fittings to achieve the best look for your scheme and for a perfect finish. As with all landscape lighting, durability is key and Collingwood Lighting's long lamp life technology and premium construction materials ensure that all step lights are built to last.



Step lighting

Functional and decorative

Step lights are the perfect solution for highlighting stairs and pathways. They are both functional and decorative whilst highlighting a potentially hazardous area in the dark.

Functional step lighting

Using lighting to highlight steps improves visual aesthetics and enhances safety, whilst adding an inviting glow to your space. Considerations should be made for maintenance and glare when positioning lighting, ensuring ultimate visual appeal and added security knowing the walkway is correctly lit.



Low glare step lighting

The purpose of step lighting is to mark or highlight a particular area. As this type of lighting serves a functional purpose, it is important that the fittings do not cause any visual discomfort from glare.

Hooded

Using a hood over the light will restrict upwards light spill. This results in low visibility of the light source from above and will prevent glare to passers-by.



Asymmetric

An asymmetric light source will direct the light downwards, ensuring the stairway is illuminated without upwards glare, without the need of a hood. Eliminating the need for a hood allows these lights to also be used as ground lights.



Decorative step lighting

Step lights can be used to enhance your landscape, to amplify your overall lighting when entertaining and for commercial exterior lighting. Linking people and spaces together, highlighting steps can make a real difference. Choose Collingwood's range of decorative step lighting which emit light from a decorative face-plate to transform your overall lighting design.



Round and square fittings

Choose between round and square fittings to achieve the ideal style for your installation.



Highlight features as ground lights

The asymmetric beam of step lights makes them great for using as a ground light that directs its light onto a feature.



Step Lights



2.6W



Coastal protected



Main voltage step light

Guarantee

7 years

Features & benefits

Recessed, asymmetric wall or ground light perfect for illuminating walls, steps and pathways

Available in rustic cast stainless steel and sleek brushed stainless steel finishes

Installation tube included



WL339

Asymmetric, straight to mains, cast finish step light

Features

IK rating	N/A
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 80mm
Bathroom zone	2
Inrush current	9A 0.8ms
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	1000g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
WL339WW	Stainless steel	2.6W	3000K	50°	50	19	A++

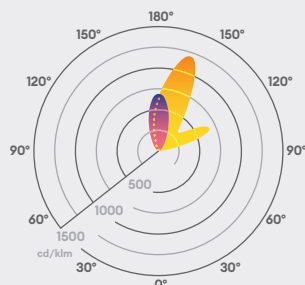
Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

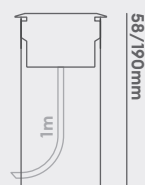
Accessories

Installation Tube	For easy ground installation	Included	111
JB5	Gel filled waterproof connector	Sold Separately	224
WC 5-9	Quick release waterproof joint	Sold Separately	224

Plane: 50° C0/C180 50° C90/C270



Ø98mm





WL340

Asymmetric, straight to mains, step light

Features

IK rating	N/A
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 80mm
Bathroom zone	2
Inrush current	9A 0.8ms
Construction material	Antique Brass
Suitable for coastal areas	Yes
Weight	1100g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
WL340AB27	Antique brass	2.6W	2700K	50°	49	19	A B
WL340ABWW	Antique brass	2.6W	3000K	50°	50	19	A F
WL340WW	Stainless steel	2.6W	3000K	50°	50	19	A F

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

Installation Tube	For easy ground installation	Included	111
JB5	Gel filled waterproof connector	Sold Separately	224
WC 5-9	Quick waterproof connector	Sold Separately	224

Step Lights



2.6W



Coastal protected



Main voltage step light

Guarantee

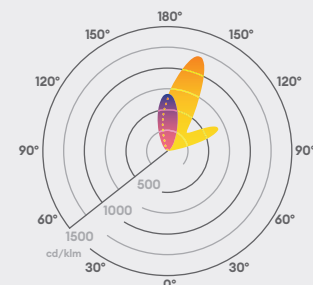
7 years

Features & benefits

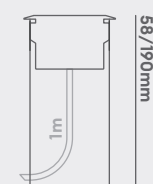
Installation tube included

Ideal for illuminating walls, steps and pathways

Plane: 50° C0/C180 50° C90/C270



Ø98mm



Step Lights



2.6W



Coastal protected



Main voltage step light

Guarantee

7 years

Features & benefits

Can be used as a wall light or ground light

Installation tube included

1m H05RN-F rubber cable attached for permanent use outdoors



WL341

Asymmetric, straight to mains, cast finish step light

Features

IK rating	N/A
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 80mm
Bathroom zone	2
Inrush current	9A 0.8ms
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	1000g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	⤴	lm	lm/W	Energy
WL341WW	Stainless steel	2.6W	3000K	50°	50	19	

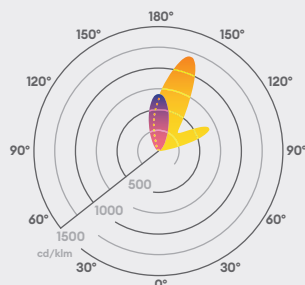
Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

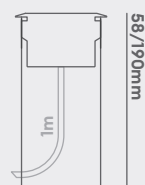
Accessories

Installation Tube	For easy ground installation	Included	111
JB5	Gel filled waterproof connector	Sold Separately	224
WC 5-9	Quick release waterproof joint	Sold Separately	224

Plane: 50° C0/C180 50° C90/C270



98x98mm





WL342

Asymmetric, straight to mains, brush finish step light

Features

IK rating	N/A
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 80mm
Bathroom zone	2
Inrush current	9A 0.8ms
Construction material	Stainless steel (316) antique brass
Suitable for coastal areas	Yes
Weight	1.2Kg
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
WL342AB27	Antique brass	2.6W	2700K	50°	49	19	
WL342AB30	Antique brass	2.6W	3000K	50°	50	19	
WL342WW	Stainless steel	2.6W	3000K	50°	50	19	

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

Installation Tube	For easy ground installation	Included	111
JB5	Gel filled waterproof connector	Sold Separately	224
WC 5-9	Quick release waterproof joint	Sold Separately	224

Step Lights



2.6W



Coastal protected



Main voltage step light

Guarantee

7 years

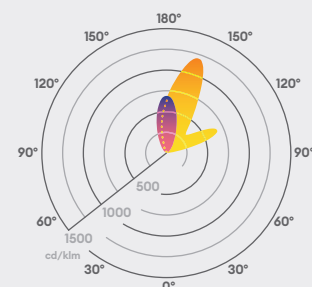
Features & benefits

Can be used as a wall light or ground light

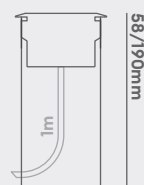
Installation tube included

1m H05RN-F rubber cable attached for permanent use outdoors

Plane: 50° C0/C180 50° C90/C270



98x98mm



Step Lights

1W 1W at 350mA

Coastal protected

Low voltage groundlight

Guarantee

7 years

Features & benefits

Angled light, ideal for use as a step light

Robust cable for outdoor use

Brushed stainless steel for sleek effect



GL021

30° slotted LED ground / step light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	400g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL021 27	Stainless steel	1W	2700K	30°	8	8	A P
GL021 WW	Stainless steel	1W	3000K	30°	8	8	A P
GL021 NW	Stainless steel	1W	4000K	30°	10	10	A P

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

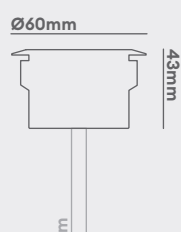
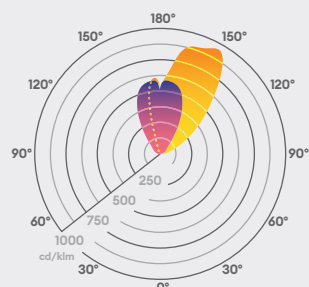
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PSIP3509W	220-240V	Yes	No	0	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	0	3 to 9

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/50	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Beam angle: C0/C180 C90/C270





GL022

Square 30° slotted LED ground / step light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	400g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL022 27	Stainless steel	1W	2700K	30°	8	8	
GL022 WW	Stainless steel	1W	3000K	30°	8	8	
GL022 NW	Stainless steel	1W	4000K	30°	10	10	

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PSIP3509W	220-240V	Yes	No	0	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	0	3 to 9

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/50	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Step Lights



1W at 350mA



Coastal protected



Low voltage groundlight

Guarantee

7 years

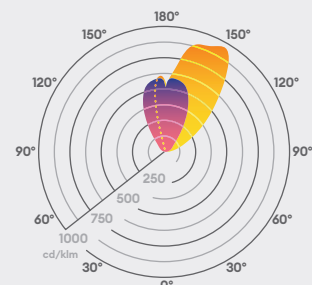
Features & benefits

Angled light, ideal for use as a step light

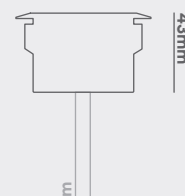
Robust cable for outdoor use

Brushed stainless steel for sleek effect

Beam angle: C0/C180 C90/C270



60x60mm



Step Lights

2.9W 2.9W

Coastal protected

AC Main voltage ground light

Guarantee

7 years

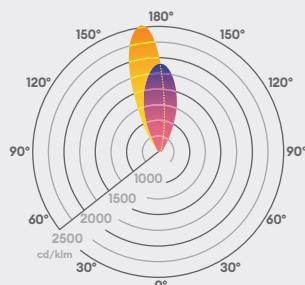
Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution.

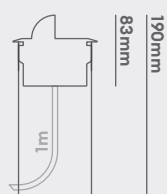
Marine grade stainless steel 317

Long lifetime of 70,000hrs

Beam angle: 40°



Ø98mm



GL034

Hooded LED ground light

Features

IK rating	IK08
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 80-85mm
Bathroom zone	2
Inrush current	60A 0.037ms
Construction material	Stainless steel 316 (top) / aluminium (body)
Suitable for coastal areas	Yes
Weight	724g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
GL034DWBM27	Stainless steel	2.9W	2700K	40°	170	59	A E
GL034DWBM30	Stainless steel	2.9W	3000K	40°	180	62	A E
GL034DWBM40	Stainless steel	2.9W	4000K	40°	190	66	A D

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

Installation tube	For easy ground installation	Included	111
JB5	Gel filled waterproof connector	Sold Separately	224
WC 5-9	Quick release waterproof joint	Sold Separately	224



GL019 Eyelid

Asymmetric beam angle with zero upward light spill

Features

IK rating	N/A
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	No
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	120g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL019E27BL	Black	2700K	50°	1W	31	31	2W	3.3	28	1.5
GL019E30BL	Black	3000K	50°	1W	36	36	2W	3.8	32	1.5
GL019E27SS	Stainless steel	2700K	50°	1W	36	36	2W	5	31	1.5
GL019E30SS	Stainless steel	3000K	50°	1W	41	41	2W	6	36	1.5

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Step Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage step light

Guarantee

7 years

Features & benefits

Asymmetric beam angle

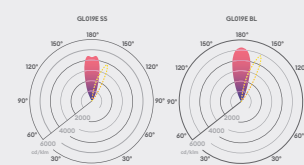
0% upward light spill

Recess into a wall, floor or ceiling

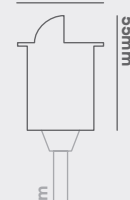
Suitable for indoor and outdoor use

33mm cut-out size

Beam angle: 50°



Ø40mm



Ground lights

Ground lights form an integral part of any successful landscape lighting design and are a great starting point in transforming your dark and uninspiring outdoor area into a warm and interesting space. The versatile Collingwood ground light range can be used throughout your entire design, with specific features to suit different purposes. Constructed from 316 stainless steel, there are versions for drives, pathways and all can be subjected to the harshest of environments.

You can even fully submerge the IP68-rated fittings in water for lighting ponds and water features. Collingwood's patented anti-siphon technology gives added protection against water ingress.

It's not just the fitting you can adapt, you can also choose the style of illumination you want, whether it's for picking out a feature, creating ambience or lighting the way. High, mid and low-power luminaires provide the ideal illumination for every scenario, from enormous trees, to buildings, facades and low-level plantings. For areas of high traffic where you need to provide functional, yet comfortable lighting, choose baffled technology, special honeycomb effect or frosted glass low glare options. With a 70,000-hour life span, the Collingwood ground lights are built to last for a truly fit and forget solution.



Ground lights

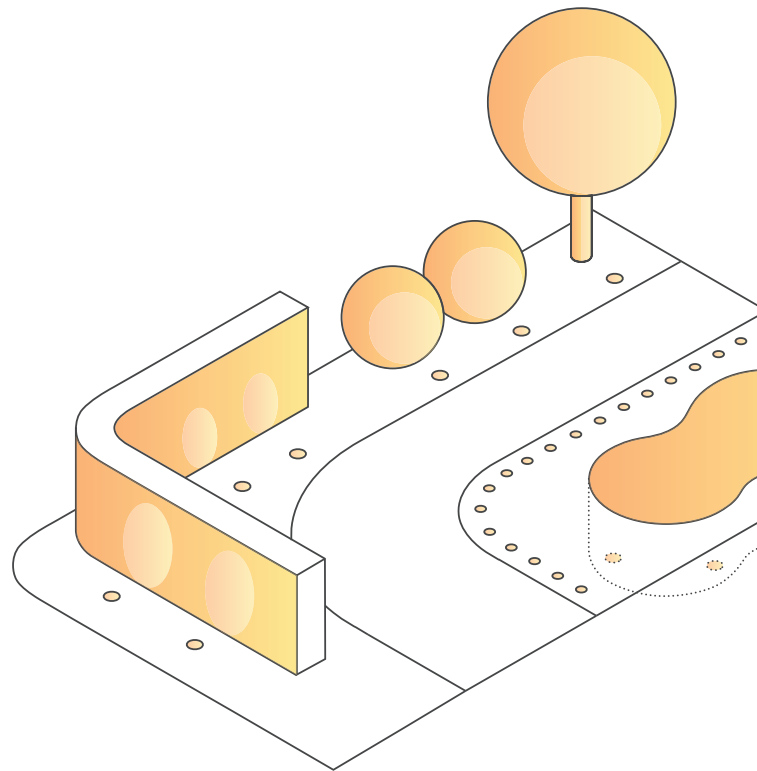
Highlighting features inside and out

Using ground lights in any light design can transform your space from dark and uninspiring to a perfectly illuminated space to suit any requirement.

What type of ground light?

We offer the ideal ground light for every installation

- 1 High power ground light**
Powerful in output and large in scale, these fittings are ideal for illuminating tall trees and the façades of taller buildings.
- 2 Mid power ground light**
Choose these to light smaller façades, trees, shrubs and garden walls. These fittings can also be used inside large scale buildings to highlight architectural features.
- 3 Low power ground light**
Ideal for uplighting domestic façades and for use on wide steps and terraces with low level planting, these fittings can also be used inside to highlight architectural features. They can also be recessed into ceilings to provide small downlight options in display cases, alcoves or in showers.
- 4 Low glare ground light**
These fittings are ideal for use indoors or near terraces, seating areas and along pathways where people pass nearby.
- 5 Marker light**
Providing a subtle, diffused glow of light, these fittings are ideal for steps, pathways, driveways and car parks.
- 6 Underwater lighting**
IP68 and tested to 9m submersion.

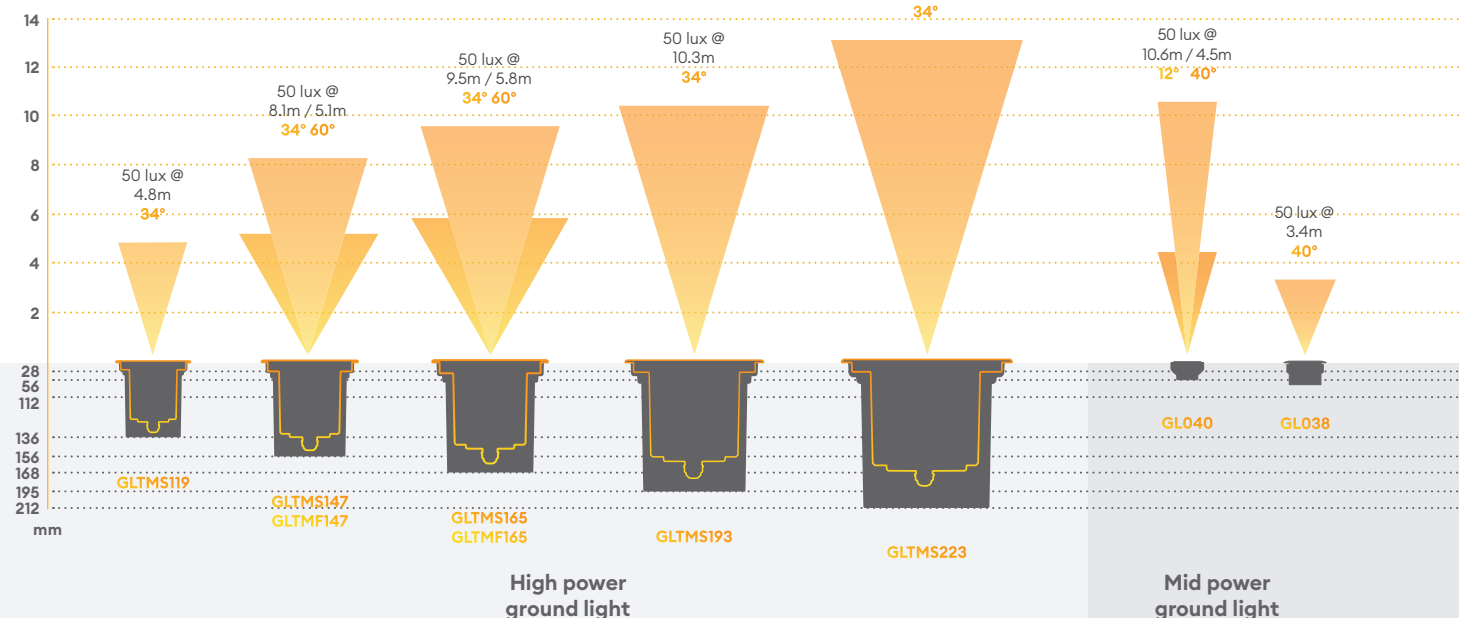


Choose the ideal size and output

50lux @ m
(3000K)

50 lux @
13.1m
34°

50lux @ m
(4000K)



Tilt ground light adjustable light module

Our Tilt ground light has the flexibility to turn the dial to adjust beam angle direction by $\pm 25^\circ$



Patented underwater technology

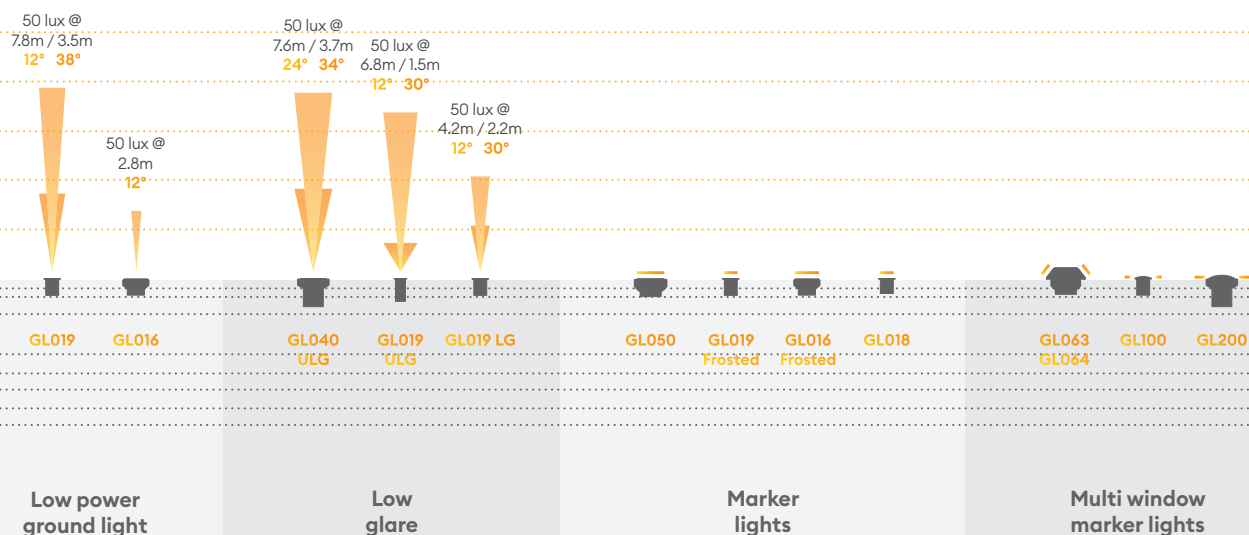
IP68 rated ground lights are completely air tight and can be used under water.

Our low voltage ground lights utilise patented technology, unique to Collingwood, the anti syphon bung prevents water ingress when submerged, from where the cable enters the product.



Fitting guide

Product Code	Cut-out	Depth	Depth with tube
GLTMS119	119mm	129mm	136mm
GLTMF147 GLTMS147	147mm	156mm	168mm
GLTMF165 GLTMS165	165mm	250mm	278mm
GLTMS193	193mm	175mm	195mm
GLTMS223	223mm	183mm	212mm
GL016 Range	50mm	60mm	150mm
GL018 Range	28mm	50mm	N/A
GL019 Range	33mm	60mm	150mm
GL019 ULG	33mm	90mm	150mm
GL038	80-85mm	60mm	190mm
GL040	65mm	60mm	150mm
GL040 ULG	65mm	110mm	150mm
GL050	65mm	60mm	150mm
GL063 / GL064	55mm	60mm	150mm
GL100	33mm	60mm	150mm
GL200	65mm	80mm	150mm



Ground Lights

IP67

IP67 for complete protection against ingress of dust and water

IK08

IK08 for protection against high impact



Suitable for coastal applications

Guarantee

5 years

Features & benefits

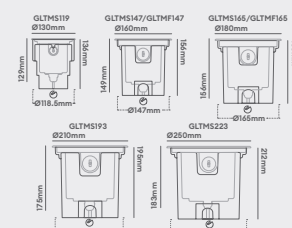
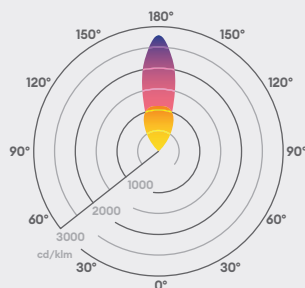
Tilt angle of luminaire is adjustable, just turn knob to tilt the light distribution up to 25 degrees

Static loading capacity is 2000kg

Pre-wired with 1 meter of cable to aid the installer

DALI-2 dimmable and RGBW options also available

Beam angle: 34° 60°



Tilt Adjustable Ground Light

Straight to Mains, TRIAC mains dimmable

Features

IK rating	GLTM_11: IK08; GLTM_14: IK08; GLTM_16: IK10; GLTM_19: IK10; GLTM_22: IK10
IP rating	IP67
CSP switchable	Single CCT
Walk over / Drive over	Drive over (15mph maximum)
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	119/147/165/193/223mm
Bathroom zone	2
Inrush current	GLTM_11: 0.5A 0.4ms, GLTM_14: 0.6A 0.4ms, GLTM_16: 0.45A 0.5ms, GLTM_19: 0.55A 0.5ms, GLTM_22: 0.55A 0.5ms
Construction material	Anodised aluminium body, 316 SS bezel
Suitable for coastal areas	Yes
Weight	GLTM_11: 0.99kg, GLTM_14: 1.56kg, GLTM_16: 2.03kg, GLTM_19: 3.26kg, GLTM_22: 3.98kg
Maximum ambient temperature	-25°C to 40°C
SELV	N/A
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Type	Finish	W	CCT	Beam angle	lm	lm/W	Energy
GLTMS119T30	Ø119mm cut-out	Stainless steel 316	6W	3000K	34°	450	75	
GLTMS147T30	Ø147mm cut-out	Stainless steel 316	12W	3000K	34°	1200	100	
GLTMS165T30	Ø165mm cut-out	Stainless steel 316	18W	3000K	34°	1600	89	
GLTMS193T30	Ø193mm cut-out	Stainless steel 316	23W	3000K	34°	2300	100	
GLTMS223T30	Ø223mm cut-out	Stainless steel 316	30W	3000K	34°	3300	100	
GLTMF147T30	Ø147mm cut-out	Stainless steel 316	12W	3000K	60°	1200	100	
GLTMF165T30	Ø165mm cut-out	Stainless steel 316	18W	3000K	60°	1600	89	

Wiring information

Cable / flying lead	Pre-wired 1.0M H05RN-F, 3x1.0mm ²
Type of wiring required	Parallel

Accessories

DM298FP	Faceplate rotary mains dimmer	Sold Separately
DM298GRID	Grid rotary mains dimmer	Sold Separately
JB5	Gel filled waterproof connector	Sold Separately

224



Ground Lights



2.2W at 350mA or
4.6W at 700mA



Coastal protected



Low voltage ground
light

Guarantee

7 years

Features & benefits

Single LED and lens combination
for maximum efficiency and light
distribution.

Marine grade stainless steel 316

Long lifetime of 70,000hrs



GL040 Stainless Steel

Up to 4.6W, 530lm ground light

Features

IK rating	IK08
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	720g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL040DNBX27	Stainless steel 316	2700K	12°	2.2W	310	132	4.6W	5499	112	
GL040DNBX30	Stainless steel 316	3000K	12°	2.2W	290	136	4.6W	5552	113	
GL040DNBX40	Stainless steel 316	4000K	12°	2.2W	300	141	4.6W	5659	115	
GL040DWBX27	Stainless steel 316	2700K	40°	2.2W	290	290	4.6W	998	515	
GL040DWBX30	Stainless steel 316	3000K	40°	2.2W	290	132	4.6W	1008	112	
GL040DWBX40	Stainless steel 316	4000K	40°	2.2W	300	141	4.6W	1027	115	

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

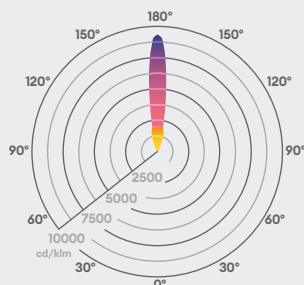
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 4
PLU/700 3-9	220-240V	Yes	No	0	1 to 4
PSIP70018W	220-240V	Yes	No	0	1 to 3

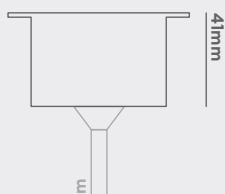
Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
GLA01	Square transformer plate	Sold Separately	111

Beam angle: 12° 40°



Ø76mm





GL040 Antique Brass

2W, 215lm ground light

Features

IK rating	IK08
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	0
Inrush current	N/A
Construction material	Brass
Suitable for coastal areas	Yes
Weight	0.6
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL040ANBX27	Antique brass	2700K	12°	2.2W	290	132	4.6W	5499	112	1 E
GL040ANBX30	Antique brass	3000K	12°	2.2W	300	136	4.6W	5552	113	1 E
GL040AWBX27	Antique brass	2700K	40°	2.2W	290	132	4.6W	998	112	1 E
GL040AWBX30	Antique brass	3000K	40°	2.2W	300	136	4.6W	1008	113	1 E

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 4
PLU/700 3-9	220-240V	Yes	No	0	1 to 4
PSIP70018W	220-240V	Yes	No	0	1 to 3

Accessories

JB2 / JB4 / JB6	IP68 Boxes	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights

- 2.2W** 2.2W at 350mA or 4.6W at 700mA
- Baffled for low glare and visual comfort**
- DC** Low voltage ground light

Guarantee

7 years

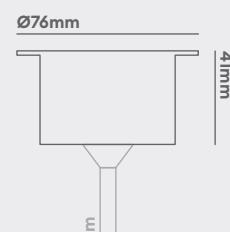
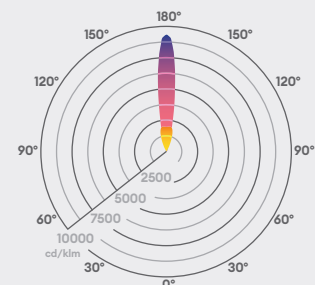
Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution

Marine grade stainless steel 316 or antique brass

Long lifetime of 70,000hrs

Beam angle: 12° 40°



Ground Lights

2W 2W at 350mA

Baffled for low glare and visual comfort

DC Low voltage ground light

Guarantee

7 years

Features & benefits

Perfect for both interior and exterior applications

Compliments environments with ultra low glare up-lighting effect
marine-grade stainless steel 316



GL040 Ultra low glare Stainless Steel

2W, 215lm ground light

Features

IK rating	IK08
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	1
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	818g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL040DNBL27	Stainless steel	2W	2700K	12°	200	100	A E
GL040DNBL30	Stainless steel	2W	3000K	12°	208	104	A E
GL040DNBL40	Stainless steel	2W	4000K	12°	215	108	A D
GL040DMBL27	Stainless steel	2W	2700K	34°	200	100	A E
GL040DMBL30	Stainless steel	2W	3000K	34°	208	104	A E
GL040DMBL40	Stainless steel	2W	4000K	34°	215	108	A D

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

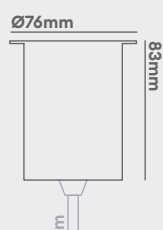
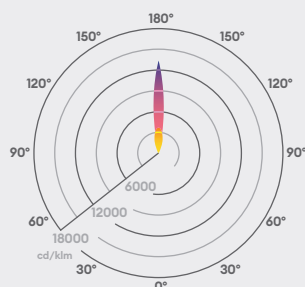
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 4
PSIP3509W	220-240V	Yes	No	0	1 to 4
PSMD35039	220-240V	Yes	Yes (mains)	0	2 to 4

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
GLA01	Square transformer plate	Sold Separately	111

Beam angle: 12° 34°





GL040 Ultra low glare Antique Brass

2W, 215lm ground light

Features

IK rating	IK08
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	1
Inrush current	N/A
Construction material	Brass
Suitable for coastal areas	Yes
Weight	0.7
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL040ANBL27	Antique brass	2W	2700K	12°	200	100	
GL040ANBL30	Antique brass	2W	3000K	12°	208	104	
GL040AMBL27	Antique brass	2W	2700K	34°	200	100	
GL040AMBL30	Antique brass	2W	3000K	34°	208	104	

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 4
PSIP3509W	220-240V	Yes	No	0	1 to 4
PSMD35039	220-240V	Yes	Yes (mains)	0	2 to 4

Accessories

JB2 / JB4 / JB6	IP68 Boxes	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



2W at 350mA



Baffled for low glare and visual comfort



Low voltage ground light

Guarantee

7 years

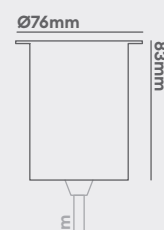
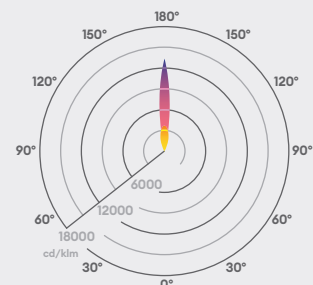
Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution

Marine grade stainless steel 316 or antique brass

Long lifetime of 70,000hrs

Beam angle: 12° 34°



Ground Lights



2.9W at 350mA or
6W at 700mA



Coastal protected



Mains voltage
groundlight

Guarantee

7 years

Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution

Marine grade stainless steel 316 or antique brass

Long lifetime of 70,000hrs



GL038 Stainless Steel

2.9W, 300lm ground light

Features

IK rating	IK08
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 80-85mm
Bathroom zone	2
Inrush current	60A 0.037ms
Construction material	Stainless steel 316 (top) / aluminium (body)
Suitable for coastal areas	Yes
Weight	696g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
GL038DWBM27	Stainless steel 316	2.9W	2700K	40°	280	96	A++
GL038DWBM30	Stainless steel 316	2.9W	3000K	40°	290	100	A++
GL038DWBM40	Stainless steel 316	2.9W	4000K	40°	300	103	A++

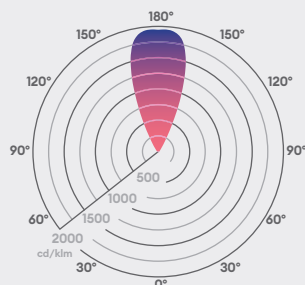
Wiring information

Cable / flying lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

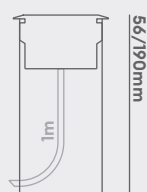
Accessories

Installation Tube	For easy ground installation	Included	111
JB5	Gel filled waterproof connector	Sold Separately	224
WC 5-9	Quick waterproof connector	Sold Separately	224

Beam angle: 40°



Ø98mm





GL038 Antique Brass

2.9W, 300lm ground light

Features

IK rating	IK08
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 80-85mm
Bathroom zone	2
Inrush current	9A 0.8ms
Construction material	Brass
Suitable for coastal areas	Yes
Weight	0.754
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL038AWBM27	Antique brass	2.9W	2700K	40°	280	96	
GL038AWBM30	Antique brass	2.9W	3000K	40°	290	100	

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

Installation Tube	For easy ground installation	Included	111
JB5	Gel filled waterproof connector	Sold Separately	224
WC 5-9	Quick waterproof connector	Sold Separately	224

Ground Lights



2.9W at 350mA or
6W at 700mA



Coastal protected



Mains voltage
groundlight

Guarantee

7 years

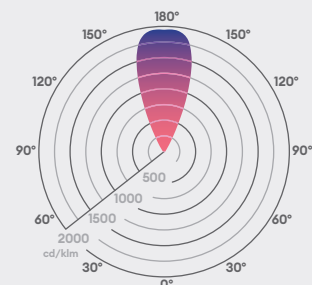
Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution

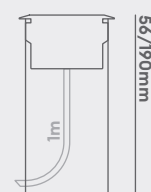
Marine grade stainless steel 316 or antique brass

Long lifetime of 70,000hrs

Beam angle: 40°



Ø98mm







GL019 Stainless Steel

Up to 2W, 180lm mini ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	204g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL019 F 27	Stainless steel	2700K	38°	1W	80	80	2W	463	65	1A F
GL019 F WW	Stainless steel	3000K	38°	1W	90	90	2W	534	75	1A F
GL019 F NW	Stainless steel	4000K	38°	1W	100	100	2W	641	90	1A F
GL019 F AMBER	Stainless steel	Amber	38°	1W	20	20	2W	-	-	Exempt
GL019 F BLUE	Stainless steel	Blue	38°	1W	15	15	2W	110	13	Exempt
GL019 F RED	Stainless steel	Red	38°	1W	35	35	2W	-	-	Exempt
GL019 S 27	Stainless steel	2700K	12°	1W	80	80	2W	2229	65	1A F
GL019 S NW	Stainless steel	4000K	12°	1W	100	100	2W	3087	90	1A F
GL019 S WW	Stainless steel	3000K	12°	1W	90	90	2W	2572	75	1A F

