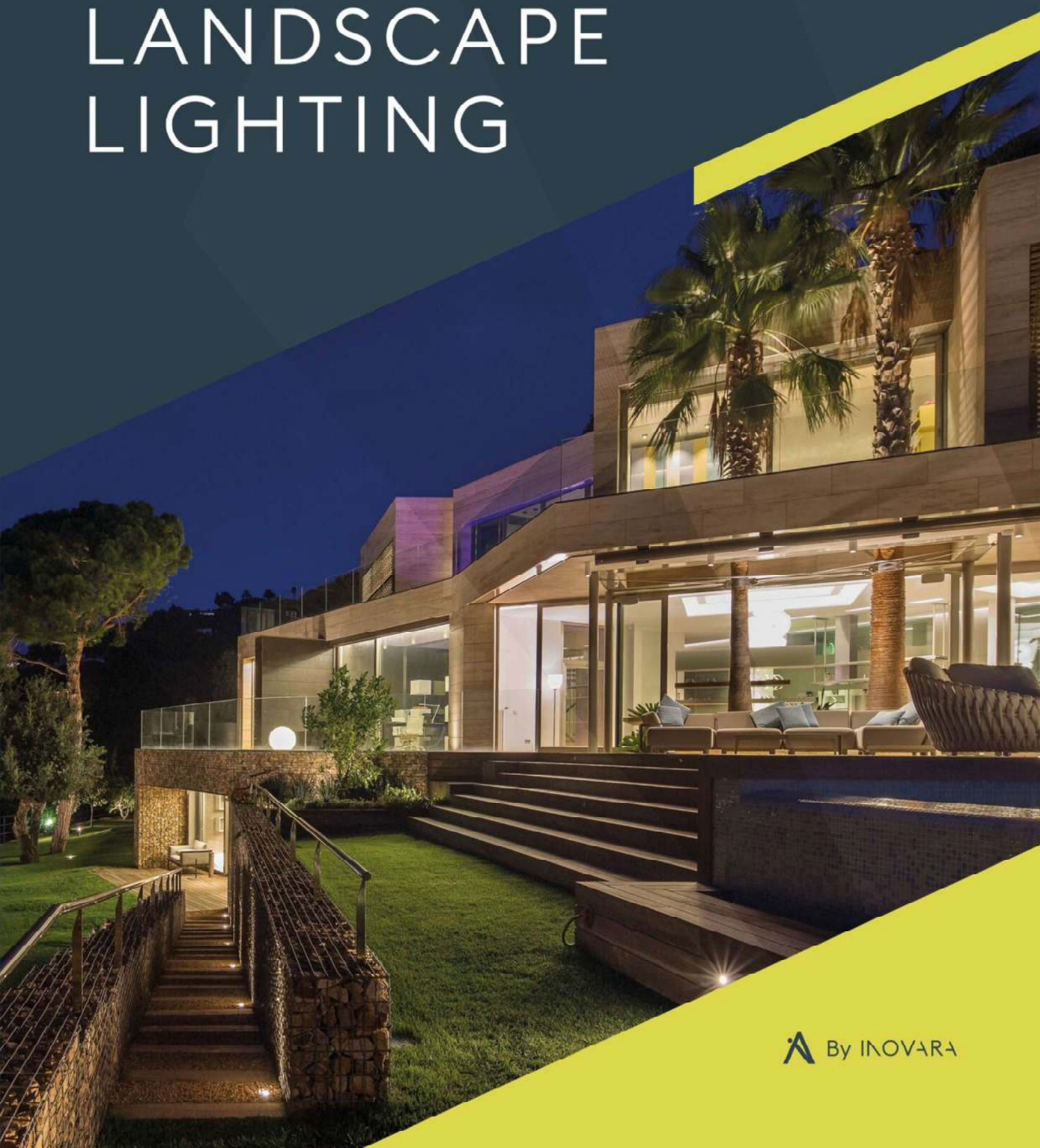




COLLINGWOOD
LIGHTING

LIGHTING INNOVATION

LANDSCAPE LIGHTING



 By INOVARA



INOVARA GROUP

PREPARE TO BE ENLIGHTENED

INOVARA GROUP

Inovara Group is the culmination of Collingwood Lighting, IBL, Indigo Lighting and Nobile Italia. We bring together technically advanced skills, innovative backgrounds, sustainability-focused and forward-thinking minds, and data-driven lighting solutions to empower you and your business.