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB1 / JB5 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

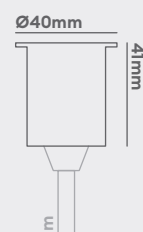
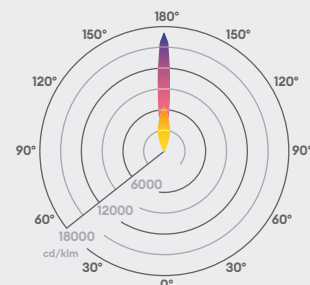
Features & benefits

Compact yet powerful fitting

Shallow depth for easy installation

Robust cable for outdoor use

Beam angle: 12° 38°



Ground Lights



1W at 350mA or
700mA



Coastal protected



Low voltage ground
light

Guarantee

7 years

Features & benefits

Compact yet powerful fitting
Shallow depth for easy installation
Robust cable for outdoor use
Black anodised aluminium



GL019 Black

Up to 2W, 180lm mini ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	120g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL019BNBX27	Black	2700K	12°	1W	80	80	2W	2229	65	A F
GL019BNBX30	Black	3000K	12°	1W	90	90	2W	2572	75	A F
GL019BNBX40	Black	4000K	12°	1W	100	100	2W	641	90	A F
GL019BNBXBL	Black	Blue	12°	1W	15	15	2W	509	13	Exempt
GL019BWBX27	Black	2700K	38°	1W	80	80	2W	463	65	A F
GL019BWBX30	Black	3000K	38°	1W	90	90	2W	534	75	A F
GL019BWBX40	Black	4000K	38°	1W	100	100	2W	641	90	A F
GL019BWBXBL	Black	Blue	38°	1W	15	15	2W	110	13	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

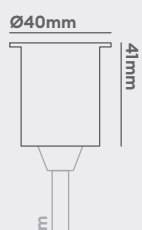
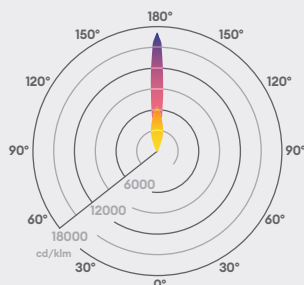
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Beam angle: 12° 38°





GL019 Antique Brass

Up to 2W, 180lm mini ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	No
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Brass
Suitable for coastal areas	Yes
Weight	0,22l
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL019ANBX27	Antique brass	2700K	12°	1W	80	80	2W	2229	65	100%
GL019ANBX30	Antique brass	3000K	12°	1W	90	90	2W	2572	75	100%
GL019AWBX27	Antique brass	2700K	38°	1W	80	80	2W	463	65	100%
GL019AWBX30	Antique brass	3000K	38°	1W	90	90	2W	534	75	100%

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 Boxes	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 700mA



Coastal protected



Low voltage ground light

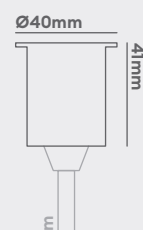
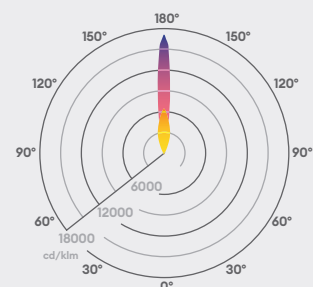
Guarantee

7 years

Features & benefits

Compact yet powerful fitting
Shallow depth for easy installation
Robust cable for outdoor use

Beam angle: 12°



Ground Lights

1W 1W at 350mA

Baffled for low glare and visual comfort

Low voltage ground light

Guarantee

7 years

Features & benefits

Perfect for both interior and exterior applications

Compliments environments with ultra low glare up-lighting effect

Marine-grade stainless steel 316 or Brass



GL019 Ultra low glare

1W, 78lm mini ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	<10
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	260g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL019DMBL27	Stainless steel	1W	2700K	30°	60	60	A P
GL019DMBL30	Stainless steel	1W	3000K	30°	64	64	A P
GL019DNBL27	Stainless steel	1W	2700K	12°	70	70	A P
GL019DNBL30	Stainless steel	1W	3000K	12°	74	74	A P
GL019DNBL40	Stainless steel	1W	4000K	12°	78	78	A P
GL019BNBL40	Black	1W	4000K	12°	78	78	A P

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

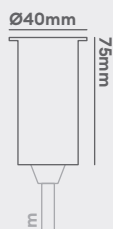
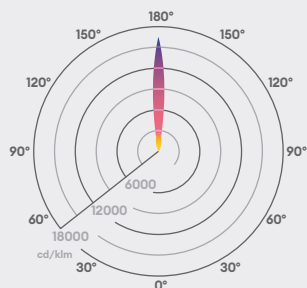
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PSIP3509W	220-240V	Yes	No	0	1 to 8
PSMD35039	220-240V	Yes	Yes (mains)	0	3 to 9

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Beam angle: 12° 30°





GL019 LG

1W, 65lm mini low glare ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	204g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL019LGF27	Stainless steel 316	1W	2700K	30°	53	53	A P
GL019LGFWW	Stainless steel 316	1W	3000K	30°	55	55	A P
GL019LGFNW	Stainless steel 316	1W	4000K	30°	65	65	A P
GL019LGS27	Stainless steel 316	1W	2700K	12°	53	53	A P
GL019LGSWW	Stainless steel 316	1W	3000K	12°	55	55	A P
GL019LGSNW	Stainless steel 316	1W	4000K	12°	65	65	A P

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 700mA



Honeycomb baffle for low glare and visual comfort



Low voltage ground light

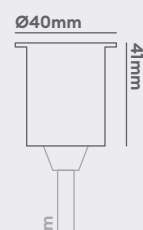
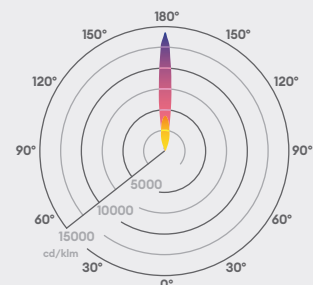
Guarantee

7 years

Features & benefits

Compact yet powerful fitting
Shallow depth for easy installation
Robust cable for outdoor use
Marine-grade stainless steel 316

Beam angle: 12° 30°



Ground Lights

- 1W** 1W at 350mA or 700mA
- Frosted effect for low glare and soft lighting**
- DC** Low voltage ground light

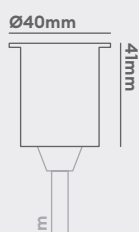
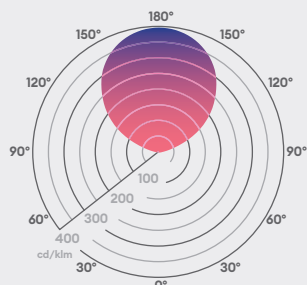
Guarantee

7 years

Features & benefits

Robust cable for outdoor use
Shallow depth for easy installation
Black anodised aluminium

Beam angle: 100°



GL019 Frosted

1W, 13lm frosted mini ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Anodised aluminium or Stainless steel (316)
Suitable for coastal areas	Yes
Weight	120g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
GL019BC0F27	Black	1W	2700K	100°	10	10	Energy class A
GL019BC0F30	Black	1W	3000K	100°	11	11	Energy class A
GL019BC0F40	Black	1W	4000K	100°	13	13	Energy class A
GL019DC0F27	Stainless steel	1W	2700K	100°	10	10	Energy class A
GL019DC0F30	Stainless steel	1W	3000K	100°	11	11	Energy class A
GL019DC0F40	Stainless steel	1W	4000K	100°	13	13	Energy class A
GL019DC0FBL	Stainless steel	1W	Blue	100°	2	2	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
WCR 275 BLACK	2 core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225



GL019 SQ

Up to 2W, 130lm square mini ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	134g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL019 SQ F WW	Stainless steel	3000K	20°	1W	80	90	2W	551	65	Exempt
GL019 SQ F NW	Stainless steel	4000K	20°	1W	90	35	2W	572	-	Exempt
GL019 SQ F BLUE	Stainless steel	Blue	20°	1W	10	90	2W	88	65	Exempt
GL019 SQ S NW	Stainless steel	4000K	12°	1W	90	90	2W	2648	65	Exempt
GL019 SQ S BLUE	Stainless steel	Blue	12°	1W	10	10	2W	407	10	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

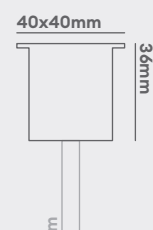
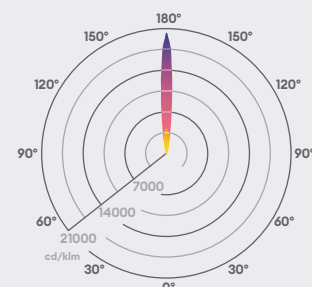
Features & benefits

Square baffle for a different decorative effect

Shallow depth for easy installation

Marine-grade stainless steel 316

Beam angle: 12° 20°



Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

Features & benefits

Robust cable for outdoor use

Shallow depth for easy installation

Marine-grade stainless steel 316



GL016 F Stainless Steel

1W, 95lm ground light

Features

IK rating	IK09
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	400g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL016 F 27	Brushed steel	2700K	26°	1W	70	70	2W	337	60	A F
GL016 F WW	Brushed steel	3000K	26°	1W	75	75	2W	379	68	A F
GL016 F NW	Brushed steel	4000K	26°	1W	95	95	2W	393	70	A F
GL016 F BLUE	Brushed steel	Blue	26°	1W	10	10	2W	56	10	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

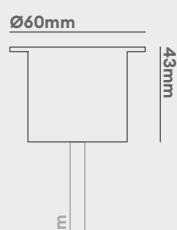
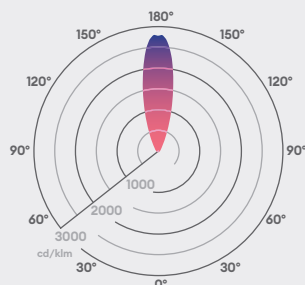
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/50	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Beam angle: 26°





GL016 F Black

1W, 95lm ground light

Features

IK rating	IK09
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	0
Inrush current	N/A
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	180g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL016BMBX27	Black	2700K	26°	1W	70	70	2W	337	60	F
GL016BMBX30	Black	3000K	26°	1W	75	75	2W	379	68	F
GL016BMBX40	Black	4000K	26°	1W	95	95	2W	393	70	F
GL016BMBXBL	Black	Blue	26°	1W	20	20	2W	56	10	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/50	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

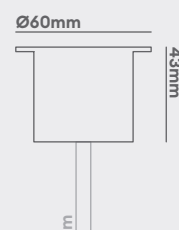
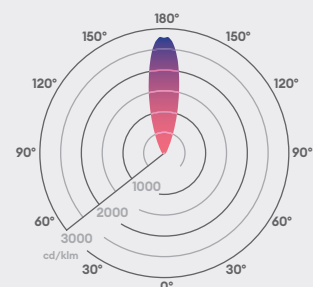
Features & benefits

Robust cable for outdoor use

Shallow depth for easy installation

Black anodised aluminium

Beam angle: 26°



Ground Lights



1W at 350mA or 2W at 700mA



Solid brass with antique effect for low glare



Low voltage ground light

Guarantee

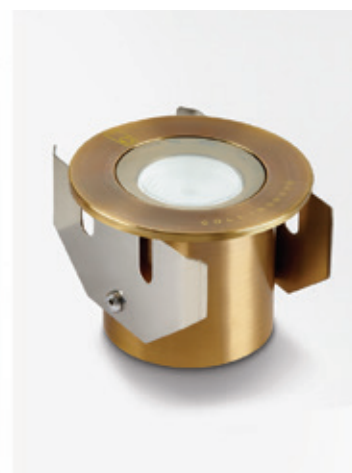
7 years

Features & benefits

Robust cable for outdoor use

Shallow depth for easy installation

Coastal protected



GL016 F AB Brass

1W, 95lm ground light

Features

IK rating	IK09
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	0
Inrush current	N/A
Construction material	Brass
Suitable for coastal areas	Yes
Weight	400g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL016 F AB 27	Brass	2700K	26°	1W	70	70	2W	337	60	111
GL016 F AB NW	Brass	4000K	26°	1W	95	95	2W	393	70	111
GL016 F AB WW	Brass	3000K	26°	1W	75	75	2W	379	68	111

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

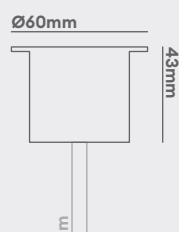
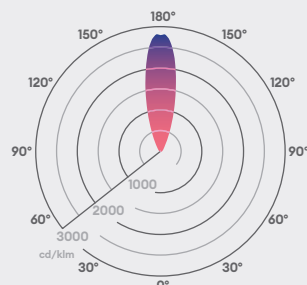
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/50	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Beam angle: 26°





GL016 Frosted

1W, 15lm ground marker light

Features

IK rating	N/A
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	0
Inrush current	N/A
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	180g
Maximum ambient temperature	50°C
SELV	Yes
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL016BC0F30	Black	1W	3000K	100°	13	13	A P
GL016BC0F40	Black	1W	4000K	100°	15	15	A P
GL016DC0F27	Stainless steel	1W	2700K	100°	12	12	A P
GL016DC0F30	Stainless steel	1W	3000K	100°	13	13	A P
GL016DC0F40	Stainless steel	1W	4000K	100°	15	15	A P

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/50	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 2W at 700mA



Frosted effect for low glare and soft lighting



Low voltage ground light

Guarantee

7 years

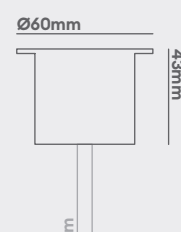
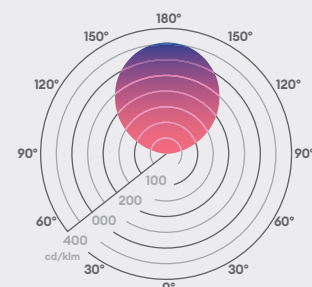
Features & benefits

Robust cable for outdoor use

Shallow depth for easy installation

Marine-grade stainless steel 316 or Black anodised aluminium

Beam angle: 100°



Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

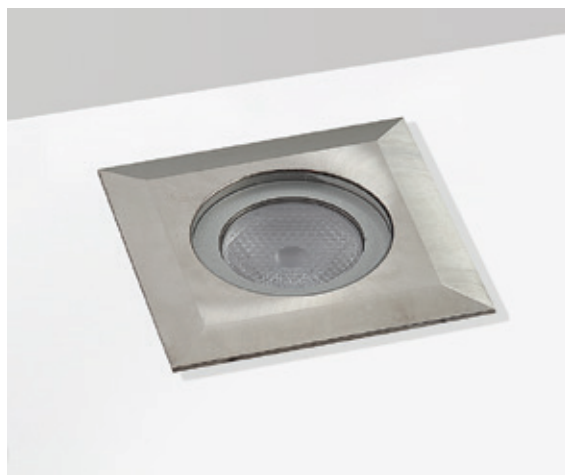
Guarantee

7 years

Features & benefits

Robust cable for outdoor use

Shallow depth for easy installation



GL016 SQ

1W, 95lm square ground light

Features

IK rating	IK09
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	400g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
GL016 SQ NW	Stainless steel	4000K	26°	1W	95	90	2W	381	65	Energy class 1
GL016 SQ WW	Stainless steel	3000K	26°	1W	75	75	2W	379	68	Energy class 1

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

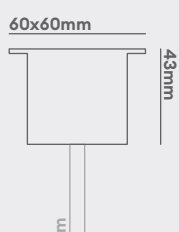
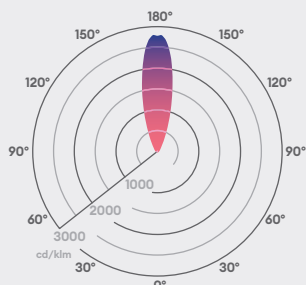
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/50	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Beam angle: 26°





Ground Lights

3W 3W at 350mA

Coastal protected

DC Low voltage ground light

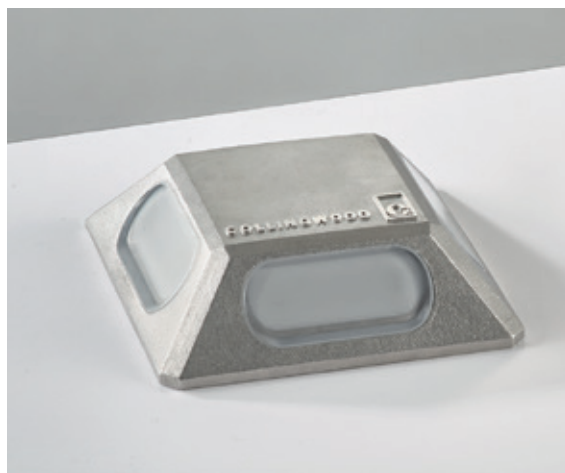
Guarantee

7 years

Features & benefits

Cast stainless steel for aged effect

Raised profile sending light in three directions



GL063

3W, 45lm 3 way ground light

Features

IK rating	IK10
IP rating	IP67
CSP switchable	Single CCT
Walk over / Drive over	No
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 55mm
Bathroom zone	1
Inrush current	N/A
Construction material	Cast stainless steel (316)
Suitable for coastal areas	Yes
Weight	1,165Kg
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	Window	W	CCT	Beam angle	lm	lm/W	Energy
GL063	Stainless steel	4 Windows	3W	3000K	45°	45	15	15

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

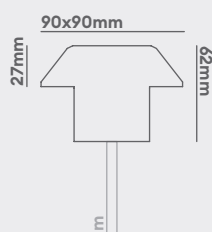
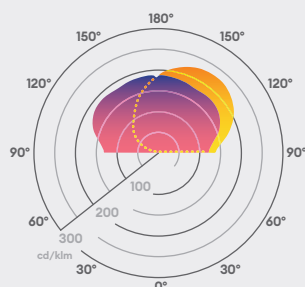
See pages 218-221 for complete LED driver offer

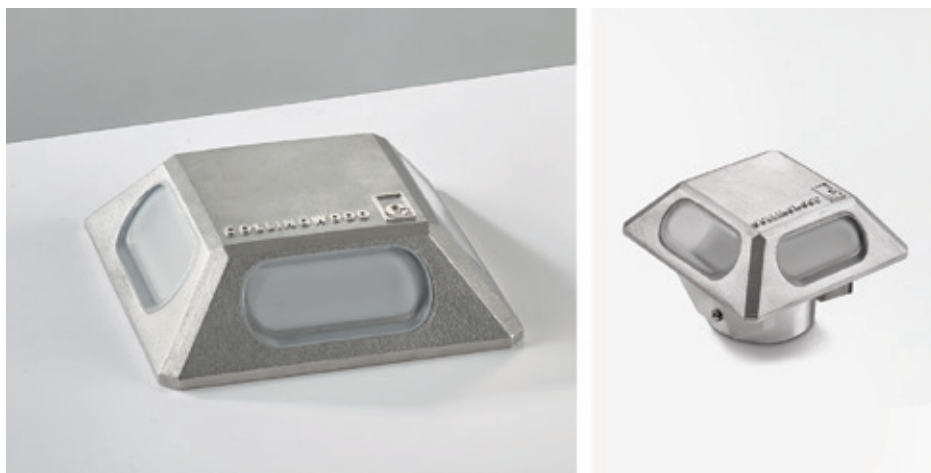
Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 3
PSIP3509W	220-240V	Yes	No	0	1 to 2
PSMD35039	220-240V	Yes	Yes (mains)	0	1 to 3

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225

Beam angle: C0/C180 C90/C270





GL064

4W, 65lm 4 way marker light

Features

IK rating	IK10
IP rating	IP67
CSP switchable	Single CCT
Walk over / Drive over	No
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 55mm
Bathroom zone	1
Inrush current	N/A
Construction material	Cast stainless steel (316)
Suitable for coastal areas	Yes
Weight	1,165Kg
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	Window	W	CCT	Im	lm/W	Energy
GL064	Stainless steel	3 Windows	4W	3000K	65	16	

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 2
PSIP3509W	220-240V	Yes	No	0	1 to 2
PSMD35039	220-240V	Yes	Yes (mains)	0	1 to 2

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/68	Installation tube	Included	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225

Ground Lights



4W at 350mA



Coastal protected



Low voltage ground light

Guarantee

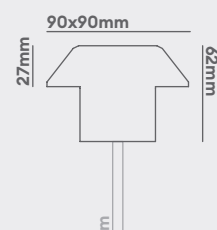
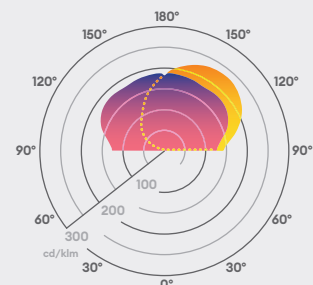
7 years

Features & benefits

Cast stainless steel for aged effect

Raised profile sending light in four directions

Beam angle: C0/C180 C90/C270



Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

Features & benefits

Walk over ground light ideal for paths or steps

Marine-grade Stainless Steel 316

IP68 rated

Long-lifetime of 70,000hrs

7-year warranty



GL100 (1-2 Windows)

Up to 2W, 14lm mini domed marker light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316) or brass
Suitable for coastal areas	Yes
Weight	221g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	Window	CCT	Beam angle	350mA			700mA			Energy
					W	lm	lm/W	W	lm	lm/W	
GL100DX1X27	Stainless steel 316	1 Window	2700K	75°	1W	2	2	2W	2	2	10.5
GL100DX1X30	Stainless steel 316	1 Window	3000K	75°	1W	2	2	2W	2	2	10.5
GL100DX1X40	Stainless steel 316	1 Window	4000K	75°	1W	3	3	2W	2	2	10.5
GL100DX2127	Stainless steel 316	2 Windows 1 Direction	2700K	75°	1W	4	4	2W	3	3	10.5
GL100DX2130	Stainless steel 316	2 Windows 1 Direction	3000K	75°	1W	4	4	2W	4	4	10.5
GL100DX2140	Stainless steel 316	2 Windows 1 Direction	4000K	75°	1W	6	6	2W	4	4	10.5
GL100DX2227	Stainless steel 316	2 Windows 2 Directions	2700K	75°	1W	4	4	2W	3	3	10.5
GL100DX2230	Stainless steel 316	2 Windows 2 Directions	3000K	75°	1W	4	4	2W	4	4	10.5
GL100DX2240	Stainless steel 316	2 Windows 2 Directions	4000K	75°	1W	6	6	2W	4	4	10.5

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

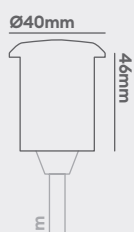
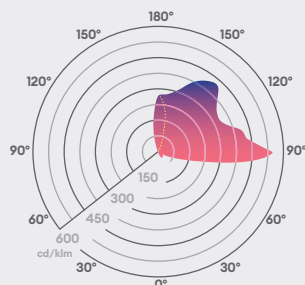
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Beam angle: C0/C180 C90/C270





GL100 (3-4 Windows)

Up to 2W, 14lm mini domed stainless steel marker light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316) or brass
Suitable for coastal areas	Yes
Weight	215g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	Window	CCT	Beam angle	350mA			700mA			Energy
					W	lm	lm/W	W	lm	lm/W	
GL100DX3X27	Stainless steel 316	3 Windows	2700K	75°	1W	6	6	2W	5	2.5	1.5
GL100DX3X30	Stainless steel 316	3 Windows	3000K	75°	1W	6	6	2W	6	3	1.5
GL100DX3X40	Stainless steel 316	3 Windows	4000K	75°	1W	9	9	2W	5	2.5	1.5
GL100DX4X27	Stainless steel 316	4 Windows	2700K	75°	1W	8	8	2W	6	3	1.5
GL100DX4X30	Stainless steel 316	4 Windows	3000K	75°	1W	8	8	2W	7	3.5	1.5
GL100DX4X40	Stainless steel 316	4 Windows	4000K	75°	1W	12	12	2W	7	3.5	1.5

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

Features & benefits

Walk over ground light ideal for paths or steps

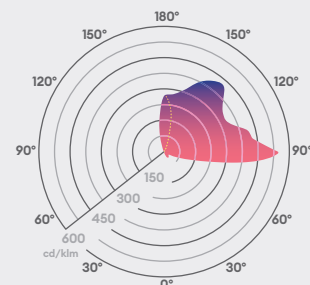
Marine-grade Stainless Steel 316

IP68 rated

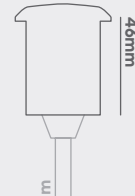
Long-lifetime of 70,000hrs

7-year warranty

Beam angle: C0/C180 C90/C270



Ø40mm



Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

Features & benefits

Walk over ground light ideal for paths or steps

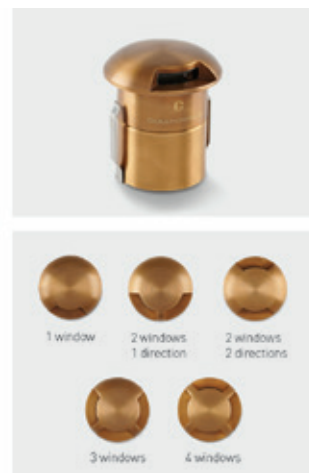
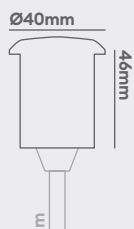
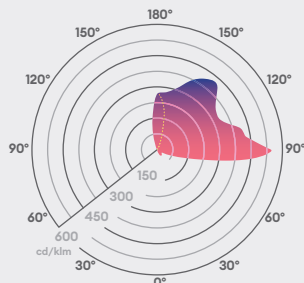
Marine grade stainless steel 316 or antique brass

IP68 rated

Long-lifetime of 70,000hrs

7-year warranty

Beam angle: C0/C180 C90/C270



GL100 (1-2 Windows)

Up to 2W, 14lm mini domed antique brass marker light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316) or brass
Suitable for coastal areas	Yes
Weight	236g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	Window	CCT	△	350mA			700mA			Energy
					W	lm	lm/W	W	lm	lm/W	
GL100AX1X27	Antique brass	1 Window	2700K	75°	1W	2	2	2W	2		
GL100AX1X30	Antique brass	1 Window	3000K	75°	1W	2	2	2W	2		
GL100AX2127	Antique brass	2 Windows 1 Direction	2700K	75°	1W	4	4	2W	3		
GL100AX2130	Antique brass	2 Windows 1 Direction	3000K	75°	1W	4	4	2W	4		
GL100AX2227	Antique brass	2 Windows 2 Direction	2700K	75°	1W	4	4	2W	3		
GL100AX2230	Antique brass	2 Windows 2 Direction	3000K	75°	1W	4	4	2W	4		

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

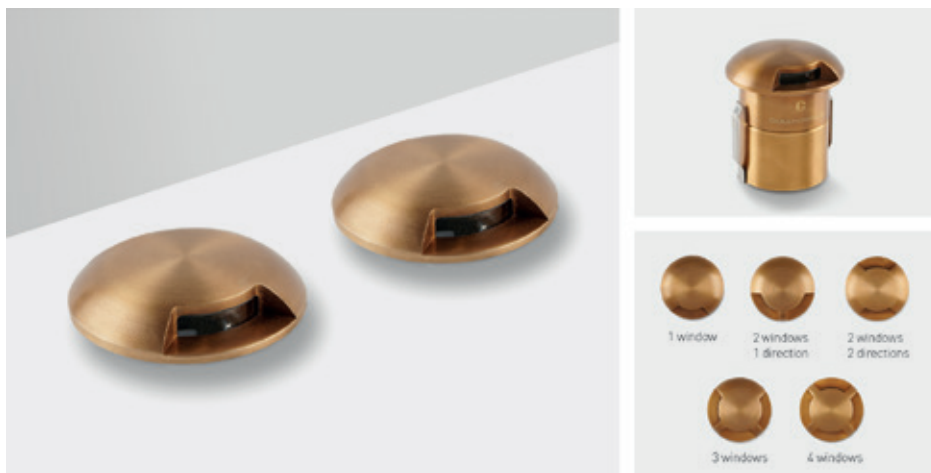
Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 Boxes	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225



GL100 (3-4 Windows)

Up to 2W, 14lm mini domed antique brass marker light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 33mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316) or brass
Suitable for coastal areas	Yes
Weight	228g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	Window	CCT	△	350mA			700mA			Energy
					W	lm	lm/W	W	lm	lm/W	
GL100AX3X27	Antique brass	3 Windows	2700K	75°	1W	6	6	2W	5		
GL100AX3X30	Antique brass	3 Windows	3000K	75°	1W	6	6	2W	6		
GL100AX4X27	Antique brass	4 Windows	2700K	75°	1W	8	8	2W	6		
GL100AX4X30	Antique brass	4 Windows	3000K	75°	1W	8	8	2W	7		

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 9
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8

Accessories

JB2 / JB4 / JB6	IP68 Boxes	Sold Separately	224
TUBE332	Installation tube	Sold Separately	111
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage ground light

Guarantee

7 years

Features & benefits

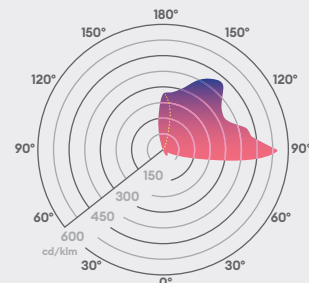
Walk over ground light ideal for paths or steps

Marine grade stainless steel 316 or antique brass

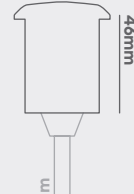
IP68 rated

Long-lifetime of 70,000hrs

Beam angle: C0/C180 C90/C270



Ø40mm



Ground Lights



5.7W



Coastal protected



Straight to mains
ground light

Guarantee

7 years

Features & benefits

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation

Drive over - suitable for use on driveways (with TUBE/68)



GL200 (1-2 Windows)

5.7W, 40lm, domed ground light

Features

IK rating	IK10
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	2
Inrush current	31A 0.12ms
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	960g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	Window	W	CCT	∠	lm	lm/W	Energy
GL200DX1X27	Stainless steel 316	1 Window	5.7W	2700K	90°	10	2	
GL200DX1X30	Stainless steel 316	1 Window	5.7W	3000K	90°	10	2	
GL200DX1X40	Stainless steel 316	1 Window	5.7W	4000K	90°	10	2	
GL200DX2127	Stainless steel 316	2 Windows 1 Direction	5.7W	2700K	90°	20	4	
GL200DX2130	Stainless steel 316	2 Windows 1 Direction	5.7W	3000K	90°	20	4	
GL200DX2140	Stainless steel 316	2 Windows 1 Direction	5.7W	4000K	90°	20	4	
GL200DX2227	Stainless steel 316	2 Windows 2 Directions	5.7W	2700K	90°	20	4	
GL200DX2230	Stainless steel 316	2 Windows 2 Directions	5.7W	3000K	90°	20	4	
GL200DX2240	Stainless steel 316	2 Windows 2 Directions	5.7W	4000K	90°	20	4	

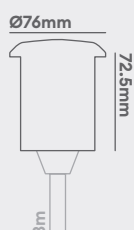
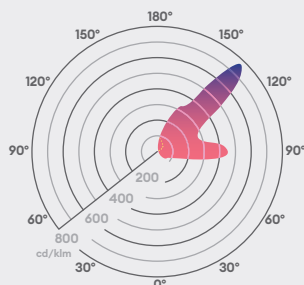
Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gell filled waterproof connector	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
WC 5-9	Quick waterproof connector	Sold Separately	224

Beam angle: 90°





GL200 (3-4 Windows)

5.7W, 40lm, domed ground light

Features

IK rating	IK10
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	2
Inrush current	31A 0.12ms
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	940g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	Window	W	CCT	Beam angle	lm	lm/W	Energy
GL200DX3X27	Stainless steel 316	3 Windows	5.7W	2700K	90°	30	5	A E
GL200DX3X30	Stainless steel 316	3 Windows	5.7W	3000K	90°	30	5	A E
GL200DX4X27	Stainless steel 316	4 Windows	5.7W	2700K	90°	40	7	A E
GL200DX4X30	Stainless steel 316	4 Windows	5.7W	3000K	90°	40	7	A E
GL200DX4X40	Stainless steel 316	4 Windows	5.7W	4000K	90°	40	7	A D

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gell filled waterproof connector	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
WC 5-9	Quick waterproof connector	Sold Separately	224

Ground Lights

5.7W 5.7W

Coastal protected

AC Straight to mains ground light

Guarantee

7 years

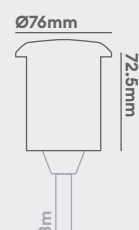
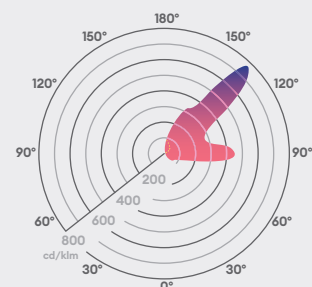
Features & benefits

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation

Drive over - suitable for use on driveways (with TUBE/68)

Beam angle: 90°



Ground Lights

5.7W 5.7W

Coastal protected

AC Straight to mains ground light

Guarantee

7 years

Features & benefits

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation

Drive over - suitable for use on driveways (with TUBE/68)



GL200 (1-2 Windows)

5.7W, 40lm, domed ground light

Features

IK rating	IK10
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	2
Inrush current	31A 0.12ms
Construction material	Brass
Suitable for coastal areas	Yes
Weight	1060g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	Window	W	CCT	Beam angle	lm	lm/W	Energy
GL200AX1X30	Antique brass	1 Window	5.7W	3000K	90°	10	2	A E
GL200AX2130	Antique brass	2 Windows 1 Direction	5.7W	3000K	90°	20	4	A E
GL200AX2230	Antique brass	2 Windows 2 Direction	5.7W	3000K	90°	20	4	A E