SUPPORT & EXPERTISE

With our support and expertise, you'll feel enabled to make confident, future-proof decisions that set new benchmarks in the development of sustainable properties within the residential, commercial, industrial, and landscape sectors.

GLOBAL PRESENCE

Our commitment is far-reaching. Our global presence is indeed strong, but with our newly formed capabilities and scalability, we have the stability and long-term market presence to grow yet further.

SUSTAINABILITY

Our focus is on you, your future, the sustainability of your projects, and our commitment in delivering an impeccably designed solution for your LED lighting integration.

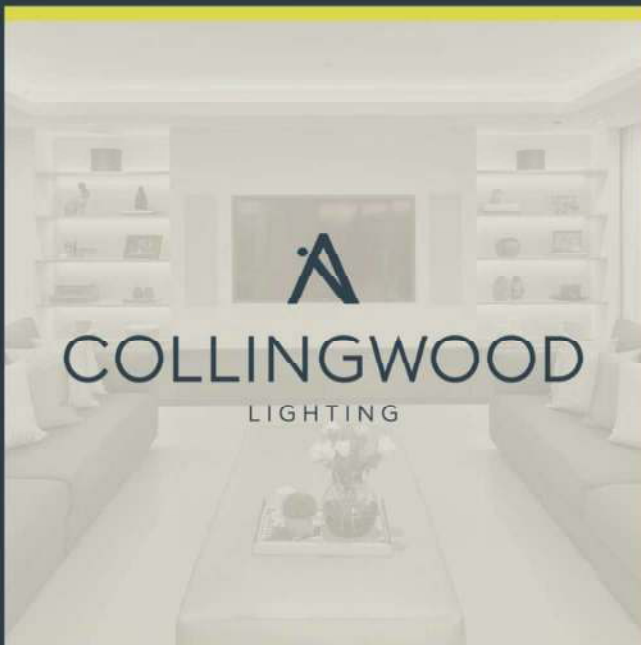




INOVARA GROUP

STRENGTH IN NUMBERS

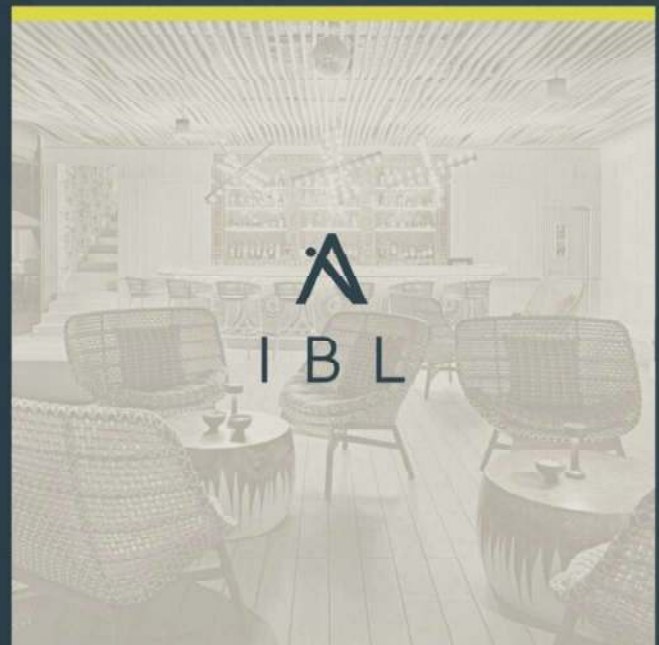
Sharing the intelligence, best practice and resources of Collingwood Lighting, IBL, Indigo Lighting and Nobile Italia, Inovara Group stands uniquely placed to help the whole supply chain, from contractors to clients, face the challenges of today and pursue the opportunities of tomorrow.