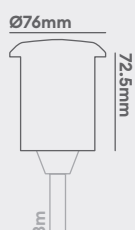
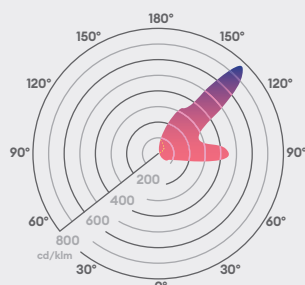
Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gell filled waterproof connector	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	197
WC 5-9	Quick waterproof connector	Sold Separately	224

Beam angle: 90°





GL200 (3-4 Windows)

5.7W, 40lm, domed ground light

Features

IK rating	IK10
IP rating	IP65
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	2
Inrush current	31A 0.12ms
Construction material	Brass
Suitable for coastal areas	Yes
Weight	1060g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	Window	W	CCT	Beam angle	lm	lm/W	Energy
GL200AX3X30	Antique brass	3 Windows	5.7W	3000K	90°	30	5	A E
GL200AX4X30	Antique brass	4 Windows	5.7W	3000K	90°	40	7	A E

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gell filled waterproof connector	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
WC 5-9	Quick waterproof connector	Sold Separately	224

Ground Lights

5.7W 5.7W

Coastal protected

AC Straight to mains ground light

Guarantee

7 years

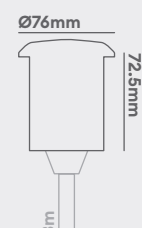
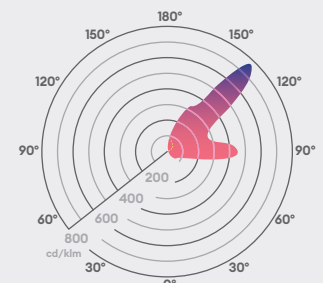
Features & benefits

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation

Drive over - suitable for use on driveways (with TUBE/68)

Beam angle: 90°







GL050

3W, 50lm marker ground light

Features

IK rating	IK08
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 70mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	552g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL050 27	Stainless steel	3W	2700K	100°	46	15	A P
GL050 WW	Stainless steel	3W	3000K	100°	46	15	A P
GL050 NW	Stainless steel	3W	4000K	100°	50	17	A P

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	0	1 to 3
PSIP3509W	220-240V	Yes	No	0	1 to 2
PSMD35039	220-240V	Yes	Yes (mains)	0	1 to 3

Accessories

JB2 / JB4 / JB6	IP68 waterproof connectors	Sold Separately	224
TUBE/68	Installation tube	Sold Separately	111
WCR 275 BLACK	2-core rubber cable	Sold Separately	225
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225

Ground Lights



3W at 350mA



Frosted effect for low glare and soft lighting



Low voltage ground light

Guarantee

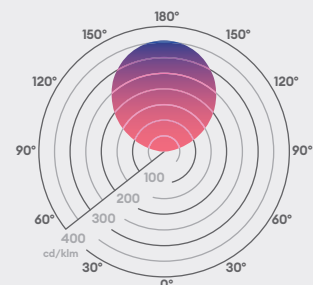
7 years

Features & benefits

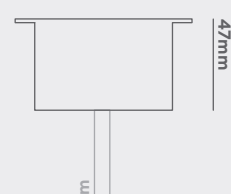
Robust cable for outdoor use

Brushed steel finish for sleek effect

Beam angle: 100°



Ø76mm



Ground Lights

0.5W 0.5W at 24V DC

Frosted effect for low glare and soft lighting

DC Low voltage ground light

Guarantee

7 years

Features & benefits

Robust cable for outdoor use

Shallow depth for easy installation

Coastal protected

Easy and quick installation with parallel wiring



GL018 C

0.4W, 4lm mini round marker ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	24V DC
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 28mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	300g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL018 C 27	Stainless steel	0.4W	2700K	120°	4	10	Exempt
GL018 C WW	Stainless steel	0.4W	3000K	120°	4	10	Exempt
GL018 C NW	Stainless steel	0.4W	4000K	120°	4	10	Exempt
GL018 C BLUE	Stainless steel	0.4W	Blue	120°	0.5	1.3	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Parallel

Recommended LED drivers

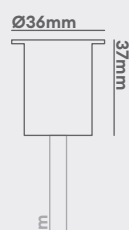
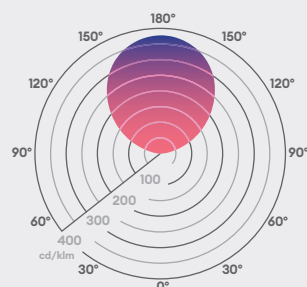
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PS1524	220-240V	Yes	Yes (with PDCINT1-10V)	0 (1 when dimming)	1 to 30
PS3024B	220-240V	Yes	Yes (with PDCINT1-10V)	0 (1 when dimming)	1 to 60
LSD6024	220-240V	Yes	Yes (with PDCINT1-10V)	0 (1 when dimming)	1 to 120

Accessories

JB1 / JB5 / JB6	IP68 waterproof connectors	Sold Separately	224
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	Sold Separately	

Beam angle: 120°





GL018 C AB

0.5W, 3lm mini antique brass marker ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	24V DC
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 28mm
Bathroom zone	0
Inrush current	N/A
Construction material	Brass
Suitable for coastal areas	Yes
Weight	300g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL018 C AB 27	Antique brass	0.5W	2700K	120°	3	6	Exempt
GL018 C AB WW	Antique brass	0.4W	3000K	120°	4	10	Exempt
GL018 C AB NW	Antique brass	0.5W	4000K	120°	3	6	Exempt
GL018 C AB BLUE	Antique brass	0.5W	Blue	120°	0.5	1.3	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Parallel

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PS1524	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	1 to 30
PS3024B	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	1 to 60
LSD6024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	1 to 120

Accessories

JB1 / JB5 / JB6	IP68 waterproof connectors	Sold Separately	224
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	Sold Separately	

Ground Lights



0.5W at 24V DC



Frosted effect for low glare and soft lighting



Low voltage ground light

Guarantee

3 year extended warranty (see "NEW" codes which now have a 7 year extended warranty)

Features & benefits

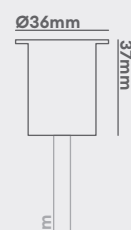
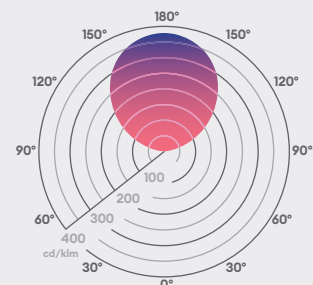
Solid brass with antique effect

Robust cable for outdoor use

Shallow depth for easy installation

Easy and quick installation with parallel wiring

Beam angle: 120°



Ground Lights

0.5W 0.5W at 24V DC

Frosted effect for low glare and soft lighting

DC Low voltage ground light

Guarantee

3 year extended warranty (see "NEW" codes which now have a 7 year extended warranty)

Features & benefits

Square bezel for a different decorative effect

Robust cable for outdoor use

Shallow depth for easy installation

Easy and quick installation with parallel wiring



GL018 SQ

0.5W, 3lm square mini marker ground light

Features

IK rating	IK07
IP rating	IP68
CSP switchable	Single CCT
Walk over / Drive over	Walk over
Input	24V DC
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 28mm
Bathroom zone	0
Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	300g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
GL018 SQ WW	Stainless steel	0.5W	3000K	120°	3	6	Exempt
GL018 SQ BLUE	Stainless steel	0.5W	Blue	120°	0.5	1.3	Exempt

Wiring information

Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Parallel

Recommended LED drivers

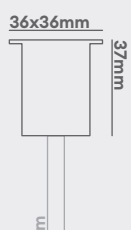
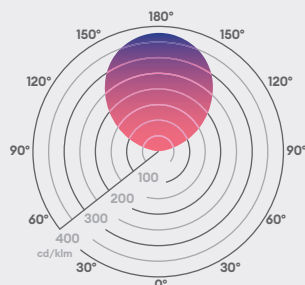
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PS1524	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	1 to 30
PS3024B	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	1 to 60
LSD6024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	1 to 120

Accessories

JB1 / JB5 / JB6	IP68 waterproof connectors	Sold Separately	224
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	Sold Separately	

Beam angle: 120°



Ground light accessories

Choose the ideal accessory for your ground light

Change the aesthetic or find the perfect way to install your ground light.

Choose the ideal accessory

	GLA01	TUBE332	TUBE/50	TUBE/68
Accessory on its own				
Accessory on product		-	-	-

Product codes

Product Code	Description	Guarantee
GLA01	Square plate accessory for ground lights, Stainless steel 316, 65mm cut-out	7 year extended warranty
TUBE332	Ground light installation tube	1 year extended warranty
TUBE/50	Ground light installation tube	1 year extended warranty
TUBE/68	Ground light installation tube	1 year extended warranty

For full product specification visit collingwoodlighting.com

Compatible with

	GL016	GL016 Frosted	GL016 SQ	GL019	GL019 Ultra Low Glare	GL019 LG	GL019 Frosted	GL019 SQ	GL038	GL040	GL040 Ultra Low Glare	GL050	GL063	GL064	GL100	GL200
GLA01										●	●	●				
TUBE332				●	●	●	●	●							●	
TUBE/50	●	●	●													
TUBE/68										●	●	●	●	●		●

Spike lights

Whether lighting a pathway, plants, or to really embellish an outdoor feature, spike lights are a great addition to any environment. Spike lights are the most flexible lighting choice for a garden as they can be used pretty much anywhere. They are easy to move around so you can even change the scheme to reflect the season. Use the sleek and contemporary spike lights as the finishing touch to a layered landscape lighting scheme, or as the sole source of light for quick and easy, yet stunning and professional results.

Easily adjust the tilt or location of a light as your landscape changes, and to create a variety of different effects throughout your space with one simple product. Upgrade the look and feel of the spike light with a low glare hood for optimum light distribution, or a snoot provides a calming moonlight effect. Pick a twin fitting to double the results!

Constructed from premium materials built to last and withstand the elements, the spike lights are available in straight to mains and low voltage options.



Spike lights

To create engaging outdoor spaces

Whether lighting a pathway, planting or to really embellish an outdoor feature, spike lights are a great addition to any environment.

Choose your effect

Spike lights can be used in a variety of ways, for example, illuminating pathways, highlighting mid-level planting or to pick out certain features within a garden. The great thing about these products is that they can move as your landscape changes season to season, year to year.



Pathways



Mid-level planting



Features

Layering light

Spike lights can effectively work as the main focus of an outdoor lighting scheme; however, they also work well in spreading the focus throughout an installation. Combine various effects using these versatile fittings to light features at different levels and to create a scene with depth and interest. Pathway lighting can be combined with uplighting to create a multi-layered effect.

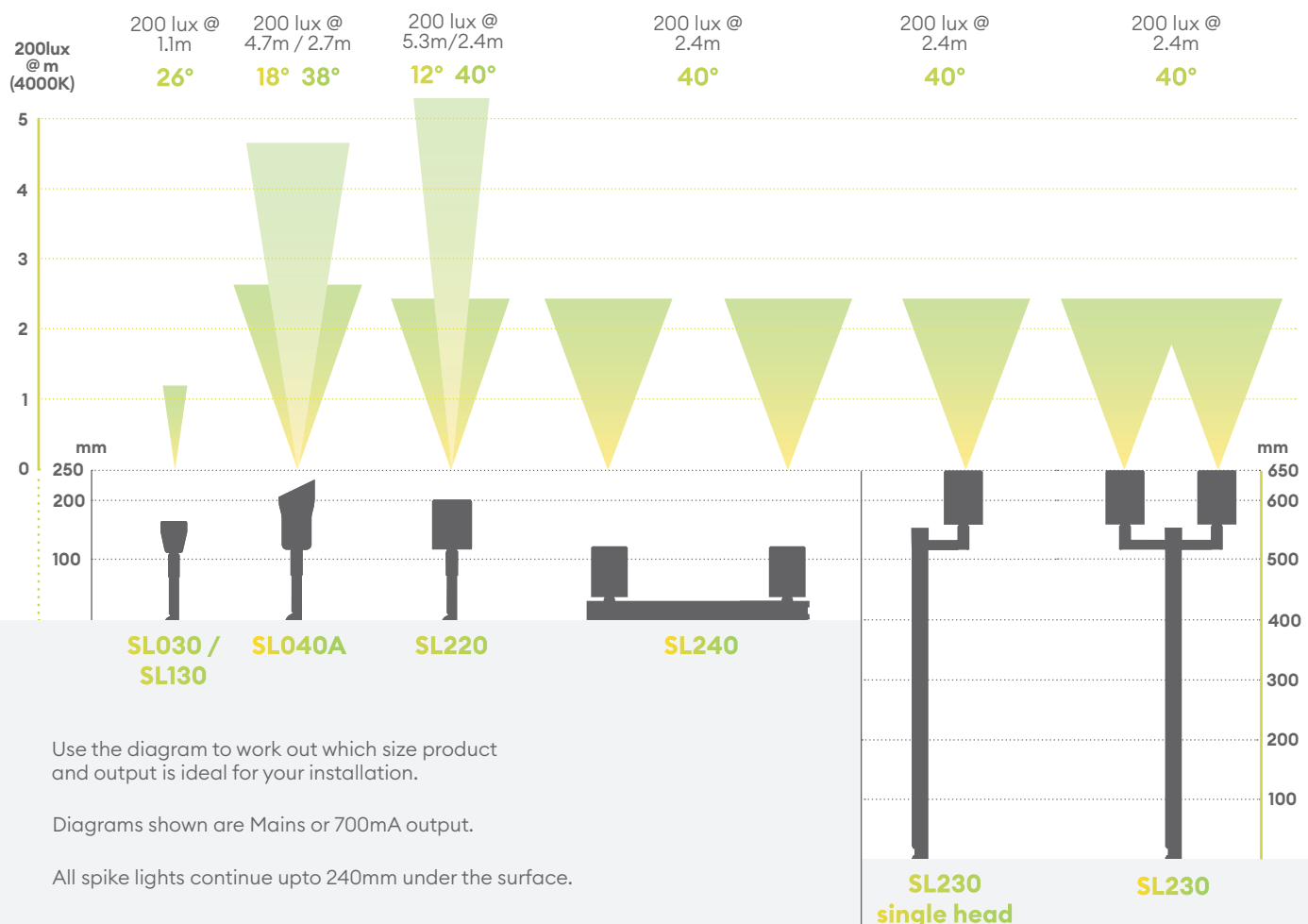


Light confined to one area



Light spread across installation

Product comparison



Low voltage Vs mains

Choose the right connection for any install with both mains and low voltage options available. These are ideal for both retro-fit and new installations.

All of our spike lights come with 3m integrated cable as standard for ease of installation.

Waterproof

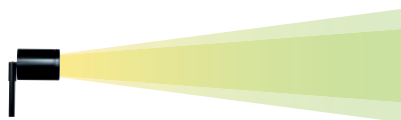
Our spike lights are waterproof to IP65 and have been designed for permanent use outdoors. Spike lights must be installed using waterproof connections to avoid moisture ingress through non-waterproof joints. To choose from our range waterproof connectors, please see [page 224](#)



Low glare hoods and snoots

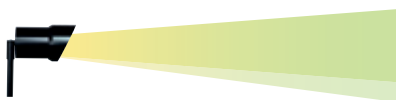
Upgrade the look and feel of your spike light installation with a simple low glare hood or snoot accessory. The accessories minimise any 'spill light' from the product to create a crisp beam of light which is low glare.

Standard spike light



Flexible spike lighting with a high-quality fixture. Without using an accessory the beam of light has a soft halo around the measured beam angle.

Low glare hood



A simple solution to create discreet lighting whilst optimising the light distribution. The widest part of the hood reduces the spill light from one side of the light.

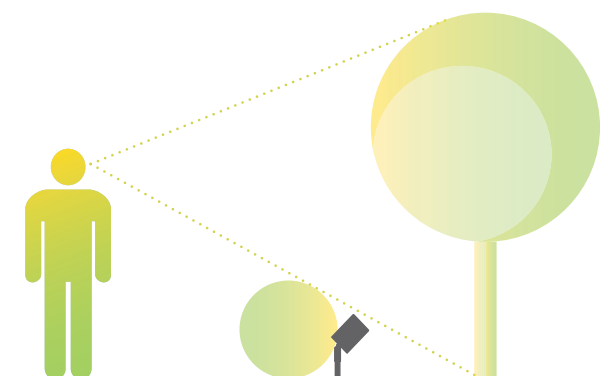
Low glare snoot



This cylindrical snoot accentuates the style factor. Perfect for creating a moonlight effect the snoot reduces the spill light in all directions.

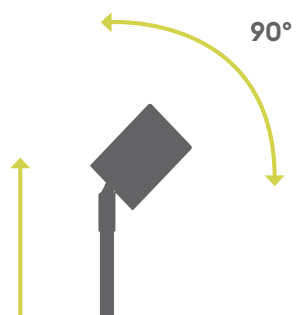
Discreet lighting

Conceal your spike lights to allow attention to focus on the illumination, not the light source.



Flexibility

Spike lights are the most flexible lighting choice for a garden as they can be used in a variety of environments and are easy to manoeuvre, which gives the option to change the lighting scheme to reflect the season.



Tilt

Select the best angle to illuminate features.

Move

Simply pick up and move a spike light to illuminate a different feature.

Spike Lights



1W at 350mA or 2W at 700mA



Coastal protected



IP65 ideal for outdoor areas

Guarantee

7 years

Features & benefits

Long spike included for extra stability

Robust cable for outdoor use

Small & discreet

Single Point Source LED



SL030 | SL130

1W LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	Driver required (350mA / 700mA)
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	700g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
SL030 F 27	Stainless steel 316	2700K	26°	1W	70	70	2W	337	60	
SL13027	Black anodised aluminium	2700K	26°	1W	70	70	2W	337	60	
SL13030	Black anodised aluminium	3000K	26°	1W	75	75	2W	379	68	
SL130ZMBX27	Bronze anodised aluminium	2700K	26°	1W	70	70	2W	337	60	
SL130ZMBX30	Bronze anodised aluminium	3000K	26°	1W	75	75	2W	379	68	

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

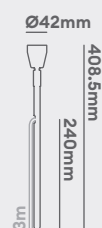
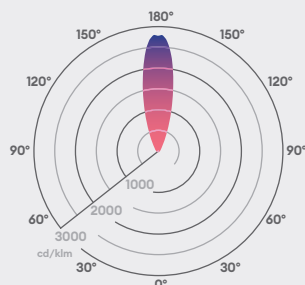
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 9
PLU/700 3-9	220-240V	Yes	No	1	3 to 9
PSIP70018W	220-240V	Yes	No	1	1 to 8

Accessories

JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	464
WCR 275 BLACK	2-core rubber cable	465
PDC/GRID DIMMER	1-10V dimmer module	465

Beam angle: 26°





SL040A

High output LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	Driver required (700mA)
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	600g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
SL040A F 27	Black anodised aluminium	7W	2700K	18°	377	54	A P
SL040A F WW	Black anodised aluminium	7W	3000K	18°	413	59	A B
SL040A S 27	Black anodised aluminium	7W	2700K	38°	377	54	A P
SL040A S WW	Black anodised aluminium	7W	3000K	38°	413	59	A B

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/700 3-9	220-240V	Yes	No	1	1 to 3
PSIP70018W	220-240V	Yes	No	1	1 to 2
PSDIM700	220-240V		Yes (1-10V)	1	1 to 6

Accessories

JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	464
WCR 275 BLACK	2-core rubber cable	Sold Separately	465
PDC/GRID DIMMER	1-10V dimmer module	Sold Separately	465

Spike Lights



7W



Coastal protected



IP65 ideal for outdoor areas

Guarantee

7 years

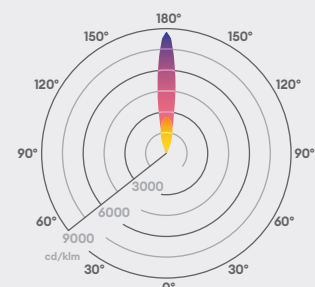
Features & benefits

Long spike included for extra stability

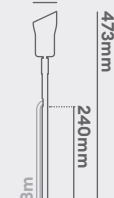
Robust cable for outdoor use

Hooded for reduced glare

Beam angle: 18°



Ø57mm



Spike Lights



2.2W at 350mA or
4.6W at 700mA



Coastal protected



IP65 ideal for
outdoor areas

Guarantee

7 years

Features & benefits

Can be powered by either a 350mA or 700mA driver depending on desired light output.

Narrow beam for higher intensity

Ideal for highlighting tree trunks as a vertical linear feature



SL220 12° Beam Angle

Low voltage LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	Driver required (350mA / 700mA)
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Anodised aluminium, stainless steel 316, copper
Suitable for coastal areas	Yes
Weight	SL220B: 580g SL220C: 1164g SL220D: 1054g SL220Z: 588g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
SL220BNBX27	Black anodised aluminium	2700K	12°	2.2W	310	141	4.6W	530	115	
SL220BNBX30	Black anodised aluminium	3000K	12°	2.2W	310	141	4.6W	530	115	
SL220BNBX40	Black anodised aluminium	4000K	12°	2.2W	310	141	4.6W	530	115	
SL220CNBX27	Solid copper	2700K	12°	2.2W	310	141	4.6W	530	115	
SL220DNBX30	Stainless steel 316	3000K	12°	2.2W	310	141	4.6W	530	115	

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

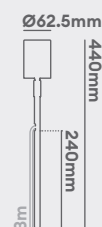
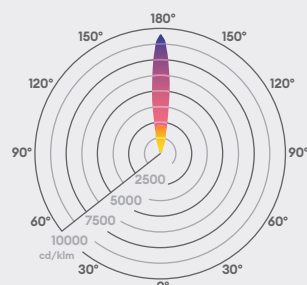
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 4
PLU/700 3-9	220-240V	Yes	No	1	1 to 4
PSIP70018W	220-240V	Yes	No	1	1 to 3

Accessories

JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Stylish, baffle-style snoot, perfect for creating a moonlighting effect	Sold Separately	249
PDC/GRID DIMMER	1-10V dimmer module	Sold Separately	465

Beam angle: 12°





SL220 40° Beam Angle

Low voltage LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Anodised aluminium, stainless steel 316, copper
Suitable for coastal areas	Yes
Weight	SL220B: 580g SL220C: 1164g SL220D: 1054g SL220Z: 588g
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
SL220BWBX27	Black anodised aluminium	2700K	40°	2.2W	290	132	4.6W	515	112	A E
SL220BWBX30	Black anodised aluminium	3000K	40°	2.2W	300	136	4.6W	520	113	A E
SL220BWBX40	Black anodised aluminium	4000K	40°	2.2W	310	141	4.6W	530	115	A E
SL220CWBX27	Solid copper	2700K	40°	2.2W	290	132	4.6W	515	112	A E
SL220DWBX27	Stainless steel 316	2700K	40°	2.2W	290	132	4.6W	515	112	A E
SL220DWBX30	Stainless steel 316	3000K	40°	2.2W	300	136	4.6W	520	113	A E
SL220DWBX40	Stainless steel 316	4000K	40°	2.2W	310	141	4.6W	530	115	A E
SL220ZWBX27	Bronze anodised aluminium	2700K	40°	2.2W	290	132	4.6W	515	112	A E
SL220ZWBX30	Bronze anodised aluminium	3000K	40°	2.2W	300	136	4.6W	520	113	A E

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 4
PLU/700 3-9	220-240V	Yes	No	1	1 to 4
PSIP70018W	220-240V	Yes	No	1	1 to 3

Accessories

JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Stylish, baffle-style snoot, perfect for creating a moonlighting effect	Sold Separately	249
PDC/GRID DIMMER	1-10V dimmer module	Sold Separately	465

Spike Lights



2.2W at 350mA or
4.6W at 700mA



Coastal protected



IP65 ideal for
outdoor areas

Guarantee

7 years

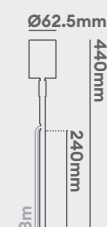
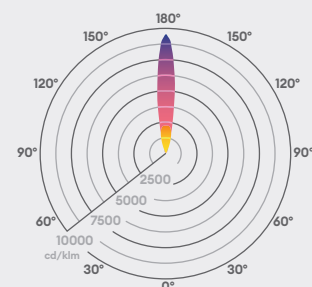
Features & benefits

High efficacy of 144lm/W

Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles

Beam angle: 40°



Spike Lights



5.7W



Coastal protected



IP65 ideal for outdoor areas

Guarantee

7 years

Features & benefits

High efficacy - up to 93lm/W

Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles

Mains voltage for easy installation



SL220 Mains 12° Beam Angle

Mains voltage LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tiltable	90°
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	60A 37µs
Construction material	Anodised aluminium, stainless steel 316, copper
Suitable for coastal areas	Yes
Weight	SL220B: 714g SL220C: 1280g SL220D: 1156g SL220Z: 694g
Maximum ambient temperature	50°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	Im	lm/W	Energy
SL220BNBM30	Black anodised aluminium	5.7W	3000K	12°	520	91	A E
SL220BNBM40	Black anodised aluminium	5.7W	4000K	12°	530	93	A E
SL220DNBM27	Stainless steel 316	5.7W	2700K	12°	515	90	A E
SL220DNBM30	Stainless steel 316	5.7W	3000K	12°	520	91	A E
SL220ZNB27	Bronze anodised aluminium	5.7W	2700K	12°	515	90	A E

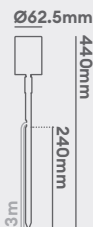
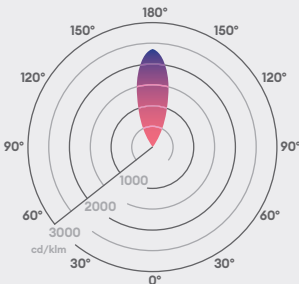
Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gel filled waterproof connector	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Stylish, baffle-style snoot, perfect for creating a moonlighting effect	Sold Separately	249

Beam angle: 12°





SL220 Mains 40° Beam Angle

Mains voltage LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	60A 37µs
Construction material	Anodised aluminium, stainless steel 316, copper
Suitable for coastal areas	Yes
Weight	SL220B: 714g SL220C: 1280g SL220D: 1156g SL220Z: 694g
Maximum ambient temperature	50°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	Im	lm/W	Energy
SL220BWB27	Black anodised aluminium	5.7W	2700K	40°	515	90	A E
SL220BWB30	Black anodised aluminium	5.7W	3000K	40°	520	91	A E
SL220BWB40	Black anodised aluminium	5.7W	4000K	40°	530	93	A E
SL220CWB27	Solid copper	5.7W	2700K	40°	515	90	A E
SL220DWB27	Stainless steel 316	5.7W	2700K	40°	515	90	A E
SL220DWB30	Stainless steel 316	5.7W	3000K	40°	520	91	A E
SL220DWB40	Stainless steel 316	5.7W	4000K	40°	530	93	A E
SL220ZWB27	Bronze anodised aluminium	5.7W	2700K	40°	515	90	A E
SL220ZWB30	Bronze anodised aluminium	5.7W	3000K	40°	520	91	A E

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gel filled waterproof connector	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Stylish, baffle-style snoot, perfect for creating a moonlighting effect	Sold Separately	249

Spike Lights

5.7W 5.7W

Coastal protected

IP65 IP65 ideal for outdoor areas

Guarantee

7 years

Features & benefits

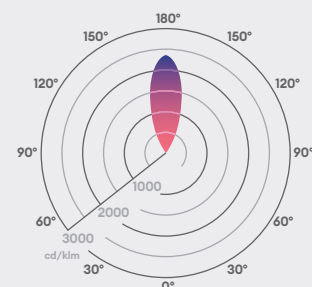
High efficacy - up to 93lm/W

Single LED and lens combination for maximum efficiency and optimal light distribution

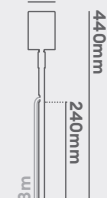
Choice of material finish to suit different styles

Mains voltage for easy installation

Beam angle: 40°



Ø62.5mm



Spike Lights



2.2W at 350mA or
4.6W at 700mA



Coastal protected



IP65 ideal for
outdoor areas

Guarantee

7 years

Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles



GH220B



GS220B

SL230 Single Head

Low voltage single head LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	1.05
Maximum ambient temperature	50°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
SLX230SHA30	Anthracite	3000K	40°	2.2W	300	136	4.6W	1182	113	
SLX230SHB30	Black	3000K	40°	2.2W	300	136	4.6W	1182	113	

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

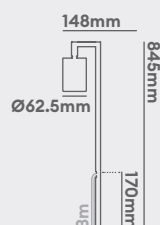
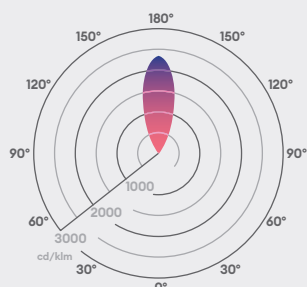
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 4
PLU/700 3-9	220-240V	Yes	No	1	1 to 4
PSIP70018W	220-240V	Yes	No	1	1 to 3

Accessories

JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249

Beam angle: 40°





SL230 Single Head Mains

Mains voltage single head LED spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	60A 37µs (SLM230SH_...)
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	1.18
Maximum ambient temperature	50°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
SLM230SHA30	Anthracite	5.7W	3000K	40°	520	91	
SLM230SHB30	Black	5.7W	3000K	40°	520	91	

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gel filled waterproof connector	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249

Spike Lights

5.7W 5.7W

Coastal protected

IP65 IP65 ideal for outdoor areas

Guarantee

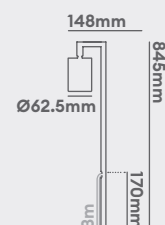
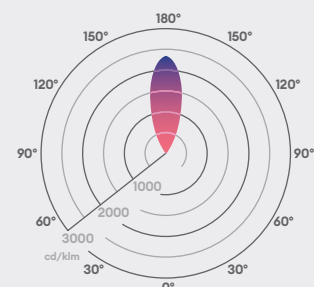
7 years

Features & benefits

High efficacy of 91lm/W

Single LED and lens combination for maximum efficiency and optimal light distribution

Beam angle: 40°



Spike Lights

4.4W or 9.2W 4.4W at 350mA or 9.2W at 700mA



Coastal protected



IP65 ideal for outdoor areas

Guarantee

7 years

Features & benefits

Adjustable pole-mounted twin heads are perfect for illuminating paths, steps and trees

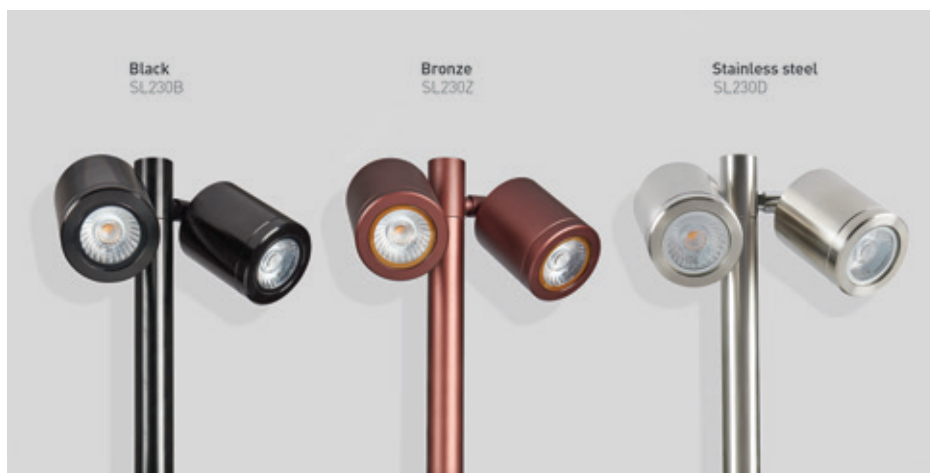
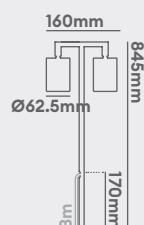
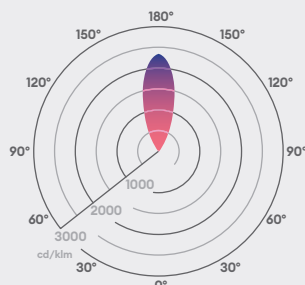
Easily ground mounted with spiked pole and single cable for quick installation

Elegant and discreet black and bronze finishes

Highly efficiency of 114lm/W

Discreet cabling

Beam angle: 40°



SL230

Low voltage LED twin pole spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	SL230B: 1432g SL230D: 3200g SL230Z: 1401g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	CCT	Beam angle	350mA			700mA			Energy
				W	lm	lm/W	W	lm	lm/W	
SL230BWBX27	Black anodised aluminium	2700K	40°	4.4W	580	135	9.2W	2 x 1171	111	
SL230BWBX30	Black anodised aluminium	3000K	40°	4.4W	580	140	9.2W	2 x 1182	112	
SL230DWBX30	Stainless steel	3000K	40°	4.4W	580	140	9.2W	2 x 1182	112	
SL230ZWBX27	Bronze anodised aluminium	2700K	40°	4.4W	580	135	9.2W	2 x 1171	111	
SL230ZWBX30	Bronze anodised aluminium	3000K	40°	4.4W	600	140	9.2W	2 x 1182	112	

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

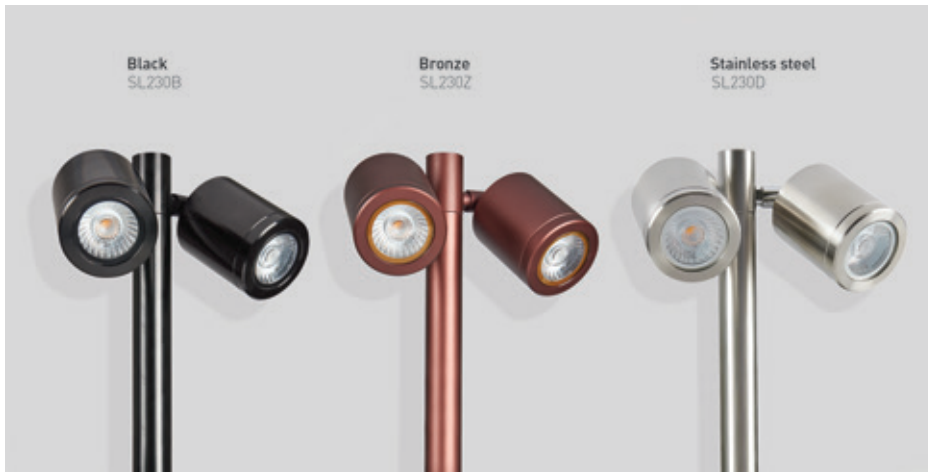
Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 2
PLU/700 3-9	220-240V	Yes	No	1	1 to 2
PSIP70036W	220-240V	Yes	No	1	2 to 3