Collingwood Lighting, a UK-based business, has been a pioneer in the lighting industry ever since it was established back in 1961.

A commitment to innovation, quality and sustainability, particularly in LED technology, catapulted a modest start-up into a significant market presence.

Collingwood's adaptation to market demands; catering to cultural and environmental requirements, developing strategic partnerships with influential stakeholders, and its dedication to introduce new technologies, has been instrumental in its success.



IBL is a UK based innovator in LED engine design and provider of architectural lighting into flagship projects worldwide.

Established in 1986, IBL provides architectural lighting into a range of global projects across premium hospitality, retail, airports and residences.

It has operations in the UK and an assembly production facility in China, enabling it to source, assemble and distribute its products worldwide.

The company has built a strong reputation and is recognised for its high-performance products used in flagship projects including Marina Bay Sands in Singapore, The Peninsula in London, and the National Museum of Qatar .



Indigo Lighting, originally founded in 1989 under the name Soliban, has grown to become a leader in lighting innovation. Established as a Belgian lighting manufacturer in 2002, the company quickly gained a reputation for technical expertise and forward-thinking design.

Its pioneering Technolight system set the foundation for future success, leading to an expanded product range and strong customer relationships.

Today, Indigo Lighting continues to deliver cutting-edge solutions, combining technical excellence with a deep understanding of the evolving needs of the lighting market.



Founded in 1966 and headquartered in Rome, Nobile Italia, leads in design and LED technology in the Italian lighting market.

Italy is known for its exquisite design credentials and Nobile is no different. Nobile manufactures and distributes world-class LED luminaires, with a clear market focus set squarely on 'premium'.

This strategy doesn't rely on beauty alone, and is supported by excellent service levels, well established customer relationships, and strong R&D capabilities.

COLLINGWOOD

FOUNDED IN 1901

Collingwood started designing innovative LED lighting products in 2002. We pride ourselves on creating beautifully designed products that are easy to install and highly energy efficient. Using top quality materials, our products come with long warranties and are backed up by our expert UK based customer service team. With direct to site next day delivery policy within the UK, we are always prepared to go the extra mile to ensure our customers receive excellent service and superior quality products.

This philosophy has led us to introduce many firsts to the LED lighting market.



FIRST IN THE MARKET TO MANUFACTURE LUMEN AND CCT SWITCHABLE RESIDENTIAL DOWNLIGHTS
Two Lumen outputs and three CCTs, all within one single luminaire.



FIRST TO DESIGN AND MANUFACTURE LED lighting products for the UK electrical wholesale market.



FIRST TO PRODUCE 100% WATERPROOF
Sealed for life, 100% waterproof, inground LED lighting products.



FIRST OUTDOOR LED PRODUCTS
Produce sealed for life outdoor LED lighting products.



FIRST FOR FIRE-RATED DOWNLIGHTS
First to produce a fit for purpose, high performance, fire-rated LED downlights.



FIRST TO PRODUCE MAINS DIMMABLE
Mains dimmable LED downlights.



FIRST TO COMPLY WITH BUILDING REGULATIONS
First to produce an LED downlight that complies with all building regulations.



FIRST TO CREATE A 360° DOWNLIGHT
Produce fire, acoustic and moisture-rated 360° spherical style downlight.



FIRST TO OFFER EXTENDED WARRANTY
First to offer a 7 year or 10 year extended warranty.
We now offer a 3, 4, 5, 7 & 10 year warranty.



1901
BY COLLINGWOOD
LIGHTING
3000K, >90CRI



COLLINGWOOD
LIGHTING

SUSTAINABILITY

LIGHT A BETTER FUTURE

Sustainability is at the core of everything we do

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.