Accessories

JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249



SL230 Mains

Mains voltage LED twin pole spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	120A 37μs
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	SL230B: 1578g SL230D: 3500g SL230Z: 1577g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
SL230BWB27	Black anodised aluminium	11.4W	2700K	40°	1030	2 x 90	A++
SL230BWB30	Black anodised aluminium	11.4W	3000K	40°	1040	2 x 91	A++
SL230DWB27	Stainless steel	11.4W	2700K	40°	1030	2 x 90	A++
SL230DWB30	Stainless steel	11.4W	3000K	40°	1040	2 x 91	A++
SL230ZWB30	Bronze anodised aluminium	11.4W	3000K	40°	1040	2 x 91	A++

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gel filled waterproof connector	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249

Spike Lights

11.4W 11.4W

Coastal protected

IP65 IP65 ideal for outdoor areas

Guarantee

7 years

Features & benefits

Adjustable pole-mounted twin heads are perfect for illuminating paths, steps and trees

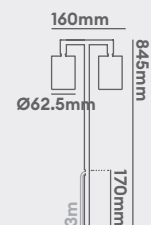
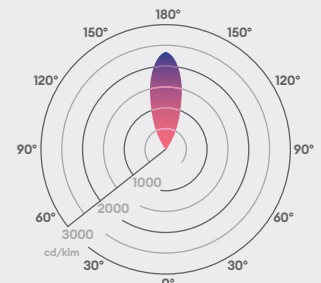
Easily ground mounted with spiked pole and single cable for quick installation

Elegant and discreet black and bronze finishes

Mains voltage for easy installation

Highly efficiency of 93lm/W

Beam angle: 40°



Spike Lights

4.4W or 9.2W 4.4W at 350mA or 9.2W at 700mA

Coastal protected

IP65 IP65 ideal for outdoor areas

Guarantee

7 years

Features & benefits

Adjustable bar-mounted twin heads, ideal for discreet illumination of shrubbery, trees and other landscape features

Easily ground mounted with two spikes and single cable for quick installation

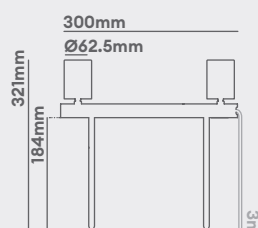
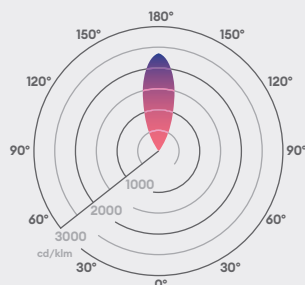
Elegant and discreet black and bronze finishes

Highly efficiency of 114lm/W

Discreet cabling

Additional accessories also available such as hoods and snoots

Beam angle: 40°



SL240

Low voltage LED twin bar spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Anodised aluminium Stainless Steel 316
Suitable for coastal areas	Yes
Weight	SL240B: 1576g SL240D: 2600g SL240Z: 1401g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

				350mA			700mA			Energy
Product code	Finish	CCT	Beam angle	W	lm	lm/W	W	lm	lm/W	
SL240BWBX27	Black anodised aluminium	2700K	40°	4.4W	580	135	9.2W	2 x 1171	111	111
SL240BWBX30	Black anodised aluminium	3000K	40°	4.4W	600	140	9.2W	2 x 1182	112	112
SL240DWBX27	Stainless steel	2700K	40°	4.4W	580	135	9.2W	2 x 1171	111	111
SL240DWBX30	Stainless steel	3000K	40°	4.4W	600	140	9.2W	2 x 1182	112	112
SL240ZWBX27	Bronze anodised aluminium	2700K	40°	4.4W	580	135	9.2W	2 x 1171	111	111
SL240ZWBX30	Bronze anodised aluminium	3000K	40°	4.4W	600	140	9.2W	2 x 1182	112	112

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No	1	1 to 2
PLU/700 3-9	220-240V	Yes	No	1	1 to 2
PSIP70036W	220-240V	Yes	No	1	2 to 3

Accessories

JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249



SL240 Mains

Mains voltage LED twin bar spike light

Features

IP rating	IP65
CSP switchable	Single CCT
Tilttable	90°
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	120A 37μs
Construction material	Anodised aluminium Stainless Steel 316
Suitable for coastal areas	Yes
Weight	SL240B: 1584g SL240D: 2700g SL240Z: 1414g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
SL240BWBM27	Black anodised aluminium	11.4W	2700K	40°	1030	2 x 90	A++ E
SL240BWBM30	Black anodised aluminium	11.4W	3000K	40°	1040	2 x 91	A++ E
SL240DWBM30	Stainless steel	11.4W	3000K	40°	1040	2 x 91	A++ E
SL240ZWBM27	Bronze anodised aluminium	11.4W	2700K	40°	1030	2 x 90	A++ E
SL240ZWBM30	Bronze anodised aluminium	11.4W	3000K	40°	1040	2 x 91	A++ E

Wiring information

Cable / flying lead	3m H05RN-F rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

JB5	Gel filled waterproof connector	Sold Separately	464
GH220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249
GS220	Simple hood to reduce glare whilst maintaining a good light distribution	Sold Separately	249

Spike Lights

11.4W 11.4W

Coastal protected

IP65 IP65 ideal for outdoor areas

Guarantee

7 years

Features & benefits

Adjustable bar-mounted twin heads, ideal for discreet illumination of shrubbery, trees and other landscape features

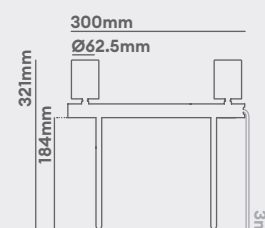
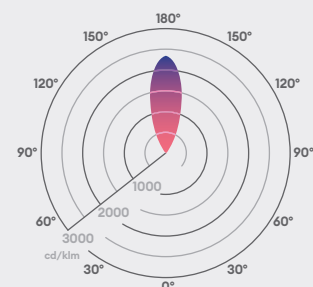
Easily ground mounted with two spikes and single cable for quick installation

Elegant and discreet black and bronze finishes

Mains voltage for easy installation

Highly efficiency of 93lm/W

Beam angle: 40°



Spike Lights

6W 6W at 24V

IP65 ideal for outdoor areas

IP65 Low voltage product

Guarantee

7 years

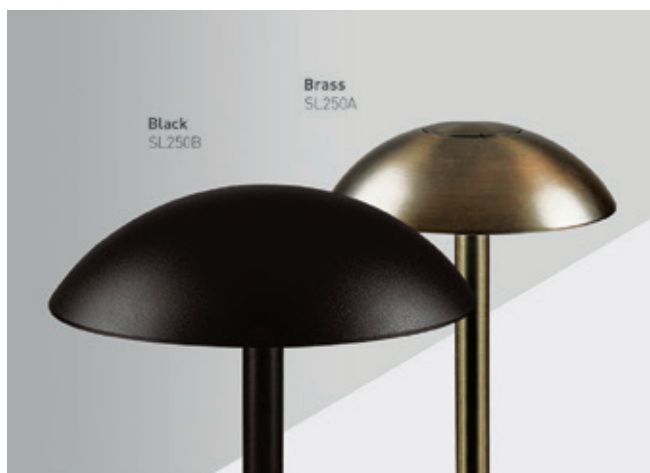
Features & benefits

Robust cable for outdoor use

Long lifetime of 50,000hrs

7 year warranty

Note product is non-dimmable



SL250

Low voltage, 24V, LED path light with spike

Features

IP rating	IP65
CSP switchable	Single CCT
Tiltable	N/A
Dimmable	No
Input	24V DC
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	6 SDCM

Installation information

Inrush current	N/A
Construction material	Brass, powder coated aluminium
Suitable for coastal areas	No
Weight	Black: 1374g, Brass: 1390g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
SL250ATX0X27	Brass, treated	6W	2700K	60-110°	200	50	
SL250ATX0X30	Brass, treated	6W	3000K	60-110°	220	55	
SL250BPX0X27	Black powder coated aluminium	6W	2700K	60-110°	200	50	
SL250BPX0X30	Black powder coated aluminium	6W	3000K	60-110°	220	55	

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable (outside diameter: 6mm)
Type of wiring required	Parallel

Recommended LED drivers

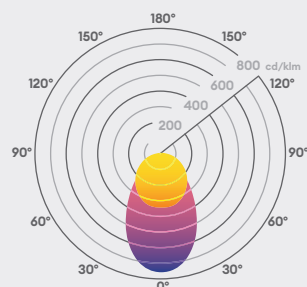
See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PS3024B	220-240V	Yes	No	0	1 to 5
LSD6024	220-240V	Yes	No	0	1 to 9
PS7524	220-240V	Yes	N/A	0	1 to 12

Accessories

JB1 / JB5 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	464
WCR 275 BLACK	2-core rubber cable	Sold Separately	465
SL250A1	Surface mounted base plate	Sold Separately	249

Beam angle: 60-110°



Spike light accessories

Choose the ideal accessory for your spike light

Lower the glare of your spike light for visual comfort and improving it's effect on wildlife.

Choose the ideal accessory



Product codes

Product Code	Finish	Description	Guarantee
GH220B	Black	Low-glare, tapered hood	7 year extended warranty
GH220D	Stainless steel 316	Low-glare, tapered hood	7 year extended warranty
GH220Z	Bronze	Low-glare, tapered hood	7 year extended warranty
GS220B	Black	Low-glare, cylindrical snoot	7 year extended warranty
GS220D	Stainless steel 316	Low-glare, cylindrical snoot	7 year extended warranty
GS220Z	Bronze	Low-glare, cylindrical snoot	7 year extended warranty
SL250A1	Black powder coated aluminium	Path light surface mount accessory	7 year extended warranty

For full product specification visit collingwoodlighting.com

Compatible with

	SL030	SL040A	SL220	SL220 Mains	SL240	SL240 Mains	SL250
GH220B			●	●	●	●	
GH220D			●	●	●	●	
GH220Z			●	●	●	●	
GS220B			●	●	●	●	
GS220D			●	●	●	●	
GS220Z			●	●	●	●	
SL250A1							●

Feature lights

Feature lights are the ideal way to bring garden focal points to life during the twilight hours. Carefully positioned LED lights can cast an ethereal glow on a statue, or add magical motion to a water feature. Whether you're lighting the area around your water, or from under the water itself, the robust range of Collingwood feature lights can be used to stunning and dramatic effect – bringing warmth to your garden all year round. As well as looking great, some of these lights are of course designed specifically with water in mind.

Collingwood's patented technology ensures our IP68 rated feature lights can be fully submersed underwater in complete confidence, for a long-lasting, great looking light.

Produce a variety of effects for backlighting waterfalls, creating reflections from your pond centrepiece statues or plants, highlight features using spotlights, or create a ripple effect for added visual interest.

Even though they are incredibly robust, these lights are also discreet and easy to conceal in your landscape, so the focus is on the effect of the light rather than the fitting itself.



Feature lights

A flexible solution

Collingwood's outdoor lights have been specifically engineered to cope with challenging environments. Whether illuminating sculptures, plant life or fully immersed in ponds or water features, rest assured that our luminaires are built to last.

Flexibility

With a 360° rotation and 180° tilt, our UL010 and UL030 lights provide ultimate flexibility with the ability to be pointed in any direction, illuminating the areas you want to showcase.

360° rotation

This is achieved with an adjustable bracket at the base of the product.



180° tiltable

Using the bracket directly attached to the product, the light can be tilted upwards and downwards.



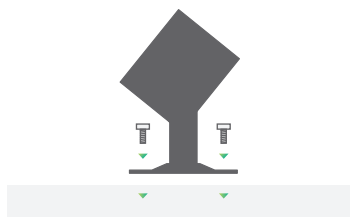
Coastal protection

Our UL010 and UL030 products are completely protected from the effects of rust and salt water corrosion. This includes our marine-grade 316 and antique brass finish.



Mount anywhere

Designed with flexibility in mind, our fittings can be mounted on to most surfaces. The screw-in structure allows for attaching to a hard surface securely, where recessing a light is impossible.



Output options

Both products have a narrow beam which means punchy illumination from a neat and compact fitting. As each installation is unique, it may require a high or low output fitting.

High output

The UL030 is ideal for general illumination.



Low output

The UL010 works well for subtle feature illumination.



Discreet fittings

We understand the focus of lighting should be the illumination, not the fitting, which is why the flexible nature of these products ensures they are easy to conceal in a landscape.



Underwater lighting

Illuminating a pond or water feature will help to transform any landscape design, creating a focal point whilst also adding a layer of protection, and ensuring passers-by are aware of where the water is located.

Lighting effect

A number of effects can be created when strategically lighting water and water features.

Backlighting waterfalls

Adding lighting to the soothing sound of a waterfall can create a calm and peaceful atmosphere.



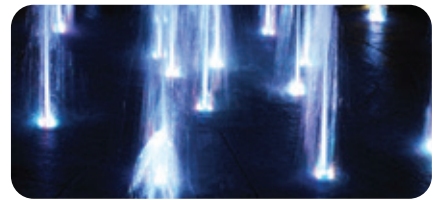
Reflections

Indirectly illuminate by up lighting surrounding shrubs and trees; unique reflections will be cast into the water.



Highlighting water features

Maintain maximum visual impact after the sun sets by using spot lighting to highlight water features.



Adding depth to your landscape

Highlighting water features can add significant depth and appeal to the overall landscape design.



Submersible fittings

Our Collingwood patented technology ensures that our UL010 and UL030 IP68 rated feature lights are completely air tight and can be used under water.



The ripple effects

As water moves and ripples, the light moves with it. This adds a sense of motion and fluidity to your scheme and sparks visual interest.



Feature Lights

4.6W 4.6W at 700mA

Coastal protected

IP68 IP68 ideal for outdoor areas and under water lighting

Guarantee

7 years

Features & benefits

Single LED and lens combination for maximum efficiency and optimal light distribution

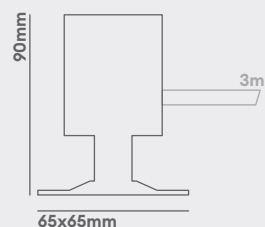
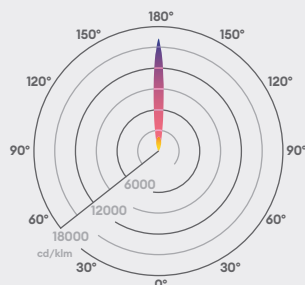
Complete with wall fixings

Tilt & rotate for adjusting light

Antique brass finish, Marine grade stainless steel 316 & Black anodised aluminium

Long lifetime of 70,000hrs

Beam angle: 12° 40°



UL030

High output universal LED light

Features

IP rating	IP68
CSP switchable	Single CCT
Tilttable	360°
Rotatable	360°
Dimmable	Driver dependent
Input	700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Stainless steel (316), brass, anodised aluminium
Suitable for coastal areas	Yes
Weight	680g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
UL030ANAX27	Brass	4.6W	2700K	12°	470	67	
UL030ANAX30	Brass	4.6W	3000K	12°	480	69	
UL030DNBX27	Stainless steel	4.6W	2700K	12°	470	67	
UL030DNBX30	Stainless steel	4.6W	3000K	12°	480	69	
UL030DNBX40	Stainless steel	4.6W	4000K	12°	490	70	
UL030AWAX27	Brass	4.6W	2700K	40°	470	67	
UL030AWAX30	Brass	4.6W	3000K	40°	480	69	
UL030BWBX27	Black anodised aluminium	4.6W	2700K	40°	470	67	
UL030BWBX30	Black anodised aluminium	4.6W	3000K	40°	480	69	
UL030DWBX27	Stainless steel	4.6W	2700K	40°	470	67	
UL030DWBX30	Stainless steel	4.6W	3000K	40°	480	69	
UL030DWBX40	Stainless steel	4.6W	4000K	40°	490	70	

Wiring information

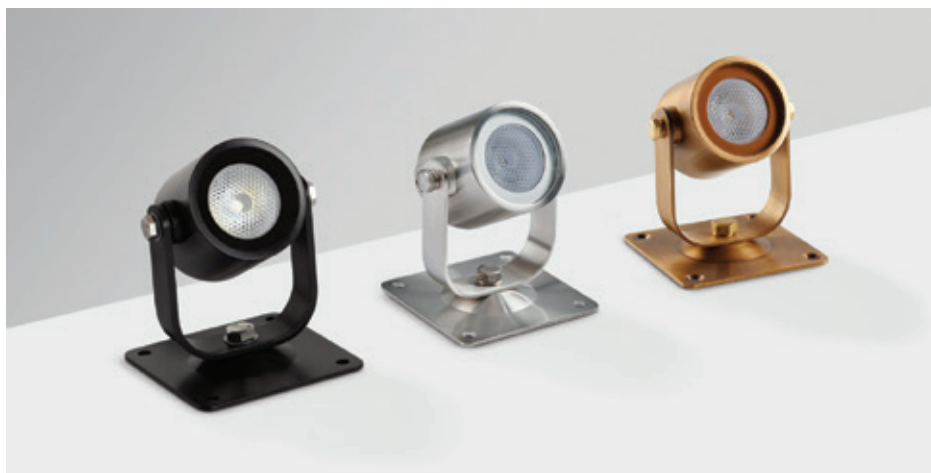
Cable / flying lead	1m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/700 3-9	220-240V	Yes	No	0	1 to 4
PSIP70018W	220-240V	Yes	No	0	1 to 3
PSDIM700	220-240V		Yes (1-10V)	0	1 to 11

Accessories

JB2 / JB4	Waterproof junction box / Gel filled waterproof connector	Sold Separately	224
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
WCR 275 BLACK	2-core rubber cable	Sold Separately	225



UL010

Universal LED light

Features

IP rating	IP68
CSP switchable	Single CCT
Tilttable	360°
Rotatable	360°
Dimmable	Driver dependent
Input	700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	Stainless steel (316), brass, anodised aluminium
Suitable for coastal areas	Yes
Weight	500g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
UL010 A 27	Brass	3W	2700K	26°	92	31	
UL010 A WW	Brass	3W	3000K	26°	95	32	
UL010 B 27	Black anodised aluminium	3W	2700K	26°	92	31	
UL010 B 30	Black anodised aluminium	3W	3000K	26°	95	32	
UL010 27	Stainless steel 316	3W	2700K	26°	92	31	
UL010 WW	Stainless steel 316	3W	3000K	26°	95	32	
UL010 NW	Stainless steel 316	3W	4000K	26°	119	40	

Wiring information

Cable / flying lead	3m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/700 3-9	220-240V	Yes	No	0	3 to 9
PSIP70018W	220-240V	Yes	No	0	1 to 8
PSDIM700	220-240V		Yes (1-10V)	0	1 to 18

Accessories

JB2 / JB4	Waterproof junction box / Gel filled waterproof connector	Sold Separately	224
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
WCR 275 BLACK	2-core rubber cable	Sold Separately	225

Feature Lights



3W at 700mA



Coastal protected



IP68 ideal for outdoor areas and under water lighting

Guarantee

7 years

Features & benefits

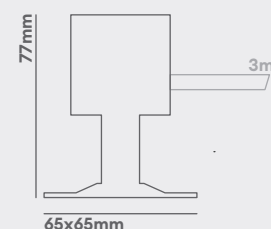
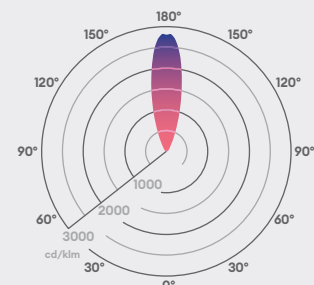
Complete with wall fixings

Robust cable for use outdoors

Tilt & rotate for adjusting light

Long lifetime of 70,000hrs

Beam angle: 26°







Qubo

Architectural projector feature light for indoor and outdoor applications

Features

IP rating	IP66
CSP switchable	Single CCT
Tilttable	120°
Rotatable	60°
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	6 SDCM

Installation information

Inrush current	QBAL: 12A 0.156ms, QBAM: 3.5A 0.14ms
Construction material	Aluminium Housing, PMMA Diffuser, Grade 304 Screws
Suitable for coastal areas	No
Weight	QBAL: 1700g, QBAM: 700g
Maximum ambient temperature	-20°C to +30°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
QBALN30	Anthracite grey RAL7016	18W	3000K	30°	2000	111	
QBAMN30	Anthracite grey RAL7016	10W	3000K	30°	1000	100	

Wiring information

Cable / flying lead	2m Neoprene H05RN-F 3x0.75mm2 cable supplied
Type of wiring required	Parallel

Accessories

N/A	No accessories required
-----	-------------------------

Feature Lights

- IP66** IP66 ideal for internal or external applications
- 2000lm** High lumen output of up to 2000lm
- IK08** Robust impact rating of IK08

Guarantee

5 years

Features & benefits

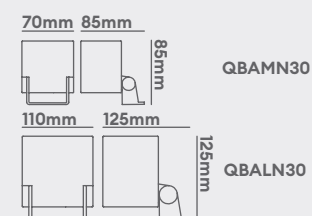
Outdoor LED projector with bracket and spike for installation on floor or ground

Adjustable, rotation 0-60°, 0-120° tilt

Precision tilting degree marker on the product to facilitate orientation

Neoprene H05RN-F 2x0.75mm2 cable of 2000mm

Beam angle: 30°



Bollards

Adding style and flair to any design scheme, the premium range of wooden bollards create safer, 24-hour spaces. These UK manufactured bollards can be custom-built to suit your design, from the functional and uniform lighting of driveways, to a more quirky arrangement for adding interest to a landscape. Whether you're lighting driveways, pathways or open spaces, for practical or security reasons, we have the bollard for you. Using our simple five step process, you can create the ideal bollard to meet your needs.

Choose between single or triple LED versions and pick from a range of materials, styles and colour temperatures. All combinations are possible and with our step-by-step guide you can have the relevant part codes you need in minutes. There's a choice of beam angles depending on the area you need to cover, a range of naturally aging timbers, three different colour temperatures and easy installation.





Bespoke wooden bollards

Purpose built in Great Britain, for your installation

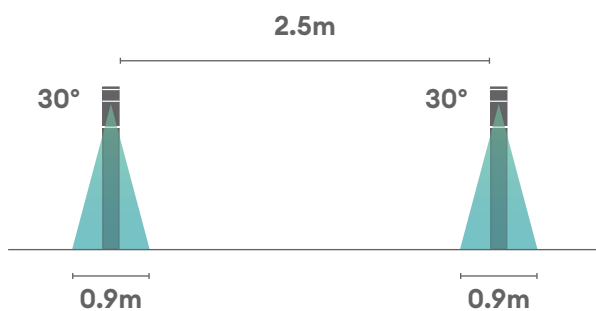
Adding style and flair to any design scheme, bollards can add depth and dimension to a landscape, creating safer, 24-hour spaces.

Single LED bollard

Use the single LED bollard to add new lighting to existing pathways, gardens or shared spaces. The remote SELV power supply provides increased flexibility when fitting. Long distances of cable can be concealed within trunking. Bollards are often purposely positioned in a uniformed capacity to highlight a walkway; however, they can also be integrated into a landscape feature, maximising the overall design of the space.



For a pathway with consistent points highlighted:

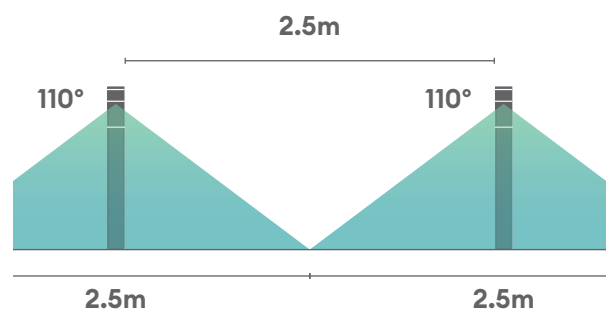


Triple LED bollard

Using an integral power supply, this direct to mains bollard is ideal for replacing existing bollard lighting, which may be looking tired or in need of replacement. It is easy to retrofit using existing cables or as part of a new build, where cables can easily be installed with minimum impact. Using three LEDs instead of one and with a wider beam angle, these products are capable of being positioned at greater distances whilst still creating an even spread of light.



For a pathway consistently lit at 30 lux:



Choice of material

Choose from three beautifully crafted woods to obtain the ideal aesthetic for your bollard.

Iroko



Oak



Sapele



Choice of style

Choose from three unique styles to suit your installation.

Domed



Chamfered



Pointed



Colour temperature

Choose between three available colour temperatures.

2700K



3000K



4000K



Single lighting regulations

We are making the wooden bollards more serviceable. The change is a simple one with beneficial impact: there will be a removable back plate so that the control gear and light modules can be accessed and replaced if necessary. On bottom cable entry, the panel goes all the way to the floor, with three brass countersunk screws holding it in place, and the side entry models has the removable plate up to the cable entry.

Choosing the ideal wooden bollard

For your installation

Use the five easy steps below to ascertain the perfect bollard for your installation.

Do you need a bollard with single or triple LEDs?

Single LED bollard

Beam angle : 30°



Triple LED bollard

Beam angle : 110°



Which style head would you like?

Domed



Chamfered



Pointed



Which type of wood do you prefer?

Iroko



Oak



Sapele



Will the bollard be recessed or surface mounted?

Recessed mount

Side cable entry is required for recess mounting.



Surface mount

Base cable entry is required for surface mounting.



When surface mounting you will also need a bracket.



Product code:
BOL LED BRACKET

Which colour temperature do you need?

Warmest

For a warm cosy look use 2700K.



Warmest

For a warm cosy look use 2700K.



Warmest

For a warm cosy look use 2700K.



Now you've determined what you'll need, use the product code generator on the next page to obtain the correct product code.

Choosing the ideal wooden bollard

For your installation

Now that you know what attributes you want, use the matrix below to work out which product code you will need.

Use the generator below to build your wooden bollards product code based on the attributes you have selected

The example shown is for a single LED with base cable entry, 2700K, iroko wood, domed head bollard, resulting in the partcode BL01DIB27. You can change each element to represent the bollard you need.

1	2	3	4	5	6
B L	0 1	D	I	B	2 7
	0 3	F	O	S	3 0
		P	S		4 0

1 Product type

B L Bollard

2 Single / Triple LED

0 1 Single LED

0 3 Triple LED

3 Style

D Domed

F Chamfered

P Pointed

4 Material

I Iroko wood

O Oak wood

S Sapele wood

5 Cable entry

B Base entry

S Side entry

6 Colour temperature

2 7 2700K

3 0 3000K

4 0 4000K



BL03

Straight to mains

Features

IK rating	N/A
IP rating	IP65
CSP switchable	Single CCT
Input	220-240V 50/60Hz
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	60A 0.037ms
Construction material	See page 256-257
Suitable for coastal areas	Yes (with appropriate treatment)
Weight	5500g
Maximum ambient temperature	35°C
SELV	Yes
Electric class (1, 2, 3)	2
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	W	CCT	∠°	lm	lm/W	Energy
See page 258	5W	2700K	110°	156	31	
	5W	3000K	110°	160	32	
	5W	4000K	110°	246	49	

Wiring information

Cable / flying lead	NEW 1.5mm SY 2 Core PVC Steel Braid Cable. 2M Length.
Type of wiring required	Parallel

Accessories

BOL LED BRACKET	Stainless steel bracket for BOL LED range	Sold Separately	145
JB5	Gel filled junction box	Sold Separately	224

Bollards



5W at 350mA or 700mA



Coastal Protected



IP65 ideal for outdoor areas

Guarantee

7 Years

Features & benefits

Choice of wood finishes: Iroko, Sapele or Oak

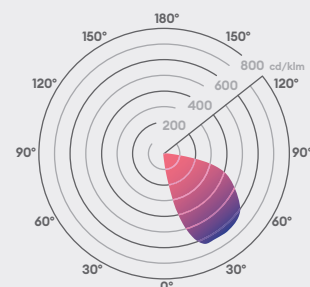
Pointed, Chamfered or Domed top

Choice of low-voltage or straight-to-mains

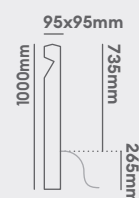
Side-entry cable or base-entry cable options

Three colour temperature options: 2700K, 3000K or 4000K

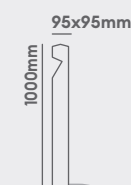
Beam angle: 110°



Recessed mount



Surface mount



Bollards

1W 1W at 350mA or 700mA

Coastal Protected

IP65 IP65 ideal for outdoor areas

Guarantee

7 Years

Features & benefits

Choice of wood finishes: Iroko, Sapele or Oak

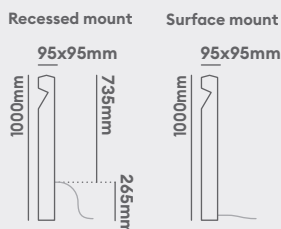
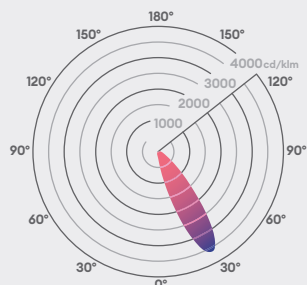
Pointed, Chamfered or Domed top

Choice of low-voltage or straight-to-mains

Side-entry cable or base-entry cable options

Three colour temperature options: 2700K, 3000K or 4000K

Beam angle: 26°



BL01

Low voltage

Features

IK rating	N/A
IP rating	IP65
CSP switchable	Single CCT
Input	350mA / 700mA
LED lifetime	70,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	N/A
Construction material	See page 256-257
Suitable for coastal areas	Yes (with appropriate treatment)
Weight	5800g
Maximum ambient temperature	35°C
SELV	N/A
Electric class (1, 2, 3)	3
Earth leakage	N/A

Photometrics @ 25°C

Product code	CCT	∠°	350mA			700mA			Energy
			W	lm	lm/W	W	lm	lm/W	
See page 258	2700K	26°	1W	70	70	2W	337	60	
	3000K	26°	1W	75	75	2W	379	68	
	4000K	26°	1W	95	95	2W	393	70	

Wiring information

Cable / flying lead	1.8m (H05RN-F) rubberised cable (outside diameter: 6mm)
Type of wiring required	Series

Recommended LED drivers

See pages 218-221 for complete LED driver offer

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PLU/350 1-9	220-240V	Yes	No		1 to 9
PLR/350 1-5	220-240V	Yes	No		1 to 5
PLU/700 3-9	220-240V	Yes	No	N/A	3 to 9

Accessories

BOL LED BRACKET	Stainless steel bracket for BOL LED range	Sold Separately	145
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	224
WCR 275 BLACK	2-core rubber cable	Sold Separately	225

Bollard accessories

Get a mounting bracket

When mounting your bollard onto a solid surface get a mounting bracket.

Use a mounting bracket

BOL LED BRACKET

Accessory on its own



Accessory on product



Product codes

Product Code	Description	Construction material	Guarantee
BOL LED BRACKET	Stainless steel bracket for wooden bollard range	Stainless steel (304)	1 year extended warranty

For full product specification visit collingwoodlighting.com

Compatible with

	BLO1	BLO3
BOL LED BRACKET	<div></div>	<div></div>

Flexible bollards

Wide choice to suit your application

Adding style and flair to any design scheme, bollards can add depth and dimension to a landscape, creating safer, 24-hour spaces.

Head options

Two broad styles are available to suit the majority of applications. The head options produce divergent lit effects and should be selected with the end result in mind.

General illumination

Ideal for general illumination of an area. The broad spread of light means that it is suitable for illuminating and marking paths, walkways as well as general area lighting.

BOL10



BOL20



Low glare

The low glare design has minimal upwards spill-light beyond 90°, maximising the efficiency of the lit effect and increasing visual comfort.

BOL30



Height options

Available in two heights, each of the bollards have a full-height and a half-height option, providing the perfect solution for any installation.

Half-height

A more discreet option whilst also having a greater intensity of light at ground level.



Full-height

A more prominent option that is tall enough to provide light over obstacles such as shrubbery.



Root mount

The root mounting kit is ideal for when a bollard is mounted into concrete. They simply attach to the bottom and anchor the bollard into place.



Straight to mains

The integral driver means that mains connections can be made inside the body of the bollard, quickly and simply. The screw terminal block clearly labels Live and Neutral, with provision for Earth.



Bollard light distribution

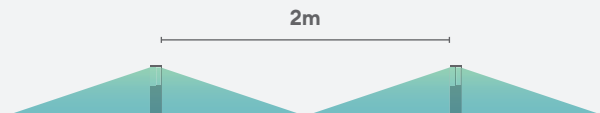
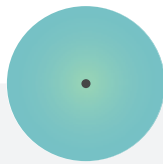
The three bollard families have a different distribution of light according to their different styles, and is also affected by the bollard height. See below for a handy overview of the spacing between the bollards in order to achieve a consistent light level of 20lux, perfect for a typical pathway.

BOL100

Midi 350mm high bollard with 360° illumination

For a pathway consistently lit at 20 lux:

2m at 20lux

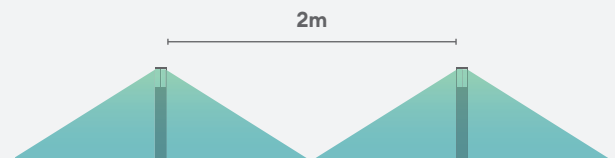
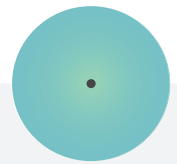


BOL101

Midi 650mm high bollard with 360° illumination

For a pathway consistently lit at 20 lux:

2m at 20lux

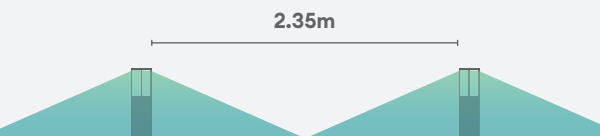
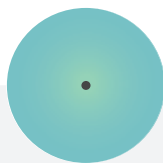


BOL200

Midi 500mm high bollard with 360° illumination

For a pathway consistently lit at 20 lux:

2.35m at 20lux

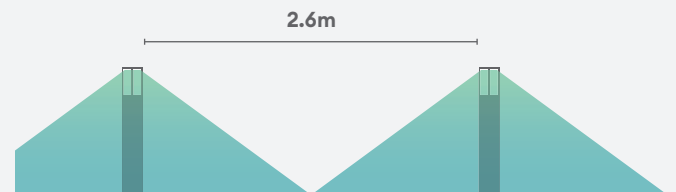


BOL201

Midi 900mm high bollard with 360° illumination

For a pathway consistently lit at 20 lux:

2.6m at 20lux

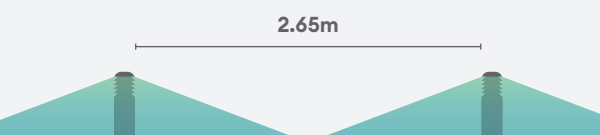
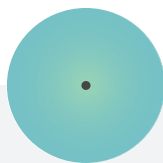


BOL200

Midi 500mm high bollard with 360° illumination

For a pathway consistently lit at 20 lux:

2.65m at 20lux

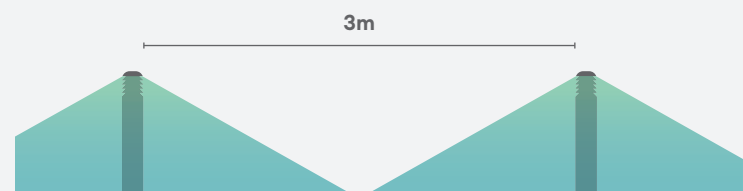


BOL201

Midi 900mm high bollard with 360° illumination

For a pathway consistently lit at 20 lux:

3m at 20lux



Bollards

11W 11W

IP54 IP54 ideal for walk ways and step lighting

360° Benefiting from light all round with a 360° beam angle

Guarantee

5 years

Features & benefits

Straight to mains screw terminals

Ideal for residential landscape projects, such as lighting low level shrubs

Ideal to light up car parking spaces and driveways

High lumen output of 610lm

Great for soft illumination onto stone paths



BOL100 Midi Post Light

Straight to mains IP54, 610lm post light

Features

IK rating	IK04
IP rating	IP54
CSP switchable	Single CCT
Input	220-240V 50/60Hz
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	4 SDCM

Installation information

Inrush current	20A
Construction material	Aluminium / PVC
Suitable for coastal areas	No
Weight	BOL100: 1.2kg BOL101: 1.5Kg
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	Height	W	CCT	Beam angle	lm	lm/W	Energy
BOL100X30	Black RAL9011	350mm	11W	3000K	360°	610	55	100lm/W
BOL101X30	Black RAL9011	650mm	11W	3000K	360°	610	55	100lm/W

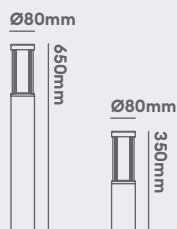
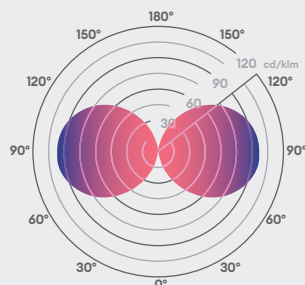
Wiring information

Cable required for connector	3x 1.0mm ²
Type of wiring required	Parallel

Accessories

JB5	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	224
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Beam angle: 360°





BOL200 Midi Bollard

Straight to mains, IP65, 930lm bollard

Features

IK rating	IK04
IP rating	IP65
CSP switchable	Single CCT
Input	220-240V 50/60Hz
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	4 SDCM

Installation information

Inrush current	20A 0.5ms
Construction material	Aluminium / PVC
Suitable for coastal areas	No
Weight	BOL200: 2.6Kg BOL201: 4.4Kg
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.2mA

Photometrics @ 25°C

Product code	Finish	Height	W	CCT	∠°	lm	lm/W	Energy
BOL200X30	Black RAL9011	500mm	23W	3000K	360°	930	40	
BOL201X30	Black RAL9011	900mm	23W	3000K	360°	930	40	

Wiring information

Cable required for connector	3x 1.0mm ²
Type of wiring required	Parallel

Accessories

JB5	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	224
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Bollards

23W

23W

IP65

IP65 ideal for car parks and walk ways

360°

Benefiting from light all round with a 360° beam angle

Guarantee

5 years

Features & benefits

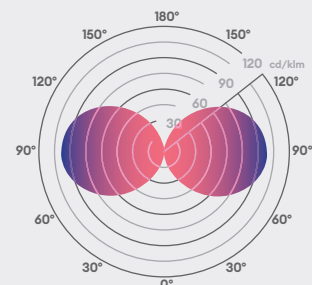
Straight to mains screw terminals

Frosted window effect at the top

Low glare illumination, ideal for pathways, boundary marking, or general illumination of exterior spaces

High lumen output of 930lm

Beam angle: 360°



Ø145mm



Ø145mm
500mm



Bollards

23W 23W

IP65 IP65 ideal for car parks and walk ways

360° Benefiting from light all round with a 360° beam angle

Guarantee

5 years

Features & benefits

Straight to mains screw terminals

Domed top for a low glare finish, and a minimum up spill of light making it comfortable on the eye

IK08 rated



BOL300 Midi Bollard

Straight to mains, IP65, 500lm bollard

Features

IK rating	IK08
IP rating	IP65
CSP switchable	Single CCT
Input	220-240V 50/60Hz
LED lifetime	30,000h L70
CRI	80 Ra
SDCM	4 SDCM

Installation information

Inrush current	20A 0.5ms
Construction material	Aluminium / PVC
Suitable for coastal areas	No
Weight	BOL300: 2.9Kg BOL301: 4.6Kg
Maximum ambient temperature	40°C
SELV	Yes
Electric class (1, 2, 3)	1
Earth leakage	0.2mA

Photometrics @ 25°C

Product code	Finish	Height	W	CCT	Beam angle	lm	lm/W	Energy
BOL300X30	Black RAL9011	500mm	23W	3000K	360°	500	22	
BOL301X30	Black RAL9011	900mm	23W	3000K	360°	500	22	

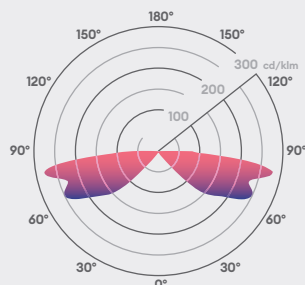
Wiring information

Cable required for connector	3x 1.0mm ²
Type of wiring required	Parallel

Accessories

JB5	Waterproof junction box / Gel filled waterproof connectors	Sold Separately	224
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Beam angle: 360°



Ø150mm





LUXI 650

Straight to mains bollard

Features

IK rating	IK06
IP rating	IP54
CSP switchable	Single CCT
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	6 SDCM

Installation information

Inrush current	N/A
Construction material	Cast Aluminium
Suitable for coastal areas	No
Weight	2.000
Maximum ambient temperature	-20°C to +40°C
SELV	No
Electric class (1, 2, 3)	1

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
OUI3824	Anthracite grey RAL7016	7W	3000K	30°	660	68	

Wiring information

Cable / flying lead	cable diameter for connection 12mm
Type of wiring required	Parallel

Accessories

N/A	No accessories required
-----	-------------------------

Bollards



7W



IP54 ideal for walk ways and step lighting



CRI 80 providing true colour appearance

Guarantee

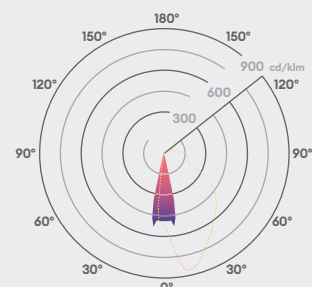
3 years

Features & benefits

IK06 for robust impact protection

Great for soft illumination onto stone paths

Beam angle: 30°



Ø90mm



Bollards

7W

7W

IP54

IP54 ideal for walk ways and step lighting

>80Ra

CRI 80 providing true colour appearance

Guarantee

3 years

Features & benefits

IK08 for robust impact protection

Great for soft illumination onto stone paths



LUXI 54

Rectangular terminal bollard

Features

IK rating	IK08
IP rating	IP54
CSP switchable	Single CCT
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	6 SDCM

Installation information

Inrush current	N/A
Construction material	Aluminium
Suitable for coastal areas	No
Weight	2.130
Maximum ambient temperature	-20°C to +40°C
SELV	No
Electric class (1, 2, 3)	1

Photometrics @ 25°C

Product code	Finish	W	CCT	⤴	lm	lm/W	Energy
OU13624	Anthracite grey RAL7016	7W	3000K	90°	750	75	

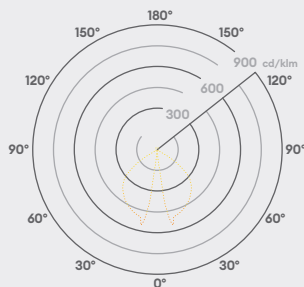
Wiring information

Cable / flying lead	cable diameter for connection 12mm
Type of wiring required	Parallel

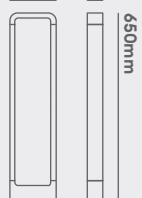
Accessories

N/A	No accessories required
-----	-------------------------

Beam angle: 90°



160mm 54mm





Uplights

The façade of a building is typically the first place the eyes are drawn to in places of architectural interest and this often sets the tone for the rest of the building. Façade lighting is for those occasions when you really want to captivate passers-by with a mesmerising wash of light over a beautiful structure. Perfect for both indoor and outdoor facades, this range gives those breath-taking and decorative features the treatment they deserve, with striking, yet sympathetic lighting to match. Here beam angle is key and you can choose from a variety of beam angles to suit your installation, whether you're adding grandeur to buildings, picking out intricate architectural features or highlighting an entrance.

Different beam angles can create a wash of light on a flat surface, a swathe of mid-level light, or a directional beam of light. With LED light bars, you can cover large or narrow surfaces, while UL brackets enable you to change the angle of your fitting. You can even opt for colour-changing lights for the ultimate wow factor. Whatever the setting, the façade range has the perfect size and output of light to do your buildings justice.



Uplights

To create exceptionally lit environments

In architecture, the façade of a building is the first place a visitor will see, and sets the tone for the rest of the building. Captivate passers-by with a mesmerising wash of light over any beautiful structure.

Choosing the right beam angle

Our uplighting range is ideal for creating an array of effects; whether you are adding grandeur to buildings, highlighting intricate architectural features or drawing guests to an entrance, we have a solution for many applications.

60° beam

This wide beam is perfect for creating a wash of light on flat surfaces or to illuminate surfaces from further away.



30° beam

Some architectural features require mid-level lighting and the 30° beam is perfect for this, allowing a swathe of light to be cast across a dedicated area.



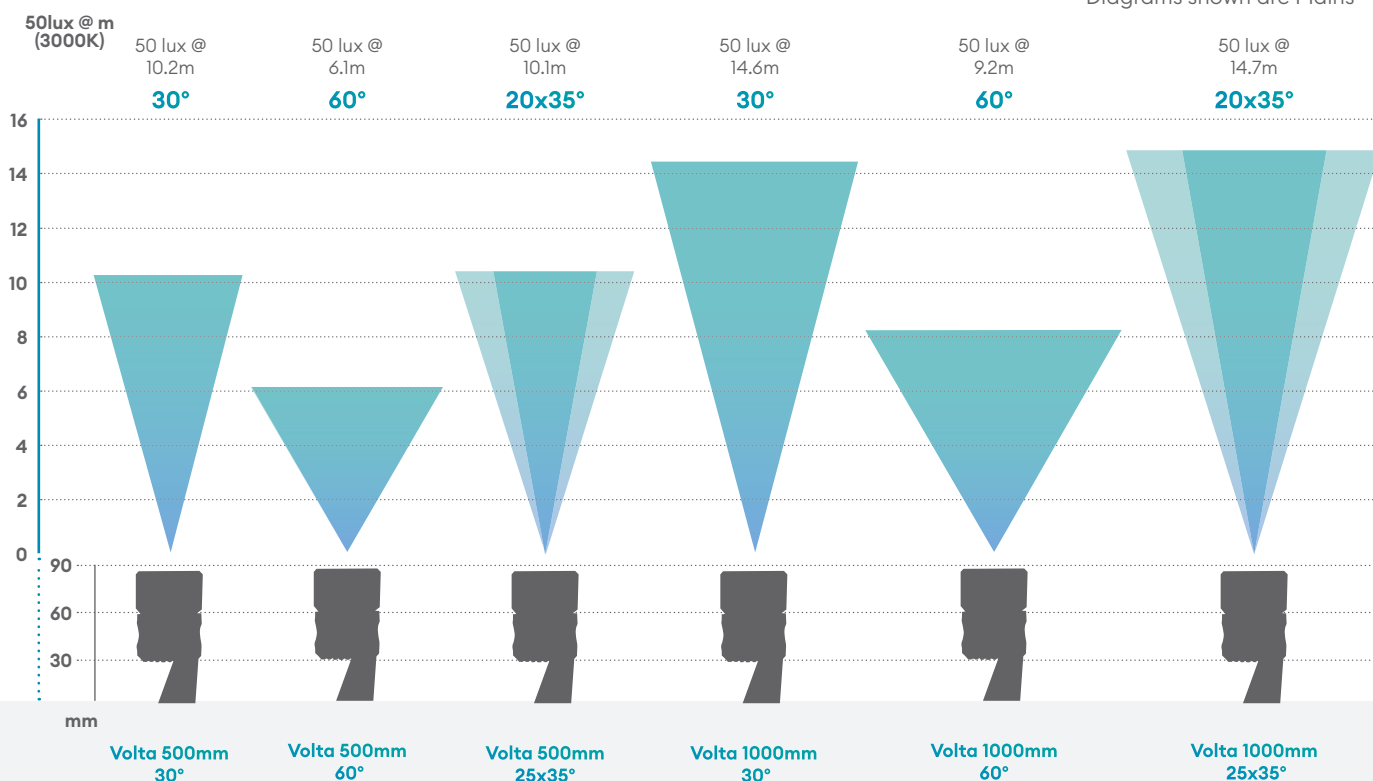
25x35° beam

Choose the asymmetric 25x35° beam for a more directed beam of light, perfect for walls and entrances.



Choosing the ideal size and output

Diagrams shown are Mains



Quick and easy installation

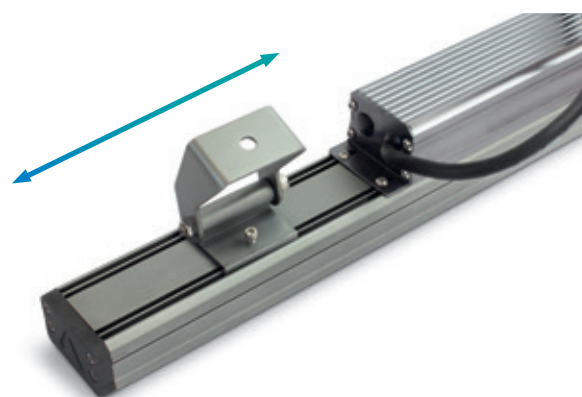
Flexible installation

The maximum distance between products using fly leads is 330mm. if you require further space between products, Volta is supplied with two additional connectors, male and female to allow flexibility to increase distance between fittings at installation. additional cables not supplied.



Adjustable brackets

Fully flexible first-fix bracket. Slides at each end of the product and can be attached anywhere.



IP65

Built for the toughest of environments

High water and dust resistance. Durable and versatile, the Volta uplights are IP65 rated and are suitable for outdoors.



7 year warranty

Offering a seven-year warranty, so you can be assured of our commitment to quality.



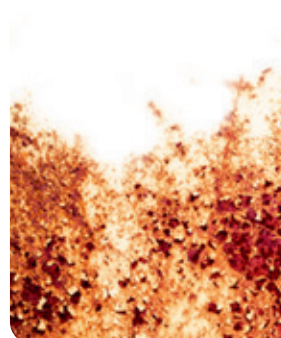
Coastal protection

Rust & salt mist protection

With corrosion resistant protection and coastal protective paint, our floodlights are perfect for use in coastal areas.

Advantages

- Feel confident you can install these uplights anywhere.
- Can be installed into coastal areas without any worry of products failing.



Uplights

21W

21W

IP65

IP65 ideal for outdoor environments



Suitable for use in coastal applications

Guarantee

7 years

Features & benefits

Plug and play through-wire install method

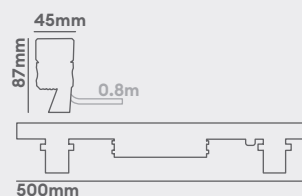
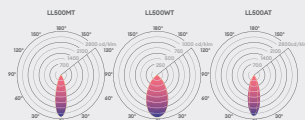
Supplied with waterproof connectors for fast install

3000K and 2700K range with choice of 2000 or 4200 lumen output

Narrow beam 30°, Wide beam 60° or Asymmetrical 20x35°

Also available in 1000mm

Beam angle: 30°, 60°, 20x35°



Volta 500mm

Wall washing light bar

Features

IK rating	IK04
IP rating	IP65
CSP switchable	Single CCT
Tilttable	180°
Dimmable	Yes (Mains)
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	0.56A 18.8ms
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	1.4kg
Maximum ambient temperature	50°C
SELV	Yes
Electric class (1, 2, 3)	2
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
LL500AT27	Silver	21W	2700K	20x35°	2000	95	1.1 E
LL500AT30	Silver	21W	3000K	20x35°	2000	95	1.1 E
LL500MT27	Silver	21W	2700K	30°	2000	95	1.1 E
LL500MT30	Silver	21W	3000K	30°	2000	95	1.1 E
LL500WT27	Silver	21W	2700K	60°	2000	95	1.1 E
LL500WT30	Silver	21W	3000K	60°	2000	95	1.1 E

Wiring information

Cable / flying lead	0.8m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

N/A	No accessories required
-----	-------------------------



Volta 1000mm

Wall washing light bar

Features

IK rating	IK04
IP rating	IP65
CSP switchable	Single CCT
Tilttable	Yes
Dimmable	Yes (Mains)
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Inrush current	15A $\leq 10\mu s$
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	2.5kg
Maximum ambient temperature	50°C
SELV	Yes
Electric class (1, 2, 3)	2
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Finish	W	CCT	\angle°	lm	lm/W	Energy
LL1000AT27	Silver	40W	2700K	20x35°	4200	105	
LL1000AT30	Silver	40W	3000K	20x35°	4200	105	
LL1000MT27	Silver	40W	2700K	30°	4200	105	
LL1000MT30	Silver	40W	3000K	30°	4200	105	
LL1000WT27	Silver	40W	2700K	60°	4200	105	
LL1000WT30	Silver	40W	3000K	60°	4200	105	

Wiring information

Cable / flying lead	0.8m (H05RN-F) rubberised cable (outside diameter: 7mm)
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Uplights

- 40W** 40W
- IP65** IP65 ideal for outdoor environments
- Suitable for use in coastal applications

Guarantee

7 years

Features & benefits

Plug and play through-wire install method

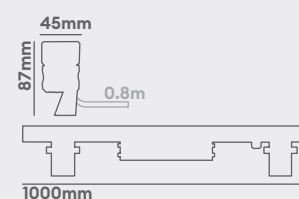
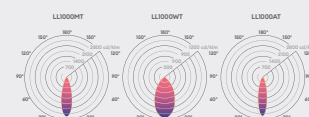
Supplied with waterproof connectors for fast install

3000K and 2700K range with choice of 2000 or 4200 lumen output

Narrow beam 30°, Wide beam 60° or Asymmetrical 20x35°

Also available in 500mm

Beam angle: 30°, 60°, 20x35°



Soffit downlights

The H2 Pro Extreme CSP is an innovation first for Collingwood, with the unique feature of a complete waterproof seal. This exclusive downlight is IP65 rated from both the front and back, which means it can be used with complete confidence in a range of outdoor applications including soffits and eaves, external garage facades and commercial buildings. The H2 Pro Extreme has been treated with added protection against corrosion and salt spray to withstand the elements in even the toughest coastal regions.

So bringing the warmth and light from indoors, outside, has never been easier. H2 Pro Extreme is 4.6W, has a 38-degree beam angle, is dimmable and comes in a choice of two colour temperatures. It also boasts a 40,000-hour lifetime and a four-year warranty, for lasting quality and performance you can trust.



Soffit downlights

Bring your landscape lighting scheme to your door

Soffit lights allow you to tie your lighting scheme from the building to the landscaping.

IP65 front and back

The H2 Pro Extreme is IP65 from the front and the back making it perfect for soffits and other outdoor installations. Where most IP65 downlights would fail due to moisture getting in through the back of the product the H2 Pro Extreme thrives being completely protected at an IP65 rating.

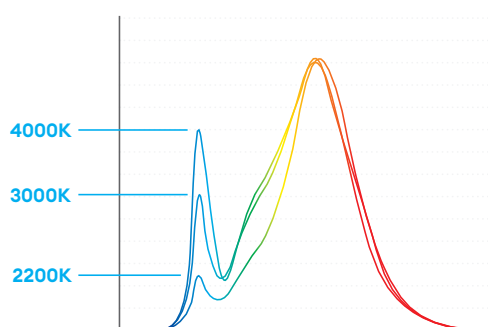


Warmer light

2200K **Ember** light

Minimising the blue light content of outdoor lighting is key to improving the survival and growth rates of nocturnal animals.

That's why Collingwood is introducing outdoor lighting with 2200K. The amount of blue light in 2200K is significantly less than 4000K or even 3000K.



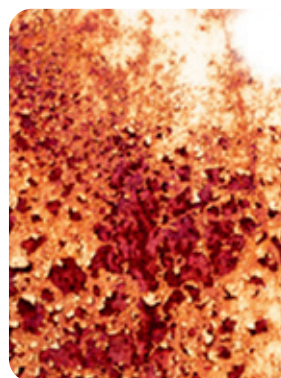
Coastal protection

Rust & salt mist protection

With corrosion resistant protection and coastal protective paint, H2 Pro Extreme CSP are perfect for use in coastal areas.

Advantages

- Feel confident you can install our products anywhere.
- Can be installed into coastal areas without any worry of products failing.



Colour Switchable Product

One light, three colour temperatures

Always have the correct product on hand. Our range of colour switchable downlights are available to stock in 3 colour temperatures in 1 product (2200K, 2700K, 3000K).

Advantages

- Simpler product range.
- Products can be adjusted after they are installed.

2200K



2700K



3000K





H2 Pro Extreme CSP

IP65 (above+below) downlight suitable for installing outdoor in building soffits and canopies

Features

IP rating	IP65 (from below and above)
CSP switchable	Switchable CCT
Tilttable	No
UGR	22
Dimmable option	Yes (Mains)
Input	220-240V 50/60Hz
LED lifetime	40,000h L70
CRI	80 Ra
SDCM	4 SDCM
Emergency option	No

Installation information

Install connector type	Flying lead
Insulation coverable	No
Cut out size	Ø 65-75mm
Bathroom zone	1 (ceiling only)
Inrush current	2.3A 0.06ms
Construction material	Aluminium / Plastic
Maximum ceiling thickness	30 mm
Weight	148g
Maximum ambient temperature	-20° to +40°
SELV	Yes
Building regulations	Part C, P & L
Ceiling joist approvals	No
Electric class (1, 2, 3)	2

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	∠°	lm	lm/W	Energy
H2EXT1A	Switchable CCT	Anthracite grey RAL7016	5W	2200K	40°	480	96	
				2700K	40°	570	114	
				3000K	40°	560	112	
H2EXT1B	Switchable CCT	Black	5W	2200K	40°	480	96	
				2700K	40°	570	114	
				3000K	40°	560	112	
H2EXT1W	Switchable CCT	White	5W	2200K	40°	480	96	
				2700K	40°	570	114	
				3000K	40°	560	112	

Wiring information

Cable / flying lead	0.37m H03VVH2-F 2x0.75mm²
Cable required for connector	0.37m H03VVH2-F 2x0.75mm²
Type of wiring required	Parallel

Accessories

DM298GRID	Grid Dimmer	Sold Separately
DM298FP	Flatplate Dimmer	Sold Separately
PCELLKIT	Wall Mounted Photocell Kit	Sold Separately

Soffit Downlights

Colour switchable between 2700K, 3000K and 4000K

PIR downlight for switching those lights OFF in your home that keep getting left ON

High efficacy up to 112lm/W

Guarantee

5 years

Features & benefits

Hold time - adjust from 30secs up to 15 minutes

Sensitivity - Adjust from close range of 10cm up to 2 metres away

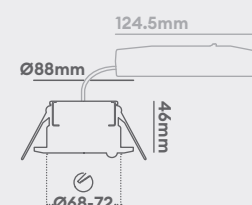
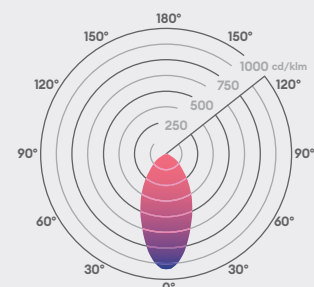
Lux Level - Adjust to keep the light OFF when there is enough natural daylight

Switched live out to other lights up to 200W (max 30 H2 Sense)

Fire-rated Downlight

Bezel sold separately

Beam angle: 50°



Residential floodlights

Popular for illuminating environments with bright washes of light, floodlights are becoming an indispensable element of security in today's society. Our 10W and 20W floodlights offer a crisp, flicker-free light to compliment any CCTV recordings and ensuring a perfect image when played back, providing reassurance and peace of mind.

Not only this, the circular bracket provides full 360° orientation of the light - even after installation - allowing for incredible illumination for every requirement.

Should the installation requirements change in the future, the 360° control means the process is as simple as rotating the product in the desired direction. Colour switchable technology is also present with a convenient IP65 rated toggle switch, located on the back of the product. This can also be used after installation to aid you in choosing the right colour temperature for the environment.



Residential floodlights

Functional and security lighting

The Collingwood residential floodlights have been upgraded to be the most efficient in the market, have an extended warranty of up to 5 years, IP65 PIR sensor and approval for installation in coastal areas.

IP65 directional PIR sensor

PIR sensor: Passive infrared sensor

The IP65 rating provides optimum protection against the impacts of rainwater and general adverse weather conditions. The PIR sensor can rotate, meaning that the activation can occur in a different area to where the floodlight illuminates. For example, the sensor could be pointed to a door so that when a person exits the building a separate walkway is illuminated, increasing safety.

Advantages

- IP65 rated sensor ideal for adverse weather conditions.
- Sensor rotates allowing the activation to occur in a different area to the illumination.
- Easily adjust motion sensitivity, lux levels and time required on the sensor.
- Save your customer energy and money.



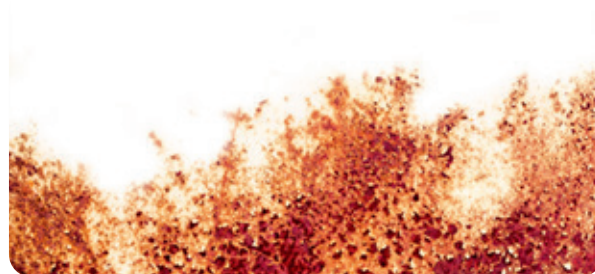
Coastal protection

Rust & salt mist protection

With corrosion resistant protection and coastal protective paint, our floodlights are perfect for use in coastal areas.

Advantages

- Feel confident you can install these floodlights anywhere.
- Can be installed into coastal areas without any worry of products failing.



Quick & easy installation bracket

Circular first fix bracket

The circular bracket is detachable and can be mounted to the surface before the rest of the product, allowing for a remarkably easy installation. The product is then simply bolted on to the bracket and the installation completed.

Advantages

- Quick & easy installation.
- This bracket is for first fixing onto the wall, and because it's circular, there is no need for spirit level.
- 360° rotation, allowing the floodlight to be installed in a variety of applications.
- Pre-wired with 1m cable.



360° rotatable and 180° tiltable

Flexibility and reliability

Combining 360° rotation and 180° tilt, this light can be pointed in any direction, ensuring you can illuminate a space from any position.

360° rotation

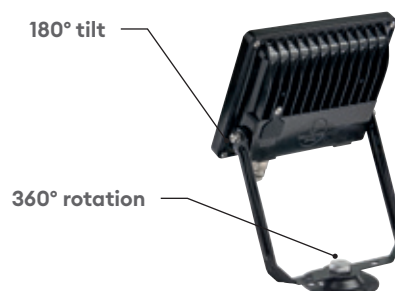
The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.

180° tiltable

The bracket directly attached to the floodlight allows the product to tilt both upwards and downwards.

Advantages

- Illuminate space from any direction.
- Can adjust into correct area after it's installed.



CCT switchable

One light, three colour temperatures

Our range of colour switchable floodlights allows you to stock 3 colour temperatures in 1 product (3000K, 4000K & 6500K).

Advantages

- Simpler product range.
- Products can be easily adjusted after they are installed thanks to a convenient IP65 switch on the back.
- Always have the correct product on hand.

3000K



4000K

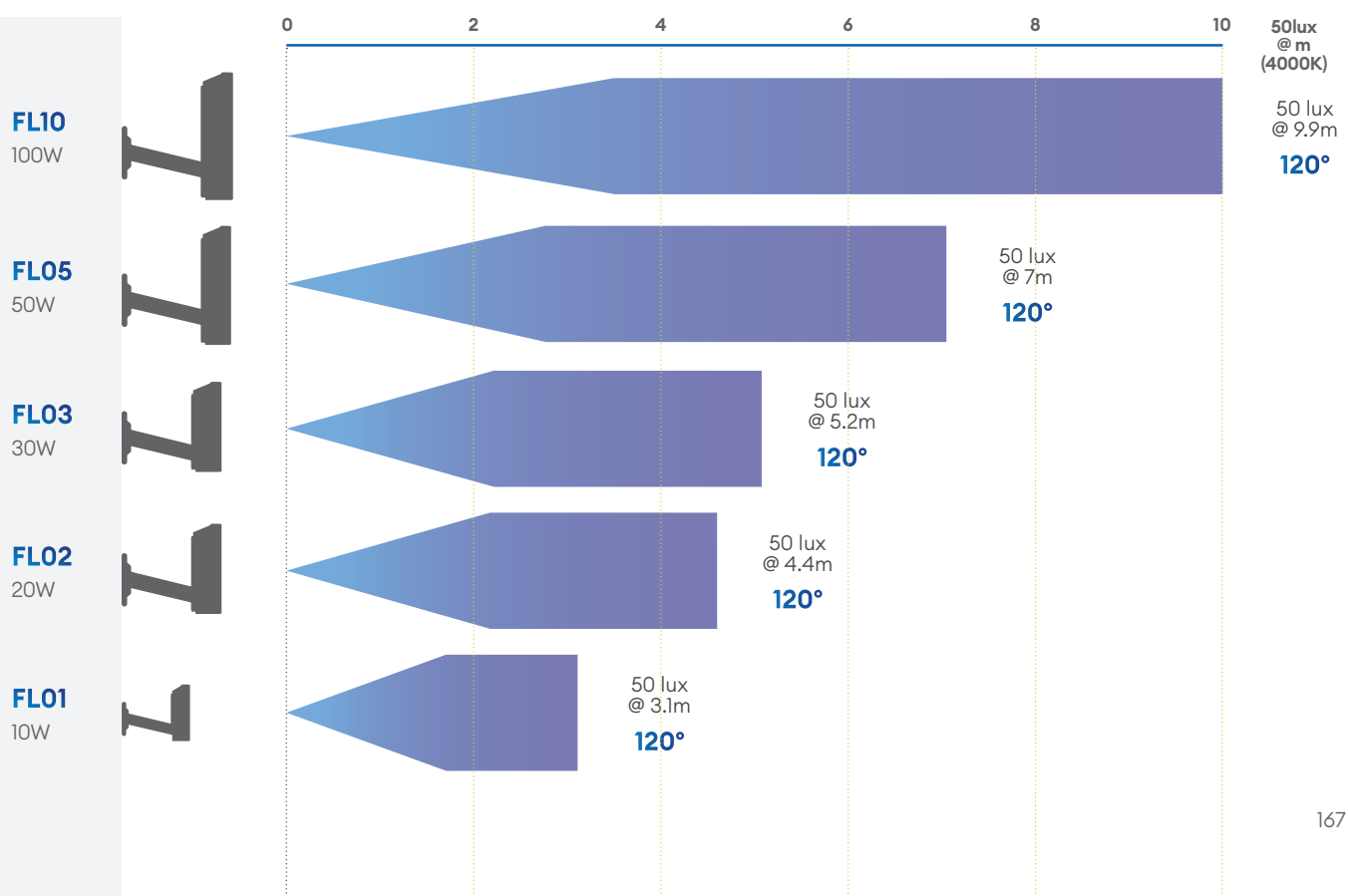


6500K



Product comparison

Using the diagram below, determine which size product and output is suitable for your installation.