GOLD MEDAL ECOVARDIS

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. We are pleased to share that our sustainability efforts this past year has increased our score earning an EcoVadis gold medal.



RECYCLING

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



ENERGY FROM RENEWABLE SOURCES

100% of our electricity all 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 waste is diverted from landfill.
- 96% of 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 waste pick up vehicles.

SUSTAINABILITY

GREENER PACKAGING

Reduce, Re-Use & Recycle

As packaging is the most produced item to a business outside of the products themselves, 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.
- No plastics used to make our boxes (including the finish of the box).
- Vegetable oil inks are used to ensure they are recyclable.



FSC APPROVED CARD

The card used in our boxes comes from FSC approved forests. 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 our boxes are designed 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.

CUSTOMER FIRST

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.


COLLINGWO
LIGHTING



**Place an order
before 3pm**



**Free next day direct
to site delivery**



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 you have a smooth 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.

QUALITY

NO SUBSTITUTE FOR QUALITY

You can be confident with 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 in our products as we do.

LIA ACCREDITATION



The Lighting Industry Association Quality Assurance scheme is a quality assurance scheme 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 have 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 are a product affiliate and together we work for the good of the sector.

LONG PRODUCT WARRANTIES



You can trust in our products as we do. We offer up to 10 year warranties on our products because we believe in our products. 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

We offer a two year on site warranty for all commercial and industrial lighting products.

GROUND LIGHTS



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GL018 SQ
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GL019 Round
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GL019 Ultra Low Glare
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GL100 (1 Window)
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GL100 (2 Windows 1 Directions)
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GL100 (2 Windows 2 Directions)
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GL100 (3 Windows)
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GL100 (4 Windows)
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GL200 (1-2 Windows)
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GL200 (3-4 Windows)
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GL200 (1-2 Windows)
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GL200 (3-4 Windows)
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GL040 Round
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GL016 Round
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GL040 Ultra Low Glare
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GL038 Mains
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Tilt Ground Light
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STEP LIGHTS



GL019 Eyelid
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GL034 Mains
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WL021
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WL022
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SPIKE LIGHTS



SL030 | SL130
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SL040A
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SL220 Low Voltage
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SL220 Mains
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SL230 Single Head
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SL230 Single Head Mains
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SL230
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SL230 Mains
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Spydra
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FEATURE LIGHTS



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UL010
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WALL LIGHT



WL070
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WL075
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WL220
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WL060
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WL012
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RESIDENTIAL FLOODLIGHT



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FL02
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FL03
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FL10
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BOLLARD



BL01
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BL03
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Slim CSP
Bollard
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Hydra
Bollard
Black
reflector
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Hydra
Bollard
Opal
white
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Hydra
Bollard
Silver
reflector
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WALL WASH



VOLTA
500mm
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VOLTA
1000mm
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STRIP LIGHTS



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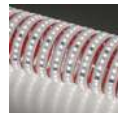
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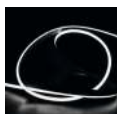
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ADDING DEPTH TO LANDSCAPES

Landscape Lighting

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

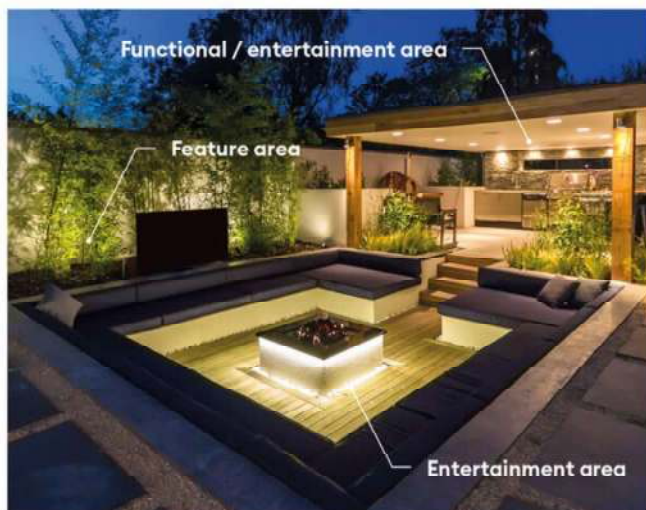
The correct lighting should be considered when illumination is required for a certain task, such as visibility or circulation. Pathways and storage areas usually require functional lighting but can be used as a layer of light that contributes to the overall landscape.