Residential Floodlights



High efficacy of up to 130lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt

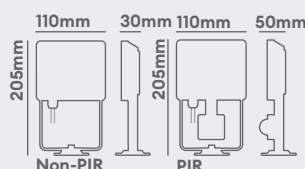
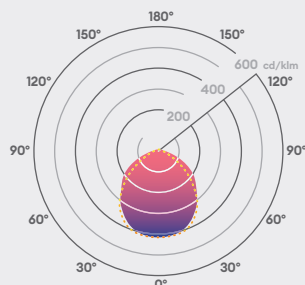
Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

PIR option provides override function to leave permanently on or off

Beam angle: C0/C180 C90/C270



FL01

10W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tilttable	180°
Rotatable	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	5 SDCM

Installation information

Inrush current	10A 262μs
Construction material	Anthracite painted cast aluminium
Suitable for coastal areas	Yes
Weight	480g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	△°	Im	lm/W	Energy
FL01APCS	PIR sensor	Anthracite grey RAL7016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	
				6500K	120°	1300	130	
FL01AXCS	Standard	Anthracite grey RAL7016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	
				6500K	120°	1300	130	
FL01BPCS	PIR sensor	Black	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	
				6500K	120°	1300	130	
FL01BXCS	Standard	Black	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	
				6500K	120°	1300	130	
FL01WPCS	PIR sensor	White RAL9016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	
				6500K	120°	1300	130	
FL01WXCS	Standard	White RAL9016	10W	3000K	120°	1100	110	
				4000K	120°	1150	115	
				6500K	120°	1300	130	

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm ² Ø7mm
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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FL02

20W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tilttable	180°
Rotatable	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	5 SDCM

Installation information

Inrush current	11A 474μs
Construction material	Anthracite painted cast aluminium
Suitable for coastal areas	Yes
Weight	620g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	△°	lm	lm/W	Energy
FL02APCS	PIR sensor	Anthracite grey RAL7016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	
				6500K	120°	2400	120	
FL02AXCS	Standard	Anthracite grey RAL7016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	
				6500K	120°	2400	120	
FL02BPCS	PIR sensor	Black	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	
				6500K	120°	2400	120	
FL02BXCS	Standard	Black	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	
				6500K	120°	2400	120	
FL02WPCS	PIR sensor	White RAL9016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	
				6500K	120°	2400	120	
FL02WXCS	Standard	White RAL9016	20W	3000K	120°	2200	110	
				4000K	120°	2400	120	
				6500K	120°	2400	120	

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm ² Ø7mm
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Residential Floodlights



High efficacy of up to 120lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt

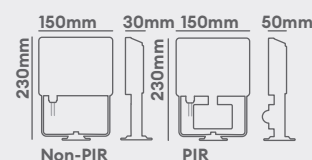
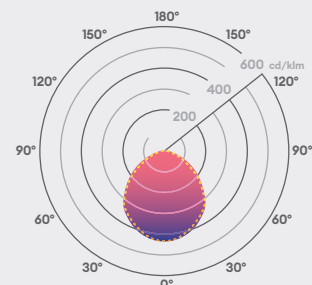
Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

PIR option provides override function to leave permanently on or off

Beam angle: C0/C180 C90/C270



Residential Floodlights



High efficacy of up to 130lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt

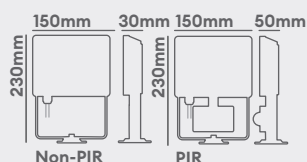
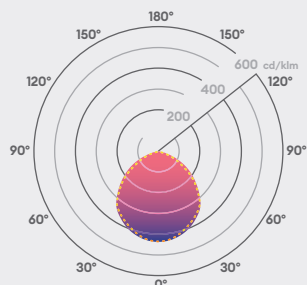
Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

PIR option provides override function to leave permanently on or off

Beam angle: C0/C180 C90/C270



FL03

30W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tilttable	180°
Rotatable	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	5 SDCM

Installation information

Inrush current	30A 4μs
Construction material	Anthracite painted aluminium
Suitable for coastal areas	Yes
Weight	630g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	Beam angle	Im	lm/W	Energy
FL03APCS	PIR sensor	Anthracite grey RAL7016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	
				6500K	120°	3900	130	
FL03AXCS	Standard	Anthracite grey RAL7016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	
				6500K	120°	3900	130	
FL03BPCS	PIR sensor	Black	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	
				6500K	120°	3900	130	
FL03BXCS	Standard	Black	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	
				6500K	120°	3900	130	
FL03WPCS	PIR sensor	White RAL9016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	
				6500K	120°	3900	130	
FL03WXCS	Standard	White RAL9016	30W	3000K	120°	3000	100	
				4000K	120°	3300	110	
				6500K	120°	3900	130	

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm ² Ø7mm
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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FL05

50W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tilttable	180°
Rotatable	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	4 SDCM

Installation information

Inrush current	28A 13μs
Construction material	Anthracite painted cast aluminium
Suitable for coastal areas	Yes
Weight	1250g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.1mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	△°	lm	lm/W	Energy
FL05APCS	PIR sensor	Anthracite grey RAL7016	50W	3000K	120°	5000	100	
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05AXCS	Standard	Anthracite grey RAL7016	50W	3000K	120°	5000	100	
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05BPCS	PIR sensor	Black	50W	3000K	120°	5000	100	
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05BXCS	Standard	Black	50W	3000K	120°	5000	100	
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05WPCS	PIR sensor	White RAL9016	50W	3000K	120°	5000	100	
				4000K	120°	5600	112	
				6500K	120°	5100	102	
FL05WXCS	Standard	White RAL9016	50W	3000K	120°	5000	100	
				4000K	120°	5600	112	
				6500K	120°	5100	102	

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm ² Ø7mm
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Residential Floodlights

- High efficacy of up to 112lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

A unique 360° rotation for total flexibility, and a 180° tilt

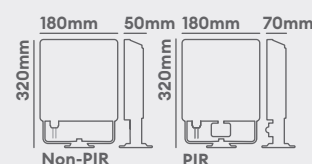
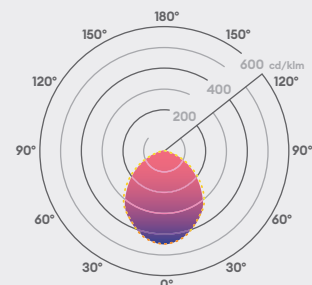
Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

PIR option provides override function to leave permanently on or off

Beam angle: C0/C180 C90/C270



Residential Floodlights



High efficacy of up to 118lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

Guarantee

5 years

Features & benefits

Colour switchable between 3 colour temperatures

IP65 rated, meaning it provides optimum protection against the impacts of rainwater and general adverse weather conditions

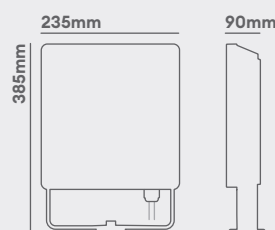
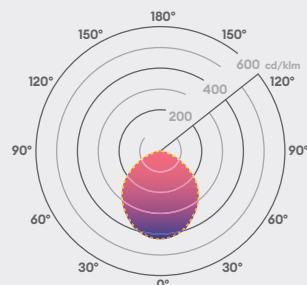
A unique 360° rotation for total flexibility, and a 180° tilt

Supplied with 1m cable

Wide 120° beam angle, reducing the number of fittings per area required

Performs in even more extreme conditions from -40°C to +40°C

Beam angle: C0/C180 C90/C270



FL10

100W colour switchable floodlight

Features

IK rating	IK07
IP rating	IP65
CSP switchable	Switchable CCT
Tilttable	180°
Rotatable	360°
UGR	UGR 14
Dimmable	No
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	4 SDCM

Installation information

Inrush current	75A 5μs
Construction material	Black painted cast aluminium
Suitable for coastal areas	Yes
Weight	2100g
Maximum ambient temperature	-40°C to 40°C
Electric class (1, 2, 3)	1
Earth leakage	0.3mA

Photometrics @ 25°C

Product code	Feature	Finish	W	Colour	△°	lm	lm/W	Energy
FL10BXC5	Standard	Black	100W	3000K	120°	10250	103	
				4000K	120°	11810	118	
				6500K	120°	10970	110	

Wiring information

Cable / flying lead	1m H05RN-F rubberised cable 3x1.0mm ² Ø7mm
Type of wiring required	Parallel

Accessories

N/A	No accessories required
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Strip lights

Flexible or rigid, Collingwood Lighting's wide offering of LED strip lights are a time efficient way of creating stunning results in almost any environment. We offer a bespoke cutting service on both the essential and premium range. As well as the bespoke cutting service, we offer a comprehensive range of accessories designed to ensure that installing these products is quick and easy. Choose from a range of styles and LED colours to emphasise signs, stairs and walls. Collingwood's LED products contain output control technology, ensuring that

all LEDs in the strip receive the same current are the same colour temperature and CRI throughout the entire length. Including IP rated strips in the product portfolio allows the option to install both in and outdoors, with very little maintenance required over time. Combined with the appropriate connectors, the need for unsightly wiring on display is eliminated, allowing the product to be displayed around sharp corners, resulting in a high-quality finish for any installation.



Choosing LED strip

Find the ideal LED strip for your installation

Use the tables below to find the ideal LED strip for your installation.

Neon (side bending)

Ideal for flat surfaces with a curved line of light.

Bend direction	IP rating	Wattage	Colour temperature	Length	Product code
Side	IP67	6.5W/m	2700K	3m	LSNS7327030
				5m	LSNS7327050
				10m	LSNS7327100
			3000K	3m	LSNS7330030
				5m	LSNS7330050
				10m	LSNS7330100
			4000K	3m	LSNS7340030
				5m	LSNS7340050
				10m	LSNS7340100
		9.6W/m	2700K	3m	LSNS7327030
				5m	LSNS7327050
				10m	LSNS7327100
			3000K	3m	LSNS7330030
				5m	LSNS7330050
				10m	LSNS7330100
			4000K	3m	LSNS7340030
				5m	LSNS7340050
				10m	LSNS7340100

Neon (top bending)

Ideal for flat surfaces with a curved line of light.

Bend direction	IP rating	Wattage	Colour temperature	Length	Product code
Top	IP67	6.5W/m	2700K	3m	LSNT7327030
				5m	LSNT7327050
				10m	LSNT7327100
			3000K	3m	LSNT7330030
				5m	LSNT7330050
				10m	LSNT7330100
			4000K	3m	LSNT7340030
				5m	LSNT7340050
				10m	LSNT7340100
		9.6W/m	2700K	3m	LSNT7327030
				5m	LSNT7327050
				10m	LSNT7327100
			3000K	3m	LSNT7330030
				5m	LSNT7330050
				10m	LSNT7330100
			4000K	3m	LSNT7340030
				5m	LSNT7340050
				10m	LSNT7340100

Flexible tape

(Current regulated - Up to 20m lengths)

Current regulated technology to ensure there is no loss in light output, regardless of how long the strip is or how far away the driver is.

IP rating	Wattage	Colour temperature	Length	Product code
IP68	4.8W/m	2700K	20m	LSC8227200
			Bespoke	LSC8227... ▶
		3000K	20m	LSC8230200
			Bespoke	LSC8230... ▶
		4000K	20m	LSC8240200
			Bespoke	LSC8240... ▶
	9.6W/m	2700K	20m	LSC8527200
			Bespoke	LSC8527... ▶
		3000K	20m	LSC8530200
			Bespoke	LSC8530... ▶
		4000K	20m	LSC8540200
			Bespoke	LSC8540... ▶
	14.4W/m	2700K	10m	LSC8427100
			Bespoke	LSC8427... ▶
		3000K	10m	LSC8430100
			Bespoke	LSC8430... ▶
		4000K	10m	LSC8440100
			Bespoke	LSC8440... ▶
	17W/m	2700K	10m	LSC8627100
			Bespoke	LSC8627... ▶
		3000K	10m	LSC8630100
			Bespoke	LSC8630... ▶
		4000K	10m	LSC8640100
			Bespoke	LSC8640... ▶

To finish your bespoke code, see bespoke lengths table.

Bespoke lengths

Add the below 3 digits to the end of your bespoke product code to get the exact length you need

Constant voltage:

Constant voltage strip is available in bespoke lengths up to 5m.

Current regulated:

Current regulated strip is available in bespoke lengths up to 20m.

Product code	Length (m)	Product code	Length (m)	Product code	Length (m)	Product code	Length (m)
001	0.1	051	5.1	101	10.1	151	15.1
002	0.2	052	5.2	102	10.2	152	15.2
003	0.3	053	5.3	103	10.3	153	15.3
004	0.4	054	5.4	104	10.4	154	15.4
005	0.5	055	5.5	105	10.5	155	15.5
006	0.6	056	5.6	106	10.6	156	15.6
007	0.7	057	5.7	107	10.7	157	15.7
008	0.8	058	5.8	108	10.8	158	15.8
009	0.9	059	5.9	109	10.9	159	15.9
010	1	060	6	110	11	160	16
011	1.1	061	6.1	111	11.1	161	16.1
012	1.2	062	6.2	112	11.2	162	16.2
013	1.3	063	6.3	113	11.3	163	16.3
014	1.4	064	6.4	114	11.4	164	16.4
015	1.5	065	6.5	115	11.5	165	16.5
016	1.6	066	6.6	116	11.6	166	16.6
017	1.7	067	6.7	117	11.7	167	16.7
018	1.8	068	6.8	118	11.8	168	16.8
019	1.9	069	6.9	119	11.9	169	16.9
020	2.0	070	7	120	12.0	170	17
021	2.1	071	7.1	121	12.1	171	17.1
022	2.2	072	7.2	122	12.2	172	17.2
023	2.3	073	7.3	123	12.3	173	17.3
024	2.4	074	7.4	124	12.4	174	17.4
025	2.5	075	7.5	125	12.5	175	17.5
026	2.6	076	7.6	126	12.6	176	17.6
027	2.7	077	7.7	127	12.7	177	17.7
028	2.8	078	7.8	128	12.8	178	17.8
029	2.9	079	7.9	129	12.9	179	17.9
030	3	080	8	130	13	180	18
031	3.1	081	8.1	131	13.1	181	18.1
032	3.2	082	8.2	132	13.2	182	18.2
033	3.3	083	8.3	133	13.3	183	18.3
034	3.4	084	8.4	134	13.4	184	18.4
035	3.5	085	8.5	135	13.5	185	18.5
036	3.6	086	8.6	136	13.6	186	18.6
037	3.7	087	8.7	137	13.7	187	18.7
038	3.8	088	8.8	138	13.8	188	18.8
039	3.9	089	8.9	139	13.9	189	18.9
040	4	090	9	140	14	190	19
041	4.1	091	9.1	141	14.1	191	19.1
042	4.2	092	9.2	142	14.2	192	19.2
043	4.3	093	9.3	143	14.3	193	19.3
044	4.4	094	9.4	144	14.4	194	19.4
045	4.5	095	9.5	145	14.5	195	19.5
046	4.6	096	9.6	146	14.6	196	19.6
047	4.7	097	9.7	147	14.7	197	19.7
048	4.8	098	9.8	148	14.8	198	19.8
049	4.9	099	9.9	149	14.9	199	19.9
050	5	100	10	150	15	200	20.0

Profile for neon side bending strip

Find the perfect profile for your neon strip

Use a profile to mount your neon strip to a surface.

Fixed straight

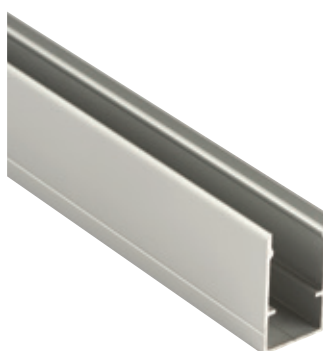
Ideal for surface mounting and creating straight lines



LSNS1217PPC

Side bending Neon strip polycarbonate profile

Product code	1m: LSNS1217PPC
Construction material	Polycarbonate
Dimensions	15 x 19 x 1000mm
Guarantee	3 year



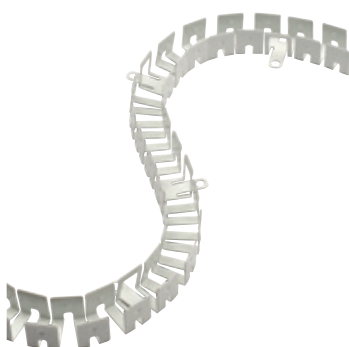
LSNS1217PAL

Side bend Neon strip aluminum profile, with cove for cable underneath the strip

Product code	1m: LSNS1217PAL
Construction material	Aluminium
Dimensions	15 x 25 x 1000mm
Guarantee	3 year

Side bending

Ideal for surface mounting and creating curved shapes



LSNS1217PFL

Side bending Neon strip flexible profile

Product code	0.5m: LSNS1217PFL
Construction material	Aluminium
Dimensions	28 x 12 x 500mm
Guarantee	3 year

Clips

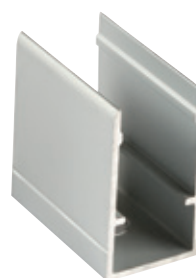
All purpose surface mounting clips



LSNS1217MPC

Side bending Neon strip polycarbonate clip
Install every 33cm

Product code	1m: LSNS1217MPC
Construction material	Polycarbonate
Dimensions	15 x 19 x 1000mm
Guarantee	3 year



LSNS1217MAL

Side bending Neon strip aluminum clip, with cove for cable underneath strip
Install every 33cm

Product code	1m: LSNS1217MAL
Construction material	Aluminium
Dimensions	15 x 19 x 1000mm
Guarantee	3 year

Profile for neon top bending strip

Find the perfect profile for your neon strip

Use a profile to mount your neon strip to a surface.

Fixed straight

Ideal for surface mounting and creating straight lines



LSNT1312PPC

Top bending Neon strip polycarbonate profile

Product code	1m: LSNT1312PPC
Construction material	Polycarbonate
Dimensions	15 x 15 x 1000mm
Guarantee	3 years



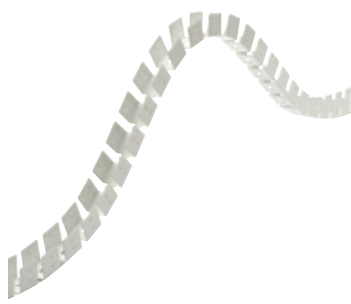
LSNT1312PAL

Top bend Neon strip aluminum profile, with cove for cable underneath the strip

Product code	1m: LSNT1312PAL
Construction material	Aluminium
Dimensions	15 x 19 x 1000mm
Guarantee	3 year

Top bending

Ideal for surface mounting and creating curved shapes



LSNT1312PFL

Top bending Neon strip flexible profile

Product code	50cm: LSNT1312PFL
Construction material	Aluminium
Dimensions	14 x 14 x 500mm
Guarantee	3 year

Clips

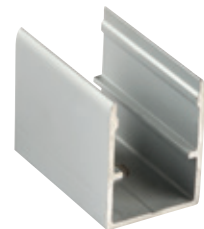
All purpose surface mounting clips



LSNT1312MPC

Top bending Neon strip polycarbonate clip
Install every 33cm

Product code	1m: LSNT1312MPC
Construction material	Polycarbonate
Dimensions	15 x 15 x 25mm
Guarantee	3 year



LSNT1312MAL

Top bending Neon strip aluminum clip, with cove for cable underneath strip
Install every 33cm

Product code	1m: LSNT1312MAL
Construction material	Aluminium
Dimensions	15 x 19 x 25mm
Guarantee	3 year

Choosing drivers for LED strip

Find the ideal driver for your strip

Use the matrix to find the perfect driver for your LED strip

	PSI524	PSMD3024	PS3024B	LSD6024
Driver information				
Constant current or Constant voltage	CV	CV	CV	CV
Output classification	24V	24V	24V	24V
IP rating	IP20	IP20	IP20	IP20
Dimmable	1-10V*	Mains	1-10V*	No
DIN rail mount	-	-	-	-
Plug & Play	-	-	-	-

Flexible tape - Current regulated				
LSC82				
LSC84				
LSC85				
LSC86				

Neon strip				
LSNS73	Up to 2.3m	Up to 4.6m	Up to 4.6m	Up to 9.2m
LSNS75	Up to 1.6m	Up to 3.1m	Up to 3.1m	Up to 6.2m
LSNT73	Up to 2.3m	Up to 4.6m	Up to 4.6m	Up to 9.2m
LSNT75	Up to 1.6m	Up to 3.1m	Up to 3.1m	Up to 6.2m



PSDIP6024	PS7524	PSMDIP10024	PSDIP10024	LSD12024	PSDAL20023	PSIP15024	PSIP25024
CV	CV	CV	CV	CV	CV	CV	CV
24V	24V	24V	24V	24V	24V	24V	24V
IP66	IP20	IP66	IP66	IP20	IP66	IP67	IP67
1-10V	No	Mains	1-10V*	1-10V*	DALI	1-10V*	1-10V*
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

*Requires a PDCINT1-10V interface to make it 1 - 10V dimmable

Up to 12.5m		Up to 20m	Up to 20m		Up to 20m	Up to 20m	Up to 20m
Up to 6.3m		Up to 10.4m	Up to 10.4m		Up to 20m	Up to 15.6m	Up to 20m
Up to 4.2m		Up to 6.9m	Up to 6.9m		Up to 10m	Up to 10m	Up to 10m
Up to 3.5m		Up to 5.9m	Up to 5.9m		Up to 10m	Up to 8.8m	Up to 10m

Up to 9.2m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m
Up to 6.3m	Up to 7.8m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m
Up to 9.2m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m
Up to 6.3m	Up to 7.8m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m	Up to 10m



Strip Lights

4.8W/m

Ideal for accent lighting with 4.8W/m

IP68

Ideal for wet environments with IP68

BESPOKE

Bespoke lengths available

Guarantee

5 years Cutting to required length will render this product non-returnable

Features & benefits

500mm flying leads soldered

Has high quality LED strip using current regulation without experiencing any light drop off

Long lengths (up to 20m) suffer no light loss

Cut points are every 100mm

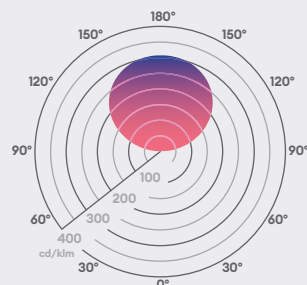
Quick and easy installation with 3M self-adhesive backing

High efficacy of 88lm/W

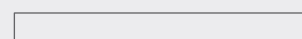
High-grade silicone extruded coating, UV resistant

CRI 90 providing true colour appearance

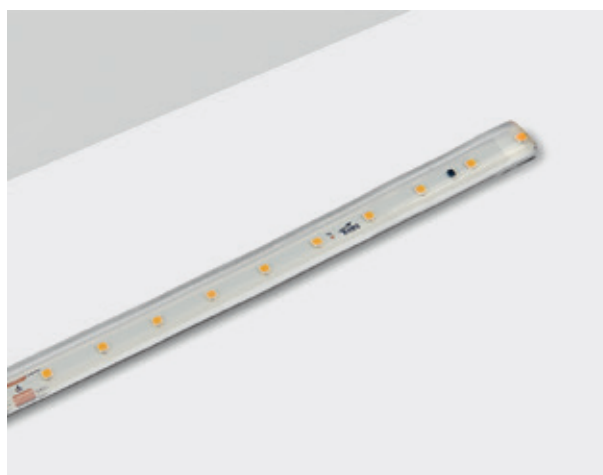
Beam angle: 120°



20m/100mm



12x5mm



LSC82

4.8 W/m, IP68, 24V current regulated, high CRI, self-adhesive, waterproof flexible strip

Features

Strip type	Flexible tape
IP rating	IP68
CSP switchable	Single CCT
Bespoke lengths	Yes
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED/m	60
Input	24V DC
LED lifetime	60,000h L70
CRI	90 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0
Construction material	Flexible tape with Silicone coating
Maximum running length	20 m
Weight	110g per meter
Maximum ambient temperature	-20°C - 45°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	△	lm	lm/W	Energy
LSC8227200	20 m	4.8W/m	2700K	120°	360	75	A++
LSC8230200	20 m	4.8W/m	3000K	120°	380	79	A++
LSC8240200	20 m	4.8W/m	4000K	120°	420	88	A++

Wiring information

Cable / flying lead	Supplied with 500mm, 0.5mm² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PS3024B	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	6m Max
PS7524	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	15m Max
PSIP15024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	31m Max

Accessories

LED STRIP PROFILE RANGE	Profile range to house adhesive strip	Sold Separately
LED COVE PACK	Coving to house adhesive strip	Sold Separately
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately

225



LSC85

9.6 W/m, IP68, 24V current regulated, high CRI, self-adhesive, waterproof flexible strip

Features

Strip type	Flexible tape
IP rating	IP68
CSP switchable	Single CCT
Bespoke lengths	Yes
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED/m	120
Input	24V DC
LED lifetime	60,000h L70
CRI	90 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0
Construction material	Flexible tape with Silicone coating
Maximum running length	20 m
Weight	147g per meter
Maximum ambient temperature	-20°C - 45°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	∠	lm	lm/W	Energy
LSC8527400	40 m	9.6W/m	2700K	120°	760	79	
LSC8530400	40 m	9.6W/m	3000K	120°	800	83	
LSC8540400	40 m	9.6W/m	4000K	120°	850	89	

Wiring information

Cable / flying lead	Supplied with 500mm, 0.5mm ² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
LSD6024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (l when dimming)	6m Max
LSD12024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (l when dimming)	12m Max
PSIP25024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (l when dimming)	26m Max

Accessories

LED STRIP PROFILE RANGE	Profile range to house adhesive strip	Sold Separately
LED COVE PACK	Coving to house adhesive strip	Sold Separately
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately 225
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately

Strip Lights

9.6W

Ideal for atmospheric light with 9.6W/m

IP68

Ideal for wet environments with IP68

BESPOKE

Bespoke lengths available

Guarantee

5 years Cutting to required length will render this product non-returnable

Features & benefits

500mm flying leads soldered

Has high quality LED strip using current regulation without experiencing any light drop off

Long lengths (up to 20m) suffer no light loss

Cut points are every 50mm

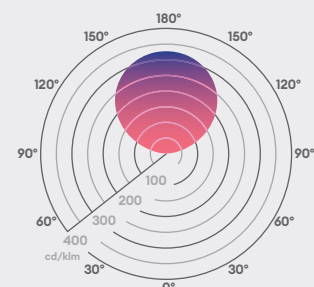
Quick and easy installation with 3M self-adhesive backing

High efficacy of 89lm/W

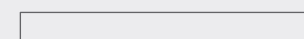
High-grade silicone extruded coating, UV resistant

CRI 90 providing true colour appearance

Beam angle: 120°



20m/50mm



14x5mm

Strip Lights

14.4W Ideal for primary light with 14.4W/m

IP68 Ideal for wet environments with IP68

BESPOKE Bespoke lengths available

Guarantee

5 years Cutting to required length will render this product non-returnable

Features & benefits

500mm flying leads soldered

Has high quality LED strip using current regulation without experiencing any light drop off

Long lengths (up to 10m) suffer no light loss

Cut points are every 50mm

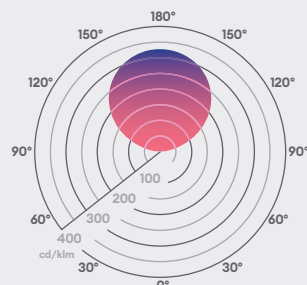
Quick and easy installation with 3M self-adhesive backing

High efficacy of 87lm/W

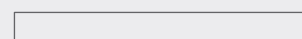
High-grade silicone extruded coating, UV resistant

CRI 90 providing true colour appearance

Beam angle: 120°



10m/50mm



14x5mm



LSC84

14.4 W/m, IP68, 24V current regulated, high CRI, self-adhesive, waterproof flexible strip

Features

Strip type	Flexible tape
IP rating	IP68
CSP switchable	Single CCT
Bespoke lengths	Yes
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED/m	120
Input	24V DC
LED lifetime	60,000h L70
CRI	90 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0
Construction material	Flexible tape with Silicone coating
Maximum running length	10 m
Weight	147g per meter
Maximum ambient temperature	-20°C - 40°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	△	lm	lm/W	Energy
LSC8427400	40 m	14.4W/m	2700K	120°	1050	73	
LSC8430400	40 m	14.4W/m	3000K	120°	1150	80	
LSC8440400	40 m	14.4W/m	4000K	120°	1250	87	

Wiring information

Cable / flying lead	Supplied with 500mm, 0.5mm² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
LSD6024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	4m Max
LSD12024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	8m Max
PSIP25024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	17m Max

Accessories

LED STRIP PROFILE RANGE	Profile range to house adhesive strip	Sold Separately
LED COVE PACK	Coving to house adhesive strip	Sold Separately
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately 225
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately



LSC86

17.0 W/m, IP68, 24V current regulated, high CRI, self-adhesive, waterproof flexible strip

Features

Strip type	Flexible tape
IP rating	IP68
CSP switchable	Single CCT
Bespoke lengths	Yes
Self-adhesive backing	Yes
Dimmable option	Driver dependent
LED/m	144
Input	24V DC
LED lifetime	60,000h L70
CRI	90 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0
Construction material	Flexible tape with Silicone coating
Maximum running length	10 m
Weight	126g per meter
Maximum ambient temperature	-20°C - 40°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	∠	lm	lm/W	Energy
LSC8627400	40 m	17.0W/m	2700K	120°	1250	74	
LSC8630400	40 m	17.0W/m	3000K	120°	1350	79	
LSC8640400	40 m	17.0W/m	4000K	120°	1400	82	

Wiring information

Cable / flying lead	Supplied with 500mm, 0.5mm ² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
PS7524	220-240V	Yes	Yes (with PDCINT1-10V)	0 (I when dimming)	3m Max
PSIP15024	220-240V	Yes	Yes (with PDCINT1-10V)	0 (I when dimming)	8m Max
PSIP25024	220-240V	Yes	Yes (with PDCINT1-10V)	0 (I when dimming)	14m Max

Accessories

LED STRIP PROFILE RANGE	Profile range to house adhesive strip	Sold Separately
LED COVE PACK	Coving to house adhesive strip	Sold Separately
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately 225
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately

Strip Lights

17W

Ideal for primary light with 17W/m

IP68

Ideal for wet environments with IP68

BESPOKE

Bespoke lengths available

Guarantee

5 years Cutting to required length will render this product non-returnable

Features & benefits

500mm flying leads soldered

Has high quality LED strip using current regulation without experiencing any light drop off

Long lengths (up to 10m) suffer no light loss

Cut points are every 41.6mm

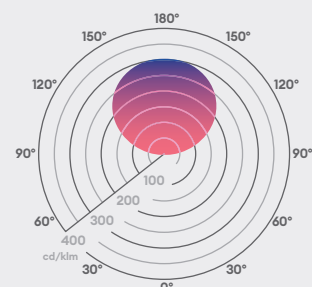
Quick and easy installation with 3M self-adhesive backing

High efficacy of 82lm/W

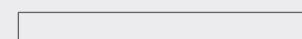
High-grade silicone extruded coating, UV resistant

CRI 90 providing true colour appearance

Beam angle: 120°



10m/41.6mm



14x5mm

Strip Lights



Ideal for accent lighting with 6.5W/m



Ideal for wet environments with IP67 rating



Side bending strip

Guarantee

5 years

Features & benefits

500mm flying leads soldered

High quality LED strip maintaining light quality and consistency

Long lengths (LSNS73 up to 10m / LSNS75 up to 5m) suffer no light loss

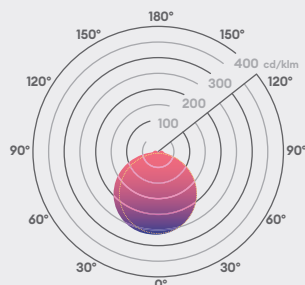
Cut points are every 50mm

A range of fixing accessories, both rigid and flexible, allowing various installations. Fixing accessories need to be acquired to allow install the neon strip

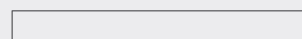
Has a high-grade silicone extruded coating, UV and Chemicals resistant

CRI 80 providing true colour appearance

Beam angle: 120°



3m,5m,10m/50mm



LSNS73

6.5 W/m, IP67, 24V constant voltage, side bend, waterproof flexible neon strip

Features

Strip type	Flexible tape
IP rating	IP67
CSP switchable	Single CCT
Bespoke lengths	No
Self-adhesive backing	No
Dimmable option	Driver dependent
LED/m	140
Input	24V DC
LED lifetime	60,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0, 1 (with dimming)
Construction material	Flexible tape with Silicone coating
Maximum running length	10 m
Weight	234g per meter
Maximum ambient temperature	-20°C - 40°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	Beam angle	lm	lm/W	Energy
LSNS7327030	3 m	6.5W/m	2700K	120°	290	45	100lm/W
LSNS7327050	5 m	6.5W/m	2700K	120°	290	45	100lm/W
LSNS7327100	10 m	6.5W/m	2700K	120°	290	45	100lm/W
LSNS7330030	3 m	6.5W/m	3000K	120°	310	47	100lm/W
LSNS7330050	5 m	6.5W/m	3000K	120°	310	47	100lm/W
LSNS7330100	10 m	6.5W/m	3000K	120°	310	47	100lm/W
LSNS7340050	5 m	6.5W/m	4000K	120°	315	48	100lm/W
LSNS7340100	10 m	6.5W/m	4000K	120°	315	48	100lm/W

Wiring information

Cable / flying lead	Supplied with 500mm, 0.5mm² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
LSD6024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	9m Max
PS7524	220-240V 50/60Hz	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	11m Max
PSIP15024	220-240V 50/60Hz	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	23m Max

Accessories

LSNS12	Range of connection and fixing accessories	Sold Separately	178
LED STRIP PROFILE RANGE	Profile range to house neon strip	Sold Separately	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately	



LSNS75

9.6 W/m, IP67, 24V constant voltage, side bend, waterproof flexible neon strip

Features

Strip type	Side bending
IP rating	IP67
CSP switchable	Single CCT
Bespoke lengths	No
Self-adhesive backing	No
Dimmable option	Driver dependent
LED/m	140
Input	24V DC
LED lifetime	60,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0, 1 (with dimming)
Construction material	Flexible tape with Silicone coating
Maximum running length	5 m
Weight	234g per meter
Maximum ambient temperature	-20°C - 40°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	∠	lm	lm/W	Energy
LSNS7527030	3 m	9.6W/m	2700K	120°	450	47	
LSNS7527050	5 m	9.6W/m	2700K	120°	450	47	
LSNS7530030	3 m	9.6W/m	3000K	120°	460	48	
LSNS7530050	5 m	9.6W/m	3000K	120°	460	48	
LSNS7540030	3 m	9.6W/m	4000K	120°	470	49	
LSNS7540050	5 m	9.6W/m	4000K	120°	470	49	

Wiring information

Cable / flying lead	Supplied with 500mm, 0.5mm² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
LSD6024	220-240V	Yes	Yes (with PDCINT1-10V)	0 (l when dimming)	6m Max
LSD12024	220-240V	Yes	Yes (with PDCINT1-10V)	0 (l when dimming)	12m Max
PSIP25024	220-240V	Yes	Yes (with PDCINT1-10V)	0 (l when dimming)	26m Max

Accessories

LSNS12	Range of connection and fixing accessories	Sold Separately	178
LED STRIP PROFILE RANGE	Profile range to house neon strip	Sold Separately	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately	

Strip Lights



Ideal for atmospheric light with 9.6W/m



Ideal for wet environments with IP67 rating



Side bending strip

Guarantee

5 years

Features & benefits

500mm flying leads soldered

High quality LED strip maintaining light quality and consistency

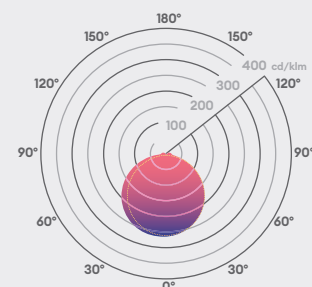
Long lengths (LSNS73 up to 10m / LSNS75 up to 5m) suffer no light loss

Cut points are every 50mm

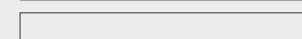
A range of fixing accessories, both rigid and flexible, allowing various installations. Fixing accessories need to be acquired to allow install the neon strip

Has a high-grade silicone extruded coating, UV and Chemicals resistant

Beam angle: 120°



3m,5m/50mm



Strip Lights



Ideal for accent lighting with 6.5W/m



Ideal for wet environments with IP67 rating



Top bending strip

Guarantee

5 years

Features & benefits

500mm flying leads soldered

High quality LED strip maintaining light quality and consistency

Long lengths (LSNS73 up to 10m / LSNS75 up to 5m) suffer no light loss

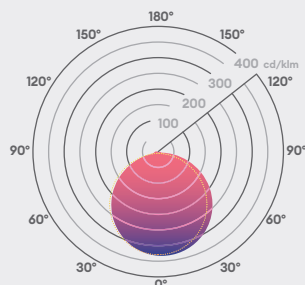
Cut points are every 50mm

A range of fixing accessories, both rigid and flexible, allowing various installations. Fixing accessories need to be acquired to allow install the neon strip

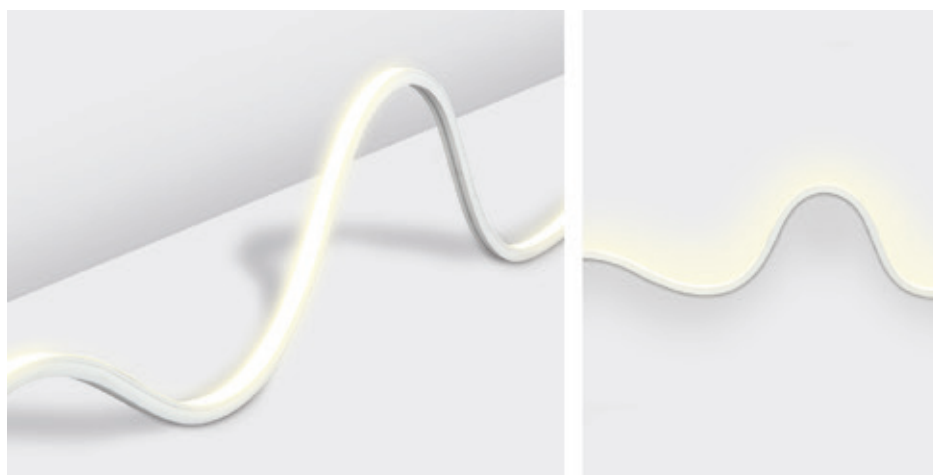
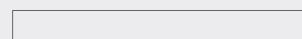
Has a high-grade silicone extruded coating, UV and Chemicals resistant

CRI 80 providing true colour appearance

Beam angle: 120°



3m,5m,10m/50mm



LSNT73

6.5 W/m, IP67, 24V constant voltage, top bend, waterproof flexible neon strip

Features

Strip type	Top bending
IP rating	IP67
CSP switchable	Single CCT
Bespoke lengths	No
Self-adhesive backing	No
Dimmable option	Driver dependent
LED/m	140
Input	24V DC
LED lifetime	60,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0, 1 (with dimming)
Construction material	Flexible tape with Silicone coating
Maximum running length	10 m
Weight	172g per meter
Maximum ambient temperature	-20°C - 40°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	∠	lm	lm/W	Energy
LSNT7327030	3 m	6.5W/m	2700K	120°	510	78	
LSNT7327050	5 m	6.5W/m	2700K	120°	510	78	
LSNT7327100	10 m	6.5W/m	2700K	120°	510	78	
LSNT7330030	3 m	6.5W/m	3000K	120°	520	80	
LSNT7330050	5 m	6.5W/m	3000K	120°	520	80	
LSNT7330100	10 m	6.5W/m	3000K	120°	520	80	
LSNT7340030	3 m	6.5W/m	4000K	120°	530	81	
LSNT7340050	5 m	6.5W/m	4000K	120°	530	81	
LSNT7340100	10 m	6.5W/m	4000K	120°	530	81	

Wiring information

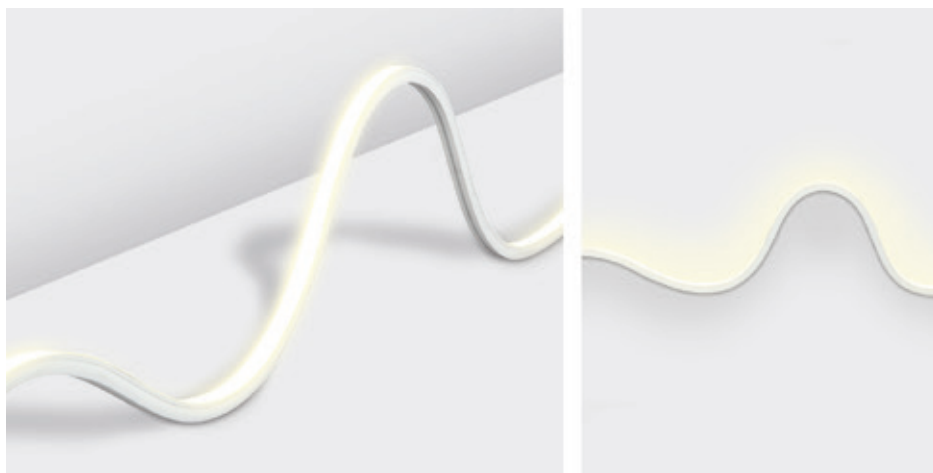
Cable / flying lead	Supplied with 500mm, 0.5mm² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
LSD6024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	9m Max
PS7524	220-240V 50/60Hz	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	11m Max
PSIP15024	220-240V 50/60Hz	Yes	Yes (with PDCINT 1-10V)	0 (1 when dimming)	23m Max

Accessories

LSNTI3	Range of connection and fixing accessories	Sold Separately	179
LED STRIP PROFILE RANGE	Profile range to house neon strip	Sold Separately	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately	



LSNT75

9.6 W/m, IP67, 24V constant voltage, top bend, waterproof flexible neon strip

Features

Strip type	Top bending
IP rating	IP67
CSP switchable	Single CCT
Bespoke lengths	No
Self-adhesive backing	No
Dimmable option	Driver dependent
LED/m	140
Input	24V DC
LED lifetime	60,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Bathroom zone	0, 1 (with dimming)
Construction material	Flexible tape with Silicone coating
Maximum running length	5 m
Weight	172g per meter
Maximum ambient temperature	-20°C - 40°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Reel length	W	CCT	∠	lm	lm/W	Energy
LSNT7527030	3 m	9.6W/m	2700K	120°	770	80	
LSNT7527050	5 m	9.6W/m	2700K	120°	770	80	
LSNT7530030	3 m	9.6W/m	3000K	120°	780	81	
LSNT7530050	5 m	9.6W/m	3000K	120°	780	81	
LSNT7540030	3 m	9.6W/m	4000K	120°	792	82	
LSNT7540050	5 m	9.6W/m	4000K	120°	792	82	

Wiring information

Cable / flying lead	Supplied with 500mm, 0.5mm ² flying lead from one end
Type of wiring required	Parallel

Recommended LED drivers

Product code	Input	SELV	Dimming	Bathroom zone	Products per driver
LSD6024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (l when dimming)	6m Max
LSD12024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (l when dimming)	12m Max
PSIP25024	220-240V	Yes	Yes (with PDCINT 1-10V)	0 (l when dimming)	26m Max

Accessories

LSNTI3	Range of connection and fixing accessories	Sold Separately	179
LED STRIP PROFILE RANGE	Profile range to house neon strip	Sold Separately	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	Sold Separately	225
PDCINT1-10V	1-10V, Push, DALI dimming interface for use with 24V LED drivers	Sold Separately	

Strip Lights

- Ideal for atmospheric light with 9.6W/m
- Ideal for wet environments with IP67 rating
- Top bending strip

Guarantee

5 years

Features & benefits

500mm flying leads soldered

High quality LED strip maintaining light quality and consistency

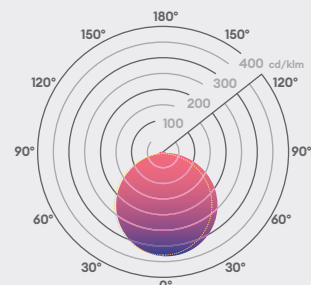
Long lengths (LSNS73 up to 10m / LSNS75 up to 5m) suffer no light loss

Cut points are every 50mm

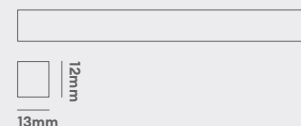
A range of fixing accessories, both rigid and flexible, allowing various installations. Fixing accessories need to be acquired to allow install the neon strip

Has a high-grade silicone extruded coating, UV and Chemicals resistant

Beam angle: 120°



3m, 5m / 50mm



Colour Change

Our RGBW range of colour change products provides increased flexibility to improve the atmosphere of indoor and outdoor spaces. The difference between RGB and RGBW is a white LED. Adding white to the colour mix gives the option to create pastel shades as well as vibrant colour choices. RGBW can also be run on white, giving you the option of more natural lighting when required.

To complement our RGBW products we also offer a new control system range. This makes it easy to create different lighting zones allowing individual control of separate areas using a single hand held control, wall mounted control or a smart device App for Android and iOS.



3 Simple steps

Remote to product

Follow the guide below to set up your colour change installation.

Products

What products do you want?

You will need cable to connect your products to your drivers

Drivers

You will need at least one driver per zone, dependant on how many products you would like to install within that zone.

Are you using an RF remote, DMX or DALI control system?

What wattage driver do you need to power your products?



If you want to colour cycle across multiple zone we recommend using power repeaters or for larger projects DMX drivers.

Remotes

How many zones / rooms do you need?

Which remote covers the number of zones you need?

Is a DMX control system already in place or do you need more than 8 zones? (Use a DMX control system in this case)



It is not advised to put RGB & RGBW products in the same zone, as the colours will not always match.

1 Choose your product

Constant current products



Constant voltage product



2 Choose control method and driver

Constant current 75W drivers



75W RF, DMX
and DALI drivers

Constant voltage 24V 100W drivers



100W RF, DMX
and DALI drivers

Constant Voltage 24V 200W drivers



200W RF, DMX
and DALI drivers

3 Choose your controller (RF only)



Wall mounted

CCWALLRFW / CCWALLRFB

Zones 1 - 4



Hand held

CCREMOTEB

Zones 1 - 4



Phone App

CollingwoodRGBW App

Zones 1 - 8



CCRFCNVWIFI

Zones

Remotes

A zone can cover any space you choose. They are often assigned to different areas of your landscape and you can adjust them completely independently from one another using your remote control.

Once you have decided how many zones you require, you will need to select a remote that is capable of covering that number of zones. You are able to use multiple remotes as long as they are all capable of covering the number of zones you have.

Wall mounted remote control - CCWALLRFW / CCWALLRFB - 1-4 zones

Hand held remote control - CCREMOTEB - 1-4 zones

CollingwoodRGBW app - with CCRFCONVWIFI - 1-8 zones

Zone 1

Zone 2

Zone 3

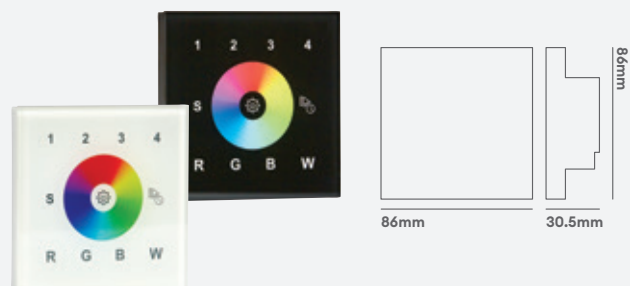
Zone 4

CCWALLRFW / CCWALLRFB

Wall mounted RGBW remote control

Controlling Collingwood Lighting's RGB & RGBW ranges could not be easier with this wall mounted remote control. Using radio frequency (RF) removes the need to connect a signal cable to the controller for a cleaner and quicker installation. By simply touching the screen, select solid colours or start a cycle to change the atmosphere. Colours can also be dimmed by holding down the colour button. Select up to 4 zones to give individuality to each room.

Note: The CCWALLRF requires 240V AC supply.



CCREMOTEB

Handheld remote control

Controlling RGB & RGBW lights could not be easier with this remote control. Using RF removes the need to connect a signal cable to the controller for a cleaner and quicker installation. Select solid colours or start a colour changing cycle to create the perfect atmosphere. Colours can also be dimmed by holding down the colour button. From just one remote control you can select up to 4 different rooms and change the colours individually to suit. A maximum of 8 remote controls can be used and programmed to store your favourite colours.

Note: Requires 3 x AAA batteries (not included)



If you require more than 8 zones you will need to use a DMX control system

Zone 5

Zone 6

Zone 7

Zone 8

CollingwoodRGBW App

iPhone, iPad & Android app for wireless control

Control RGB & RGBW products with a smart device for up to 8 zones. By simply touching the screen, select solid colours, start a cycle or control lights via a sound to light option. The app can be downloaded for free on Android and iOS.

Note: Use in conjunction with CCRFCONVWIFI



CCRFCONVWIFI

WiFi to RF converter










Controlling RGB & RGBW products with a phone, computer or tablet could not be easier with the CCRFCONVWIFI. Simply add this unit into your Collingwood Lighting colour change installation and select millions of colours in comfort. Using the CollingwoodRGBW app simply connect directly to the CCRFCONVWIFI or via your own WiFi.



Drivers

Which one and what power supply?

Choose the driver that is required for your installation.

	RF drivers	DMX drivers	DALI drivers
Which driver type do you need?	RF drivers allow wireless control from a hand-held remote controller, a wall mounted touch panel or a phone app via the Wi-Fi converter. A driver can be paired with up to 8 individual remotes and each remote can control multiple drivers in up to 8 zones.	DMX allows for wired control of up to 128 different zones, and multiple drivers can be assigned to each zone to keep the lights perfectly in sync. These drivers also support RDM for more advanced control and management with RDM-enabled controllers.	Use a DALI driver for integration with an existing DALI control system. These drivers allow for up to 16 RGBW zones or up to 64 single-colour zones on a standard DALI system.
75W Driver for all RGBW products excluding LED Strip	 CCDRV75RF	 CCDRV75DMX	 CCDRV75DALI
100W Driver For LED Strip only	 CCDRV100RF	 CCDRV100DMX	 CCDRV100DALI
200W Driver For LED Strip only	 CCDRV200RF	 CCDRV200DMX	 CCDRV200DALI



If you want to colour cycle across multiple zone we recommend using power repeaters or for larger projects DMX drivers.

Constant current switchable mA drivers

All our 75W constant current drivers are mA switchable, giving you 16 options to choose from, 250mA - 1500mA



Drive current mA switches

Calculate how many drivers you need for the products you have

Must have at least one driver per zone. Can have multiple drivers per zone to get more products within the zone.

75W Constant current drivers

Product code	Product family	Max products per 75W driver	Drive current mA setting
GL016RGBW	Ground Light	13	350mA
GL040CARGB	Ground Light	13	350mA
GL050RGBW	Ground Light	13	350mA
GL090RGBW	Ground Light	4	350mA
GLTXS119RGBW	Ground Light	4	300mA
GLTXS147RGBW	Ground Light	2	300mA
GLTXS165RGBW	Ground Light	1	300mA
GLTXS193RGBW	Ground Light	3	900mA
GLTXS223RGBW	Ground Light	1	600mA
FOUX167RGBW	Ground Light	1	600mA
UL010RGBW	Feature Light	13	350mA
UL030RGBW	Feature Light	4	350mA
UL345CARGB	Uplight	1	350mA
UL346CARGB	Uplight	1	350mA
UL347CARGB	Uplight	1	350mA
WL070RGBW	Wall Light	1	350mA

Cable run guidance, from controller to products

350mA RGBW products

From power repeater to 350mA product when using **0.5mm cable**, the maximum distance cable run is **50m**

From power repeater to 350mA product when using **0.75mm cable**, the maximum distance cable run is **75m**

From power repeater to 350mA product when using **1.0mm cable**, the maximum distance cable run is **100m**

From power repeater to 350mA product when using **1.5mm cable**, the maximum distance cable run is **150m**

24V RGBW strip

From controller to strip when using **0.75mm cable**, the maximum distance cable run is **20m**

From controller to strip when using **1.5mm cable**, the maximum distance cable run is **40m**

Power repeaters

Which one and how many?

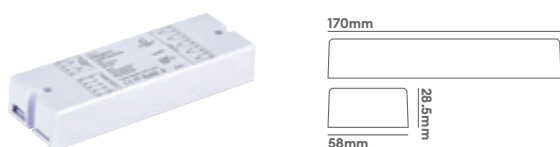
If you are using RF control and you need several different circuits to colour cycle together, you can use power repeaters to extend the output of the driver.

Only required
for RF colour
cycling

For all constant current products use the PR3011

PR3011 - 350mA RGB & RGBW Power repeater

A 350mA power supply for the RGB & RGBW product range. Simply wire up to 100 PR3011 to a driver for a quick and simple colour change installation, giving you the ability to have as many as 600 luminaires per zone.



Calculate how many PR3011's you need for the products you have

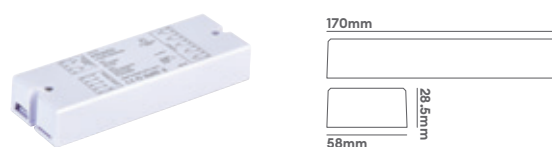
NOTE: Tilt and Fountain lights are not suitable with PR3011

Product code	Product family	Max. per PR3011
GL016RGBW	Ground Light	6
GL040CARGB	Ground Light	6
GL050RGBW	Ground Light	6
GL090RGBW	Ground Light	2
UL010RGBW	Pond Light	6
UL030RGBW	Pond Light	2
UL345CARGB	Uplight	1
UL346CARGB	Uplight	1
UL347CARGB	Uplight	1
WL070RGBW	Wall Light	1

For all constant voltage products use the PR3002

PR3002 - 24V RGB & RGBW Power repeater

A 24V power supply for the strip product range. Simply wire up to 100 to a driver for a quick and simple colour change installation, giving you the ability to have as many as 1000 metres of LED strip per zone.



Calculate how many PR3002's you need for the products you have

LSR05 (RGBW strip) - Bespoke lengths available

Length of strip per power repeater	Wattage driver needed	Product (driver)
Up to 2m per PR3002	60W	LSD6024
Up to 5m per PR3002	120W	LSD12024
Up to 10m per PR3002	150W	PSIP15024

! For all strip, you can put up to 5m on one circuit per PR3002, but for 5-10m you will need to put the strip on two circuits per PR3002 (see product instructions).

! Don't forget you'll need 300mm of CF505RGBW cable for every power repeater you use.

Don't forget your 24V driver to power your power repeater

Number of power repeaters	Wattage driver needed	Product (driver)
1	60W	LSD6024
2-3	120W	LSD12024
4-5	150W	PSIP15024

The products will be powered by power repeaters that require a 24V driver. The table shows you which driver you need for the number of power repeaters you are using. **If you require more than 5 power repeaters you will need another driver.**

In the example we calculated that we need 3 x PR3011. Using the table to the left we can see that we need a 100W driver. This means that you will need to order the following...



Wiring

For your colour change products

You may need additional cables to connect your colour change products.



CR575RGBW

5-core PVC cable

Product code	CR575RGBW
Construction material	Copper cable
Cable	PVC 5 x 0.75mm ²
Guarantee	1 year extended warranty

Use in conjunction with:

All RGBW products

JB7



LEDRGBWEXT

Colour change extension lead for RGBW products

Product code	LEDRGBWEXT
Construction material	Copper cable (PVC)
Cable	1m (AWG 24) (5 x 0.25mm ²)
Series	Series (Plug & Play)
Guarantee	1 year extended warranty

Use in conjunction with:

DL329RGBW

LL090RGBW

WL070RGBW



CF505RGBW

5-core RGBW ribbon cable

Product code	CF505RGBW
Construction material	Copper cable
Cable	(AWG 24) (5 x 0.25mm ²)
Guarantee	1 year extended warranty

Use in conjunction with:

PR3011

PR3002



DMX RS 485 CABLE

3-core shielded cable

Product code	DMX RS 485 CABLE
Construction material	Copper cable
Cable	0.15mm ²
Guarantee	1 year extended warranty

Use in conjunction with:

CCDRV75DMX

CCDRV100DMX

CCDRV200DMX

Colour Change



RGBW



IP67 for complete protection against ingress of dust and water



IK10 for protection against high impact

Guarantee

5 years

Features & benefits

Suitable for coastal applications

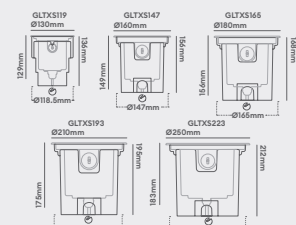
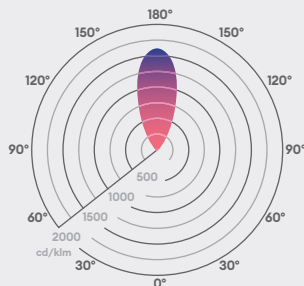
Tilt angle of luminaire is adjustable, just turn knob to tilt the light distribution up to 25 degrees

Static loading capacity is 2000kg

Pre-wired with 1 meter of cable to aid the installer

TRIAC mains dimmable and DALI-2 dimmable options also available

Beam angle: 40°



Tilt RGBW ground light

Driverless, RGBW Colour Change

Features

IK rating	IK10
IP rating	IP67
RGB / RGBW	RGBW
Walk over / Drive over	Drive over (15mph maximum)
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	119/147/165
Bathroom zone	2
Construction material	Anodised aluminium body, 316 SS bezel
Suitable for coastal areas	Yes
Weight	GLTM_11: 0.99kg, GLTM_14: 1.56kg, GLTM_16: 2.03kg
Maximum ambient temperature	-25 to +40 deg
SELV	N/A
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	Type	W	CCT	∠°	lm	lm/W	Energy
GLTXS119RGBW	Stainless steel 316	Ø119mm cut-out	2W	White (3000K)	40°	80	28	
			2W	Red	40°	60	26	
			2W	Green	40°	90	30	
			2W	Blue	40°	30	9	
GLTXS147RGBW	Stainless steel 316	Ø147mm cut-out	4W	White (3000K)	40°	160	28	
			3W	Red	40°	130	30	
			4W	Green	40°	190	37	
			4W	Blue	40°	60	11	
GLTXS165RGBW	Stainless steel 316	Ø165mm cut-out	5.5W	White (3000K)	40°	260	28	
			4.5W	Red	40°	190	30	
			5W	Green	40°	300	37	
			5W	Blue	40°	100	11	

Wiring information

Cable / flying lead	Pre-wired 1.0M H05RN-F, 5x1.0mm ²
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB5	Gel filled waterproof junction box	Sold Separately	224
CCDRV75DMX	Colour Change CC Driver, 8-43V 75W, DMX 4CH	Sold Separately	196
CCDRV75DALI	Colour Change CC Driver, 8-43V 75W, DALI-2 4CH	Sold Separately	196
CCDRV75RF	Colour Change CC Driver, 8-43V 75W, RF 4CH	Sold Separately	196
CCRCONVWIFI	Colour Change RF-WIFI Wall Control, 12VDC	Sold Separately	195



Tilt RGBW ground light

Driverless, RGBW Colour Change

Features

IK rating	IK10
IP rating	IP67
RGB / RGBW	RGBW
Walk over / Drive over	Drive over (15mph maximum)
Input	220-240V 50/60Hz
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	193/223mm
Bathroom zone	2
Construction material	Anodised aluminium body, 316 SS bezel
Suitable for coastal areas	Yes
Weight	GLTM_19: 3.26kg, GLTM_22: 3.98kg
Maximum ambient temperature	-25 to +40 deg
SELV	N/A
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	Type	W	CCT	Beam angle	lm	lm/W	Energy
GLTXS193RGBW	Stainless steel 316	Ø193mm cut-out	9W	White (3000K)	40°	360	28	
			7W	Red	40°	275	33	
			9W	Green	40°	400	37	
			9W	Blue	40°	150	12	
GLTXS223RGBW	Stainless steel 316	Ø223mm cut-out	11.5W	White (3000K)	40°	510	28	
			9W	Red	40°	380	39	
			11.5W	Green	40°	560	41	
			12W	Blue	40°	190	13	

Wiring information

Cable / flying lead	Pre-wired 1.0M H05RN-F, 5x1.0mm ²
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB5	Gel filled waterproof junction box	Sold Separately	224
CCDRV75DMX	Colour Change CC Driver, 8-43V 75W, DMX 4CH	Sold Separately	196
CCDRV75DALI	Colour Change CC Driver, 8-43V 75W, DALI-2 4CH	Sold Separately	196
CCDRV75RF	Colour Change CC Driver, 8-43V 75W, RF 4CH	Sold Separately	196
CCRCONVWIFI	Colour Change RF-WIFI Wall Control, 12VDC	Sold Separately	195

Colour Change



RGBW



IP67 for complete protection against ingress of dust and water



IK10 for protection against high impact

Guarantee

5 years

Features & benefits

Suitable for coastal applications

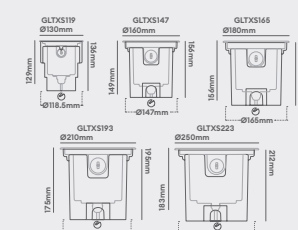
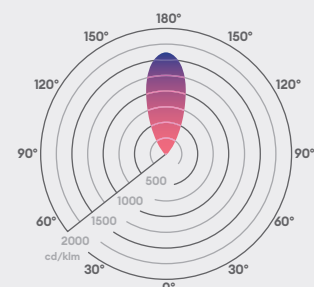
Tilt angle of luminaire is adjustable, just turn knob to tilt the light distribution up to 25 degrees

Static loading capacity is 2000kg

Pre-wired with 1 meter of cable to aid the installer

TRIAC mains dimmable and DALI-2 dimmable options also available

Beam angle: 40°



Colour Change



RGBW



IP68 suitable for full submersion into water



Suitable for coastal C5 application and high acid and alkali environment use

Guarantee

5 years

Features & benefits

316 Stainless steel housing and titanium cover provides outstanding corrosion resistance

Clear but strong 8mm tempered glass cover provides high efficiency and clear colour accuracy

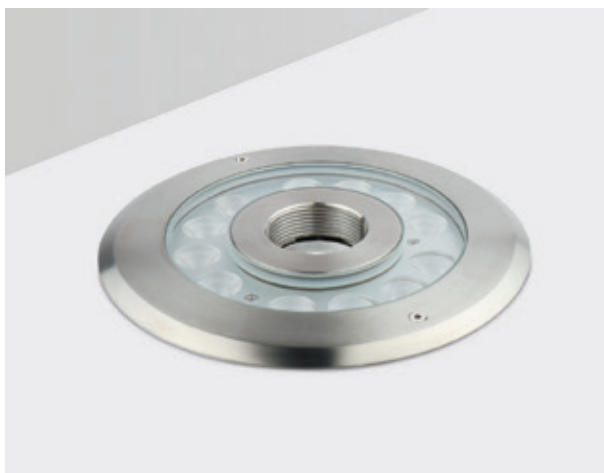
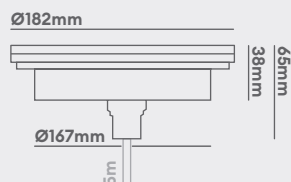
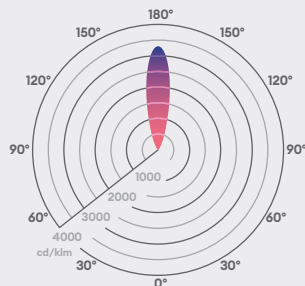
TRIAC mains dimmable as standard with RGBW option

Pre-wired with 5 metres of cable to aid the installer

To be installed under water to prevent over-heating

24V version available

Beam angle: 35°



Fountain RGBW

Water feature light

Features

IK rating	IK08
IP rating	IP68
RGB / RGBW	RGBW
Walk over / Drive over	Walk over
Input	600mA
LED lifetime	50,000h L70
CRI	80 Ra
SDCM	3 SDCM

Installation information

Cut out size	Ø 167mm
Bathroom zone	0, 1 (with dimming)
Construction material	316 Stainless Steel
Suitable for coastal areas	Yes
Weight	2.58kg
Maximum ambient temperature	-25°C to +40°C
SELV	Yes
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
FOUX167RGBW	Stainless steel 316	13W	White (3000K)	35°	350	40	
		10W	Red	35°	500	40	
		13W	Green	35°	200	15	
		13W	Blue	35°	500	35	

Wiring information

Cable / flying lead	Pre-wired 5.0M H05RN-F, 2x1.0mm2
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB7	5 pole screw terminal IP68 connector	Sold Separately	224
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GL090RGBW

High output LED colour change ground light (12W max.)

Features

IK rating	IK08
IP rating	IP67
RGB / RGBW	RGBW
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	N/A

Installation information

Cut out size	Ø 70mm
Bathroom zone	1
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	900g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL090RGBW	Stainless steel	3W	White (4000K)	45°	177	59	
		2W	Red	45°	106	53	
		3W	Green	45°	185	62	
		3W	Blue	45°	43	14	

Wiring information

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

TUBE/68	Installation tube	Sold Separately	111
JB7	5-pole IP68 inline connector	Sold Separately	224
CR575RGBW	5-core PVC cable	Sold Separately	199
CCRCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194

Colour Change



RGBW



Coastal protected



IK08 suitable for pathways

Guarantee

5 years

Features & benefits

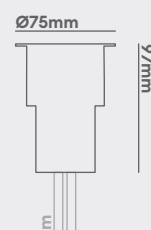
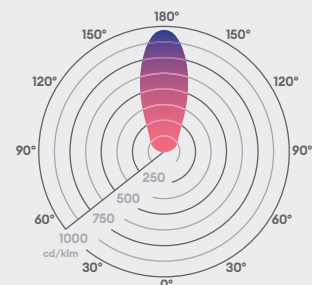
High output colour change for large areas

Marine grade stainless steel for use in outdoor and indoor environments

Separate white LED for permanent use

Compatible with a large range of controllers

Beam angle: 45°



Colour Change



RGB



Coastal protected



IK08 suitable for pathways

Guarantee

5 years

Features & benefits

Low profile for easy installation

Installation tube available

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments



GL040CARGB

Colour change LED ground light (3.5W max.)

Features

IK rating	IK08
IP rating	IP67
RGB / RGBW	RGB
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	N/A

Installation information

Cut out size	Ø 70mm
Bathroom zone	1
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	800g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
GL040CARGB	Stainless steel	1W	Red	18°	34	34	Exempt
		1.2W	Green	18°	68	56	
		1.2W	Blue	18°	8	7	

Wiring information

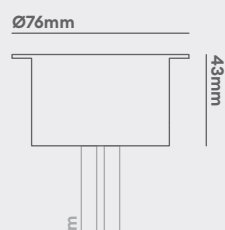
Cable / flying lead	2x 1m LED RGB 0.75mm ² cable (outside diameter: 6mm)
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

TUBE/68	Installation tube	Sold Separately	111
JB7	5-pole IP68 inline connector	Sold Separately	224
CCRFCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194
GLA01	Ground Light Accessory, square plate, stainless steel 316	Sold Separately	111





GL050RGBW

Colour change LED ground / marker light (5W max.)

Features

IK rating	IK08
IP rating	IP67
RGB / RGBW	RGBW
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	N/A

Installation information

Cut out size	Ø 70mm
Bathroom zone	1
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	800g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
GL050RGBW	Stainless steel	1.2W	White (4000K)	100°	11	9	
		1W	Red	100°	9	9	
		1.2W	Green	100°	13	11	
		1.2W	Blue	100°	2	2	

Wiring information

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

TUBE/68	Installation tube	Sold Separately	111
JB7	5-pole IP68 inline connector	Sold Separately	224
CR575RGBW	5-core PVC cable	Sold Separately	199
CCRCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194

Colour Change



RGBW



Coastal protected



IK08 suitable for pathways

Guarantee

5 years

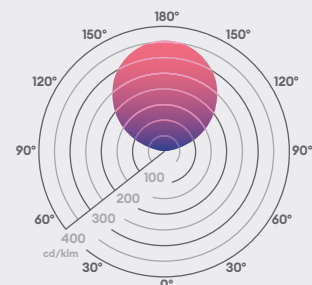
Features & benefits

Low profile for easy installation

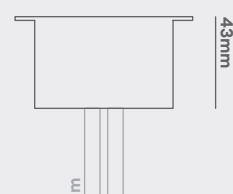
Compatible with a large range of controllers

Separate white LED for permanent use

Beam angle: 100°



Ø76mm



Colour Change



RGBW



Coastal protected



IK08 suitable for pathways

Guarantee

5 years

Features & benefits

Installation tube available

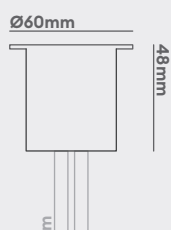
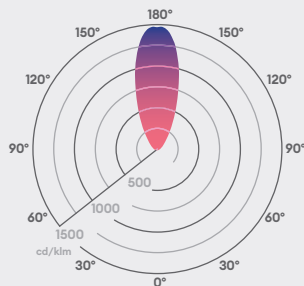
Low profile for easy installation

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

Beam angle: 40°



GL016RGBW

LED colour change ground light (5W max.)