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 2200K - 3000K.

Stone

For featuring the natural components of stone, a colour temperature of 2700K - 3000K will be most suitable.

Whites

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



FINISHES

The use of black, antique brass and bronze finishes are a 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 and bronze. These finishes are particularly used in exterior spaces, alongside red, orange and brown hues, which are commonly found in wood, brick and stone.

SWITCHABLE DRIVERS

Drivers designed for the ultimate flexibility. Turn any landscape product into a lumen switchable product via on-board dip switches, giving you the freedom during installation to achieve the perfect output for your garden design.

Non dimmable output:
150mA - 250mA - 350mA
500mA - 700mA

DRV150700



Triac dimmable output:
350mA - 500mA - 700mA

DRV350700TD



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.

2200K



2700K



3000K



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.



ENVIRONMENTAL CONSIDERATIONS

Landscape Lighting

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.



PATENTED UNDERWATER TECHNOLOGY

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.



MADE TO ORDER

Landscape Lighting

CONFIGURATE THE PERFECT LANDSCAPE LIGHTING FOR YOUR PROJECT

Our landscape range is constructed bespoke to your orders specifications. Simply choose from the options below to configure your landscape products.

FINISH / MATERIAL

Antique Brass



Black



Bronze



Stainless Steel 316



SHAPE (GROUND LIGHTS ONLY)

Round



Square



BEAM ANGLE

Spot



Flood



Product	Finish / Material				Shape (Ground Lights Only)		Beam Angle	
	Antique Brass	Black	Bronze	Stainless Steel 316	Round	Square	Spot	Flood
GL016	●	●	●	●	●	●	●	●
GL019	●	●	●	●	●	●	●	●
GL034	●	●	●	●	●	✗	✗	✗
GL038	●	●	●	●	●	✗	●	●
GL040	●	●	●	●	●	●	●	●
GL100	●	●	●	●	●	✗	✗	✗
SL220	●	●	●	●	✗	✗	●	●
UL010	●	●	●	●	✗	✗	●	●
UL030	●	●	●	●	✗	✗	●	●
WL220	●	●	●	●	✗	✗	●	●

LIT EFFECT



COLOUR TEMPERATURE (CCT)

2200K 2700K 3000K 4000K



Lit Effect				Colour Temperature (CCT)				Low Voltage Option	Comes with Tube (Ground Lights Only)
Clear Glass	Frosted Glass	Honeycomb Low-Glare	Half Moon Glass	2200K	2700K	3000K	4000K		
●	●	●	●	●	●	●	●	●	●
●	●	●	●	●	●	●	●	●	●
●	✗	✗	✗	●	●	●	●	●	●
●	✗	✗	✗	●	●	●	●	●	●
●	●	●	●	●	●	●	●	✗	●
✗	✗	✗	✗	●	●	●	●	✗	●
✗	✗	✗	✗	●	●	●	●	●	✗
✗	✗	✗	✗	●	●	●	●	●	✗
✗	✗	✗	✗	●	●	●	●	●	✗
✗	✗	✗	✗	●	●	●	●	✗	✗

GROUND LIGHTS



GROUND LIGHTS

Highlighting Features Inside And Out

WHAT TYPE OF GROUND LIGHT?

We offer the ideal ground light for every installation

- 1 High power**
Powerful in output and large in scale, these fittings are ideal for illuminating tall trees and the façades of taller buildings.
- 2 Mid power**
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**
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**
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.

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.