Features

IK rating	IK09
IP rating	IP67
RGB / RGBW	RGBW
Walk over / Drive over	Walk over
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	3 SDCM

Installation information

Cut out size	Ø 50mm
Bathroom zone	1
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	300g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
GL016RGBW	Stainless steel	1.2W	White (4000K)	40°	50	42	
		1W	Red	40°	38	38	
		1.2W	Green	40°	63	53	
		1.2W	Blue	40°	11	9	

Wiring information

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

TUBE/50	Installation tube	Sold Separately	111
JB7	5-pole IP68 inline connector	Sold Separately	224
CR575RGBW	5-core PVC cable	Sold Separately	199
CCRFCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194



Colour Change



RGBW



Coastal protected



IP65 ideal for outdoor environments

Guarantee

5 years

Features & benefits

Complete with wall fixings for easy installation

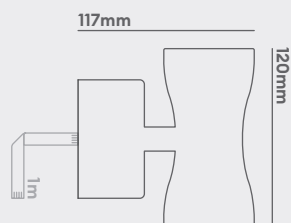
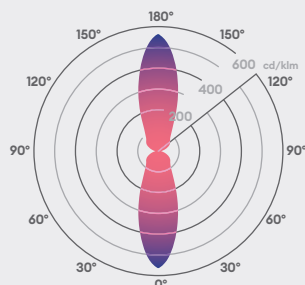
Projects light in two directions

Separate white LED for permanent use

Anodised aluminium for use in outdoor and indoor environments

Compatible with a large range of controllers

Beam angle: 45°



WL070RGBW

Up / down LED colour change wall light (24W max.)

Features

IP rating	IP65
RGB / RGBW	RGBW
Tilttable	No
Rotatable	Fixed
Dimmable	No
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	N/A

Installation information

Bathroom zone	1
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	0.9kg
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	Beam angle	lm	lm/W	Energy
WL070RGBW	Silver	6W	White (4000K)	45°	200	67	
		4.0W	Red	45°	145	73	
		6.0W	Green	45°	230	77	
		6.0W	Blue	45°	38	13	

Wiring information

Cable / flying lead	1x 5-core ribbon cable
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

LEDRGBWEXT	Colour change Plug & Play 1m extension lead	Sold Separately	199
CCRFCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194



UL030RGBW

Colour change LED light (12W max.)

Features

IP rating	IP67
RGB / RGBW	RGBW
Tilttable	360°
Rotatable	360°
Dimmable	Driver dependent
Input	350mA
LED lifetime	50,000h L50
CRI	80 Ra
SDCM	N/A

Installation information

Bathroom zone	1
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	900g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	△	lm	lm/W	Energy
UL030RGBW	Silver	3W	White (4000K)	45°	177	59	
		2W	Red	45°	106	53	
		3W	Green	45°	185	62	
		3W	Blue	45°	43	14	

Wiring information

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB7	5-pole IP68 inline connector	Sold Separately	224
CR575RGBW	5-core PVC cable	Sold Separately	199
CCRCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194

Colour Change



RGBW



Coastal protected



IP67 ideal for outdoor areas and under water lighting

Guarantee

5 years

Features & benefits

Complete with wall fixings for easy installation

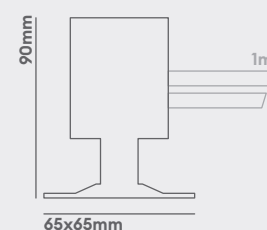
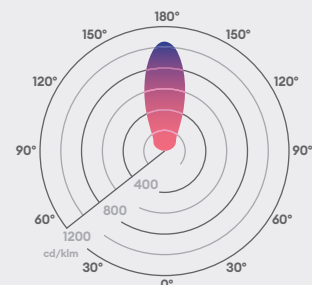
Can rotate and be angled to direct light

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

Beam angle: 45°



Colour Change



RGBW



Coastal protected



IP68 ideal for outdoor areas and under water lighting

Guarantee

5 years

Features & benefits

Complete with wall fixings for easy installation

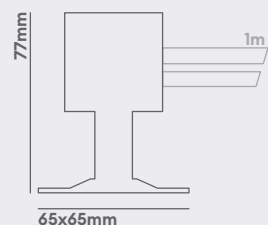
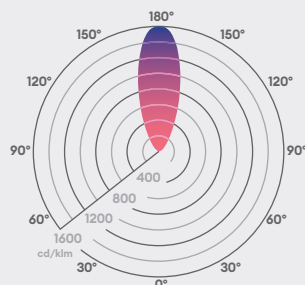
Can rotate and be angled to direct light

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

Beam angle: 40°



UL010RGBW

Colour change LED light (5W max.)

Features

IP rating	IP67
RGB / RGBW	RGBW
Tilttable	360°
Rotatable	360°
Dimmable	Driver dependent
Input	350mA
LED lifetime	50,000h L50
CRI	80 Ra
SDCM	N/A

Installation information

Bathroom zone	1
Construction material	Stainless steel (316)
Suitable for coastal areas	Yes
Weight	700g
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	△	lm	lm/W	Energy
UL010RGBW	Silver	1.1W	White (4000K)	40°	50	45	
		1W	Red	40°	38	38	
		1.1W	Green	40°	63	57	
		1.1W	Blue	40°	11	8	

Wiring information

Cable / flying lead	2x 1m CR575RGBW (outside diameter: 7.4mm)
Type of wiring required	Series

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB7	5-pole IP68 inline connector	Sold Separately	224
CR575RGBW	5-core PVC cable	Sold Separately	199
CCRCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194



UL345CARGB

110° colour change wall washing light bar (12W max.)

Features

IK rating	IP65
IP rating	IP65
RGB / RGBW	RGB
Tilttable	180°
Dimmable	Yes
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	N/A

Installation information

Bathroom zone	1
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	0.7kg
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
UL345CARGB	Black	4W	Red	110°	96	24	Exempt
		4.1W	Green	110°	161	39	
		4.3W	Blue	110°	51	12	

Wiring information

Cable / flying lead	1x 3m LED RGB 0.75mm ² cable (outside diameter: 6mm)
Type of wiring required	N/A (1 per power repeater)

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB3	Waterproof junction box	Sold Separately	224
CCRCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194
ULBRACKET	2 piece black anodised aluminium bracket	Sold Separately	

Colour Change



RGB



Coastal protected



IP65 ideal for outdoor environments

Guarantee

5 years

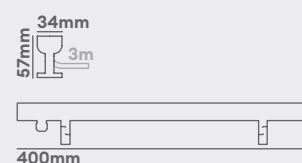
Features & benefits

Surface mount in multiple applications

Compatible with a large range of controllers

Anodised aluminium for use in outdoor and indoor environments

Removable feet can be used anywhere along the base or sides. Allen key included



Colour Change



RGB



Coastal protected



IP65 ideal for outdoor environments

Guarantee

5 years

Features & benefits

Surface mount in multiple applications

Compatible with a large range of controllers

Anodised aluminium for use in outdoor and indoor environments

Removable feet can be used anywhere along the base or sides. Allen key included



UL346CARGB

25x6° colour change wall washing light bar (12W max.)

Features

IK rating	IP65
IP rating	IP65
RGB / RGBW	RGB
Tilttable	180°
Dimmable	Yes
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	N/A

Installation information

Bathroom zone	1
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	0.7kg
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠	lm	lm/W	Energy
UL346CARGB	Black	4W	Red	25x6°	70	18	Exempt
		4.1W	Green	25x6°	136	33	
		4.3W	Blue	25x6°	23	5	

Wiring information

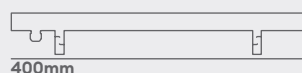
Cable / flying lead	1x 3m LED RGB 0.75mm ² cable (outside diameter: 6mm)
Type of wiring required	N/A (1 per power repeater)

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB3	Waterproof junction box	Sold Separately	224
CCRCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194
ULBRACKET	2 piece black anodised aluminium bracket	Sold Separately	





UL347CARGB

45° colour change wall washing light bar (12W max.)

Features

IK rating	IP65
IP rating	IP65
RGB / RGBW	RGB
Tilttable	180°
Dimmable	Yes
Input	350mA
LED lifetime	50,000h L50
CRI	N/A
SDCM	N/A

Installation information

Bathroom zone	1
Construction material	Anodised aluminium
Suitable for coastal areas	Yes
Weight	0.7kg
Maximum ambient temperature	35°C
Electric class (1, 2, 3)	3

Photometrics @ 25°C

Product code	Finish	W	CCT	∠°	lm	lm/W	Energy
UL347CARGB	Black	4W	Red	45°	77	19	Exempt
		4.1W	Green	45°	285	70	
		4.3W	Blue	45°	51	12	

Wiring information

Cable / flying lead	1x 3m LED RGB 0.75mm ² cable (outside diameter: 6mm)
Type of wiring required	N/A (1 per power repeater)

Control & LED drivers

See pages 192-199 for complete control and LED driver offer

Accessories

JB3	Waterproof junction box	Sold Separately	224
CCRCONVWIFI / CCREMOTEB / CCWALLRF(B/W)	4/8 zone RF control for RGB & RGBW system	Sold Separately	194
ULBRACKET	2 piece black anodised aluminium bracket	Sold Separately	

Colour Change



RGB



Coastal protected



IP65 ideal for outdoor environments

Guarantee

5 years

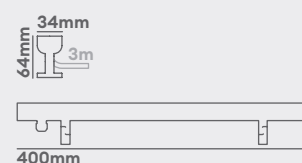
Features & benefits

Surface mount in multiple applications

Compatible with a large range of controllers

Anodised aluminium for use in outdoor and indoor environments

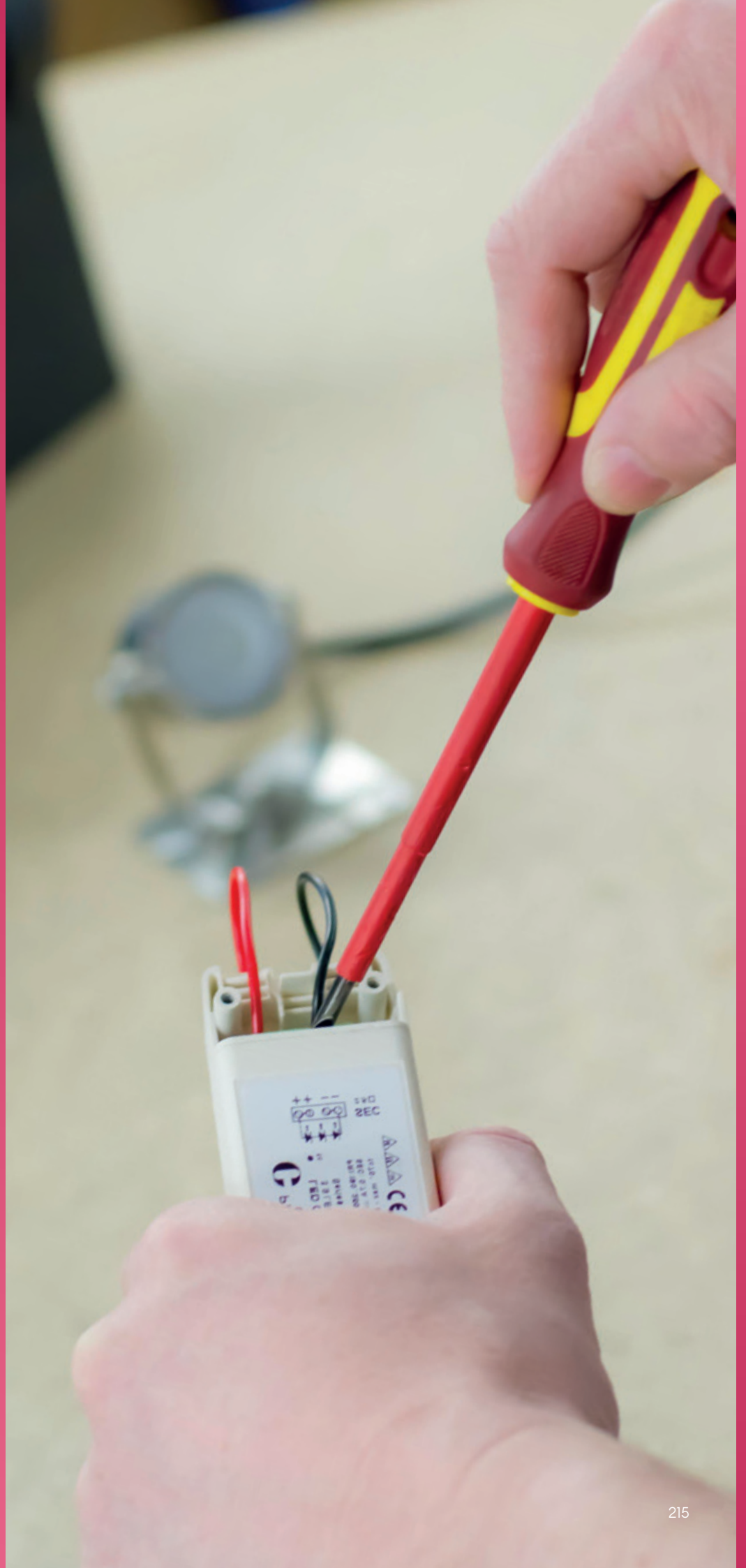
Removable feet can be used anywhere along the base or sides. Allen key included



Lighting Controls

Our wiring and drivers selection will provide all the components required to install our products, providing both ease of installation and maintenance-free installations for many years to come. Offering both wiring and drivers for all Collingwood products, you will receive the same high-quality features and benefits as standard that are provided with our lights.

To complement our RGB and RGBW products, we also offer a range of control systems. Use them to create unique lighting zones which control separate areas with a handheld, wall mounted or smart device control (suitable for Android and iOS.) Also included in our extensive range of control devices is our range of dimmable power supplies, providing the ability to easily control the ambiance of individual zones. Available in 1-10V, DALI or mains dimming, installing Collingwood products as part of a home automation system could not be easier.



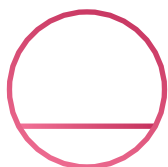
Drivers

The ideal driver for every installation

We offer a wide range of drivers, suitable for any environment that are ideal for all Collingwood Lighting products, so you can expect the highest levels of quality and durability throughout your installation.

IP ratings

IP ratings classify the degrees of protection provided against the intrusion of solid objects and water in electrical enclosures.



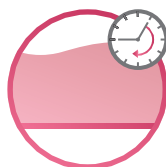
IP20

Perfect for use indoors and where there is no risk of water splashing the product.



IP44

Ideal for use indoors or outdoors, in bathrooms and other places where water may be sprayed onto the product.



IP67

Suited for use outdoors and near water, but cannot be permanently submerged.

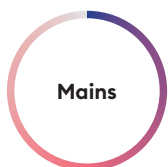
PSIP drivers

We have redesigned our range of IP65 rated drivers that are used with our low voltage landscape products. 350mA and 700mA options are available and wattage range has been extended to allow for more fittings per driver. The drivers also now come with an increased warranty of five years.



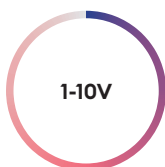
Dimming options

As each installation is unique and has individual requirements, choose between mains, 1-10V or DALI dimming options.



Mains

If your product has an integrated mains dimmable driver, no separate driver is required. This is classed as a 'straight to mains' product.



1-10V

With a 1-10V system, all the LEDs connected to the dimmer will dim at an equal amount.

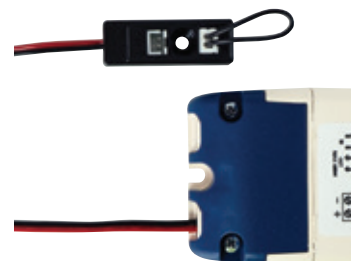


DALI

A DALI system can be structured in a way which allows LEDs to respond to certain rooms or zones. Each LED in the same zone will dim an equal amount.

Plug & play

Installing and connecting a driver is made much easier using plug and play. If you have a suitable product, use one of our plug and play drivers for straightforward installation.



Output classification options – constant current / constant voltage

Constant current LED drivers are designed to deliver a constant output current within a specified output voltage range. Such drives adjust the voltage throughout the circuit and keep the current on each LED constant.

Constant voltage LED drivers are designed to operate at a single, constant output voltage. The most commonly used constant voltage sources are 12 V and 24 V. The constant voltage LED driver takes the mains voltage (220 V AC) and converts it to DC, reducing it to the appropriate low voltage value for the LEDs. The drive will always remain at constant voltage, no matter how much current load. The maximum current that constant voltage drives can reach is determined by the design parameters and this value is written on the driver.

350mA

Use a 350mA driver when powering 350mA products.

700mA

Use a 700mA driver when powering 700mA products.

24V

Use a 24V driver when powering 24V products.

Colour change

Making controlling colour easier

Use our easy to follow step-by-step colour change control guide on pages **196 - 197** and follow the guide to determine what you need for your installation.

Controllers

Offering a choice between hand held, wall mounted or app control, finding the perfect device for you couldn't be easier. Choose the ideal control for the number of zones that you want to manage. See **422 -423** about zones.



CCWALLRFW / CCWALLRFB

1-4 zones
Wall mounted control



CCREMOTE

1-4 zones
Handheld control



CollingwoodRGBW App

1-8 zones
Smart device app for Android & iOS



CCRFCONWIFI

WiFi to RF converter

Drivers

Use the drivers to control your RGBW products, with various options available, RF, DMX or DALI all in 75W, 100W and 200W.



Constant current 75W drivers



Constant voltage 100W drivers



Constant voltage 200W drivers

RF drivers allow wireless control from a hand-held remote controller, a wall mounted touch panel or a phone app via the Wi-Fi converter. **DMX** driver allows for wired control of up to 128 different zones, and multiple drivers can be assigned to each zone to keep the lights perfectly in sync.

Use a **DALI** driver for integration with an existing DALI control system.

Power repeaters

A power repeater can be used to extend the capacity of a driver.



PR3011

Ideal for when using constant current products. With the ability to fit up to 100 of these to a driver, you can have as many as 600 luminaires per zone.



PR3002

Ideal solution for when using 24V products such as LED strip. With the ability to fit up to 100 of these to a driver, you can have as much as 1000m of LED strip per zone.

Products per driver matrix

The table shows the minimum and maximum of each products that fits onto each driver.

	PSI524	PS3024B	PSMD3024	LSd6024	PSDIP6024	PS7524	PSDIP10024	PSMDIP10024	LSd12024	PSIP15024	PSDAL20024	PSIP25024	PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9
Driver information															
Constant current or Constant voltage	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CC	CC	CC
Output classification	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	350mA	350mA	350mA
IP rating	IP20	IP20	IP20	IP20	IP66	IP20	IP66	IP66	IP20	IP67	IP66	IP67	IP20	IP20	IP20
Dimmable	1-10V*	1-10V*	Mains	No	1-10V	1-10V*	1-10V	Mains	No	1-10V*	1-10V	1-10V*	No	No	No
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes

Decorative lighting															
MC020 S													1-2	1-4	1-4
MC010 S													1-5	1-9	1-9
MF02 IP													1-5	1-9	1-9
MS02 IP													1-5	1-9	1-9
ML01													1-5	1-9	1-9
ML02													1-5	1-9	1-9
ML03													1-5	1-9	1-9
LED LYTE IP													1-5	1-9	1-9
LED LYTE IP T													1-5	1-9	1-9

Strip															
LSC82	3.1m	6.2m	3.8-6.2m	12.5m	12.5m	15.6m	20.8m	20.8m	25m	31.2m	41.6m	52m			
LSC84	1m	2m	1.3-2m	4.1m	4.1m	5.2m	6.9m	6.9m	8.3m	10.4m	13.8m	17.3m			
LSC85	1.5m	3.1m	1.9-3.1m	6.2m	6.2m	7.8m	10.4m	10.4m	12.5m	15.6m	20.8m	26m			
LSC86	0.8m	1.7m	1.1-1.7m	3.5m	3.5m	4.4m	5.8m	5.8m	7m	8.8m	11.7m	14.7m			
LSNS73	2.3m	4.6m	2.8-4.6m	9.2m	9.2m	11.5m	15.3m	15.3m	18.4m	23m	30.7m	38.4m			
LSNS75	1.5m	3.1m	1.9-3.1m	6.2m	6.2m	7.8m	10.4m	10.4m	12.5m	15.6m	20.8m	26m			
LSNT73	2.3m	4.6m	2.8-4.6m	9.2m	9.2m	11.5m	15.3m	15.3m	18.4m	23m	30.7m	38.4m			
LSNT75	1.5m	3.1m	1.9-3.1m	6.2m	6.2m	7.8m	10.4m	10.4m	12.5m	15.6m	20.8m	26m			

Step Lights															
GL019 Eyelid													1-5	1-9	1-9
GL021													1-5	1-9	1-9
GL022													1-5	1-9	1-9

To place an order use the driver product codes below.

PSMD35039	PLD UNI-DRIVE 350MA	PSDAL350M	PSDIM350	PSMD3501324	PSIP35009W	PSIP35018W	PLDM70011	PSMD70024	PLDCC /700 12-24	PLU/700 3-9	PSMD700610	PLD UNI-DRIVE 700MA	PSDAL700M	PSDIM700	PSIP70018W	PSIP70036W	PSDAL900M	PSDIM900	PSDIM180
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
350mA	350mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	900mA	900mA	180mA
IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20
Mains	1-10V	DALI or 1-10V	1-10V	Mains	No	No	Mains	Mains	No	No	Mains	1-10V	DALI or 1-10V	1-10V	No	No	DALI	1-10V	Mains
No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	Yes

*Requires a PDCINT1-10V interface to make it 1 - 10V dimmable

2-4	1-5	1-9	1-9	7-12	1-4	5-8													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													

3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17			
3-9	1-10	1-18	1-18	13-24	1-8	9-17													
3-9	1-10	1-18	1-18	13-24	1-8	9-17													

Products per driver matrix

The table shows the minimum and maximum of each products that fits onto each driver.

	PSI524	PS3024B	PSMD3024	LSD6024	PSDIP6024	PS7524	PSDIP10024	PSMDIP10024	LSD12024	PSIP15024	PSDAL20024	PSIP25024	PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9
Driver information															
Constant current or Constant voltage	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CC	CC	CC
Output classification	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	350mA	350mA	350mA
IP rating	IP20	IP20	IP20	IP20	IP66	IP20	IP66	IP66	IP20	IP67	IP66	IP67	IP20	IP20	IP20
Dimmable	1-10V*	1-10V*	Mains	No	1-10V	1-10V*	1-10V	Mains	No	1-10V*	DALI	1-10V*	No	No	No
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes

Ground Lights															
GL016 F													1-5	1-9	1-9
GL016 Frosted													1-5	1-9	1-9
GL016 SQ													1-5	1-9	1-9
GL018 C	1-30	1-60	36-60	1-120	1-120	1-150	1-200	1-200	1-240	1-300	1-400	1-500			
GL018 C AB	1-30	1-60	36-60	1-120	1-120	1-150	1-200	1-200	1-240	1-300	1-400	1-500			
GL018 SQ	1-30	1-60	36-60	1-120	1-120	1-150	1-200	1-200	1-240	1-300	1-400	1-500			
GL019													1-5	1-9	1-9
GL019 Frosted													1-5	1-9	1-9
GL019 LG													1-5	1-9	1-9
GL019 Ultra Low Glare													1-5	1-9	1-9
GL019 SQ													1-5	1-9	1-9
GL021													1-5	1-9	1-9
GL022													1-5	1-9	1-9
GL040													1-3	1-4	1-4
GL040 Ultra Low Glare													1-3	1-4	1-4
GL050													1-1	1-3	1-3
GL063													1-1	1-3	1-3
GL064													1-1	1-2	1-2
GL100													1-5	1-9	1-9

Spike Lights															
SL040A															
SL030													1-5	1-9	1-9
SL130													1-5	1-9	1-9
SL220													1-3	1-4	1-4
SL230													1-1	1-2	1-2
SL230 Single Head													1-1	1-2	1-2
SL240													1-3	1-4	1-4
SL250	1-2	1-5		1-10	1-10	1-12	1-16		1-20	1-25		1-41			

Bollards															
BOL01													1-5	1-9	1-9

To place an order use the driver product codes below.

PSMD35039	PLD UNI-DRIVE 350mA	PSDAL350M	PSDIM350	PSMD3501324	PSIP35009W	PSIP35018W	PLDM70011	PSMD70024	PLDCC/700 12-24	PLU/700 3-9	PSMD700610	PLD UNI-DRIVE 700mA	PSDAL700M	PSDIM700	PSIP70018W	PSIP70036W	PSDAL900M	PSDIM900	PSDIM180
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
350mA	350mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	900mA	900mA	180mA
IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20
Mains	1-10V	DALI or 1-10V	1-10V	Mains	No	No	Mains	Mains	No	No	Mains	1-10V	DALI or 1-10V	1-10V	No	No	DALI	1-10V	Mains
No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	Yes

*Requires a PDCINT1-10V interface to make it 1 - 10V dimmable

3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		
3-9	1-10	1-18	1-18	13-24	1-8	9-17												
3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		
3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		
3-9	1-10	1-18	1-18	13-24	1-8	9-17												
3-9	1-10	1-18	1-18	13-24	1-8	9-17												
3-9	1-10	1-18	1-18	13-24	1-8	9-17												
3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		
3-9	1-10	1-18	1-18	13-24	1-8	9-17												
3-9	1-10	1-18	1-18	13-24	1-8	9-17												
2-4	1-8	1-12	1-12	6-11	1-4	5-8		1-2	1-3	1-4	3-5	1-7	1-11	1-11	1-3	4-7		
2-4	1-8	1-12	1-12	6-11	1-4	5-8												
1-3	1-3	1-6	1-6	5-8	1-2	3-5												
1-3	1-3	1-6	1-6	5-8	1-2	3-5												
1-2	1-2	1-4	1-4	4-6	1-2	3-4												
3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		

								1-1	1-2	1-3	2-3	1-3	1-6	1-6	1-2	3-5		
3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		
3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		
2-4	1-8	1-12	1-12	6-11	1-4	5-8		1-2	1-3	1-4	3-5	1-7	1-11	1-11	1-3	4-7		
1-2	1-4	1-6	1-6	3-5	1-2	3-4		1-1	1-1	1-2	2-2	1-3	1-5	1-5	1-1	2-3		
1-2	1-4	1-6	1-6	3-5	1-2	3-4		1-1	1-1	1-2	2-2	1-3	1-5	1-5	1-1	2-3		
2-4	1-8	1-12	1-12	6-11	1-4	5-8		1-2	1-3	1-4	3-5	1-7	1-11	1-11	1-3	4-7		

3-9	1-10	1-18	1-18	13-24	1-8	9-17		2-4	1-6	3-9	6-10	1-10	1-18	1-18	1-8	9-17		
-----	------	------	------	-------	-----	------	--	-----	-----	-----	------	------	------	------	-----	------	--	--

Maximum cable lengths

Use the tables below for the maximum cable length

The lengths below are guidelines which cover most installations. If an installation requires a longer cable length, it may be possible but a calculation will be needed to confirm it. Please contact our technical support team for further information.

All wiring must comply with national wiring regulations

Constant current drivers

Cable length in metres is from the driver to the last LED unit.
The number of LED's units wired to the driver does not affect the cable length.

Driver	0.2mm ²	0.35mm ²	0.5mm ²	0.75mm ²	1mm ²	1.5mm ²	2.5mm ²
350mA drivers	50m	80m	100m	150m	200m	300m	500m
700mA drivers	25m	40m	50m	75m	100m	150m	250m

Maximum length for a 350mA driver using 1.5mm² cable is 300 metres of 2 core cable using one core for feed and the second core for return.

Single colour 24V DC LED strip (LSV, LSC, Neon, COF)

Recommended maximum cable length from power supply to **start** of strip.

Driver	0.5mm ²	0.75mm ²	1mm ²	1.5mm ²	2.5mm ²
4.8W/m	20m	30m	40m	60m	100m
6.5W/m	16m	25m	32m	50m	80m
8W/m	13m	20m	26m	40m	65m
9.6W/m	10m	15m	20m	30m	50m
14.4W/m	7m	10m	15m	20m	35m
17W/m	6m	9m	12m	18m	30m

Above figures are for a 5m strip length. For a 2.5m strip length, for example, the maximum cable length is x 2.

RGBW products

Maximum cable lengths from power repeater to product.

Power repeater	0.5mm ²	0.75mm ²	1mm ²	1.5mm ²	2.5mm ²
PR3002	50m	75m	100m	150m	250m
PR3011	50m	75m	100m	150m	250m



SL250 6W 24V DC drivers

Cable length is from the driver to the last LED unit.

Max product per driver	0.5mm ²	0.75mm ²	1mm ²	1.5mm ²	2.5mm ²
Up to 4 - SL250	25m	40m	60m	80m	120m
Up to 10 - SL250	10m	15m	20m	30m	50m

GL018 0.5W 24V DC drivers

Cable length is from the driver to the last LED unit.

Max product per driver	0.5mm ²	0.75mm ²	1mm ²	1.5mm ²	2.5mm ²
Up to 10 - GL018	100m	180m	220m	360m	550m
Up to 20 - GL018	50m	90m	110m	180m	225m
Up to 30 - GL018	35m	60m	70m	120m	180m
Up to 40 - GL018	25m	40m	50m	80m	130m



Accessories

For accessories specific to product ranges visit the relevant sections.

JB1 (Parallel)

Waterproof junction box



Key features		Use in conjunction with
Max. voltage	30V DC	GL018
Max. current	5A	
Max. conductor size	1mm ²	
Cable diameter	5 - 6.5mm ²	
IP rating	IP68 (2m)	
Wiring	Parallel	
Inputs	1	
Outputs	1 - 3	

JB3

Waterproof junction box



Key features		Use in conjunction with
Max. voltage	400V AC	GL007RGBW GL016RGBW
Max. current	30A	GL040CARGB GL050RGBW
Max. conductor size	4mm ²	GL090RGBW UL010RGBW
Cable diameter	3 - 12mm ²	UL030RGBW UL345CARGB
IP rating	IP66	UL346CARGB UL347CARGB
Wiring	Parallel	WL021CARGB
Inputs	1	
Outputs	1 - 7	

JB5 (Parallel)

Gel filled waterproof junction box



Key features		Use in conjunction with
Max. voltage	250V AC	BL03 GL07
Max. current	16A	GL007 Frosted GL08
Max. conductor size	1.5mm ²	GL09 GL018
Cable diameter	6.5 - 12mm ²	GL034 GL038
IP rating	IP68 (1.3m)	GL200 SL220 Mains
Wiring	Parallel	WL339 WL340
Inputs	1	WL341 WL342
Outputs	1 - 3	

JB7

5 pole screw terminal IP68 connector



Key features (RGBW only)		Use in conjunction with
Max. voltage	24V	GL007RGBW GL016RGBW
Max. current	1.4A	GL040CARGB GL050RGBW
Max. conductor size	4mm ²	GL090RGBW UL010RGBW
Cable diameter	7 - 10.5mm ²	UL030RGBW UL345CARGB
IP rating	IP68 (1.3m)	UL346CARGB UL347CARGB
Wiring	Parallel	WL021CARGB
Inputs	1	
Outputs	1	

JB2 (Series)

Waterproof junction box



Key features		Use in conjunction with
Max. voltage	48V DC	BL01 GL016 GL019
Max. current	700mA	GL021 GL022 GL040
Max. conductor size	1mm ²	GL041 GL050 GL051
Cable diameter	5 - 6.5mm ²	GL063 GL064 GL090
IP rating	IP68 (2m)	UL010 UL030 SL030
Wiring	Series	SL130 SL040 SL220
Inputs	1	GL100
Outputs	1 - 3	

JB4 (Series)

Gel filled waterproof junction box



Key features		Use in conjunction with
Max. voltage	120V DC	BL01 GL016 GL019
Max. current	700mA	GL021 GL022 GL040
Max. conductor size	1.5mm ²	GL041 GL050 GL051
Cable diameter	3 - 12mm ²	GL063 GL064 GL090
IP rating	IP66	UL010 UL030 SL030
Wiring	Series	SL130 SL040 SL220
Inputs	1	GL100
Outputs	1 - 7	

JB6

Inline IP68 gel filled cable connector



Key features		Use in conjunction with
Max. voltage	250V AC	WCR 275 BLACK
Max. current	6A	Ideal for extending cable when it's not long enough
Max. conductor size	0.75mm ²	
Cable diameter	4.8 - 6mm ²	
IP rating	IP68 (1.3m)	
Wiring	Inline	
Inputs	1	
Outputs	1	

WC 5-9

Quick release waterproof connector



Key features (RGBW only)		Use in conjunction with
Max. voltage	250 AC / 50 DC	BL03 GL07
Max. current	10A	GL007 Frosted GL08
Max. conductor size	4mm ²	GL09 GL034
Cable diameter	5 - 9mm ²	GL038 SL220
IP rating	IP68 (1.3m)	WL339 WL340
Wiring	Inline	WL341 WL342
Inputs	1	GL200
Outputs	1	

WCR 275 Black

2-core rubber cable



Key features	
Cable	H05RN-F 2 x 0.75mm²
Material	Copper cable, rubber outer
Length	100m reel
Indoor / outdoor	Suitable for permanent outdoor use

Use in conjunction with	
JB1	JB2
JB4	JB6

WCR 375 Black

3-core rubber cable



Key features	
Cable	H05RN-F 3 x 0.75mm²
Material	Copper cable, rubber outer
Length	100m reel
Indoor / outdoor	Suitable for permanent outdoor use

Use in conjunction with	
JB1	JB5
WC 5-9	

DMX RS 485 Cable

3-core shielded cable



Key features	
Cable	DMX RS 485 Cable
Material	Copper cable, rubber outer
Length	100m reel or by the metre
Indoor / outdoor	Indoor only

Use in conjunction with	
DMX2102	

CR135

PTFE cable



Key features	
Cable	Red or black 0.2052 PTFE
Material	PTFE
Length	100m reel

Use in conjunction with	
MC010	MC020
MF02 IP	ML01
ML02	ML03
MS02 IP	OCTOLED
UY2 CONNECTOR	

UY2 Connector

Quick waterproof connector



Key features	
IP rating	IP65
Wiring	Series
Waterproof type	Gel
Material	Plastic

Use in conjunction with		
MF02 IP	ML01	ML02
ML03	ML010	ML020
MS02 IP	OCTOLED	

PDC/Grid Dimmer

Grid dimmer kit for multiple fitting types
Requires 2-core screen cable



Constant voltage	
Dimming	1 - 10V
Min. load	1 driver
Max. load	1 - 7 drivers

Constant current	
Dimming	1 - 10V
Min. load	1 driver
Max. load	1 - 7 drivers

Use in conjunction with	
PS5024*	PS7524
PSIP25024	PS1524
PSDIP10024	PS3024B*
*Must be used with PDCINT1-10V	

Use in conjunction with	
PSDAL350M	PSDAL700M
PSDIM350	PSDIM700
PSDIM900	PSDAL900M
PLD UNI-DRIVE 350MA	
PLD UNI-DRIVE 700MA	

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