CHOOSE THE IDEAL SIZE AND OUTPUT

50lux @ m (3000K)



MADE TO ORDER

		GL016	GL019	GL038	GL040	GL100
Finish / Material	Antique Brass	●	●	●	●	●
	Black	●	●	●	●	●
	Bronze	●	●	●	●	●
	Stainless Steel	●	●	●	●	●
Shape	Round	●	●	●	●	●
	Square	●	●	X	●	X
Beam Angle	Spot	●	●	●	●	X
	Flood	●	●	●	●	X
Lit Effect	Clear Glass	●	●	●	●	X
	Frosted Glass	●	●	●	●	X
	Honeycomb Low-Glare	●	●	●	●	X
	Half Moon Glass	●	●	●	●	X
CCT	2200K	●	●	●	●	●
	2700K	●	●	●	●	●
	3000K	●	●	●	●	●
	4000K	●	●	●	●	●
Low Voltage Option		X	X	●	X	X
Comes with Rube		●	●	●	●	●

FITTING GUIDE


Product Code	Cut-out	Depth	Depth with tube
GLTMS119	119mm	129mm	136mm
GLTMFI47 GLTMS147	147mm	156mm	168mm
GLTMFI65 GLTMS165	165mm	250mm	278mm
GLTMS193	193mm	175mm	195mm
GLTMS223	223mm	183mm	212mm
GL016 Range	50mm	60mm	102mm
GL019 Range	33mm	60mm	102mm
GL019 ULG	33mm	90mm	132mm
GL040	65mm	60mm	102mm
GL040 ULG	65mm	110mm	132mm
GL100	33mm	60mm	109mm
GL200	65mm	80mm	150mm



GROUND LIGHTS

0.5W 0.5W at 24V DC

 Frosted effect for low glare and soft lighting

 Low voltage ground light

GUARANTEE

7 years

BENEFITS

- Robust cable for outdoor use
- Shallow depth for easy installation
- Coastal protected
- Easy and quick installation with parallel wiring



GL018 C

mini round marker ground light

FEATURES

Impact Strength	IK07
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Dimmable	None
Input	24V DC
LED Life	L70 30,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	28mm
Construction Material	Stainless Steel 316, Brass
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Floor
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W
GL018 C 27	Stainless Steel	0.4W	2700K	120	4	10
GL018 C NW	Stainless Steel	0.4W	4000K	120	4	10
GL018 C WARM WHITE	Stainless Steel	0.4W	3000K	120	4	10

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 6mm)

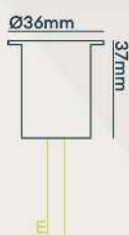
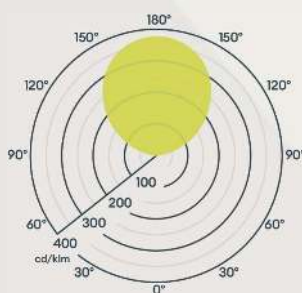
COMPATIBLE DRIVERS

See Pages 140-141 for complete LED Driver offering

ACCESSORIES

JB1	Waterproof junction box	150
JB5	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
PDCINT1-10V	DALI-2, PUSH DIM, 0-10V and 1-10V dimming interface for 24V Drivers	

BEAM (°): 120





GL018 SQ

square mini marker ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Cut Out Size	28mm
IP Rating	IP68	Construction Material	Stainless Steel 316
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	Fixed	Ambient Temperature	35°C
Drive Over Walk Over	Walk over	Mounting Options	Floor
Dimmable	None	Electric Class	III
Input	24V DC	Constant Voltage	Yes
LED Life	L70 30,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	Im	Lm/W
GL018 SQ WARM WHITE	Stainless Steel	0.5W	3000K	120	3	6

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB1	Waterproof junction box	150
JB5	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
PDCINT1-10V	DALI-2, PUSH DIM, 0-10V and 1-10V dimming interface for 24V Drivers	

0.5W

0.5W at 24V DC



Frosted effect for low glare and soft lighting



Low voltage ground light

GUARANTEE

3 years (extended)

BENEFITS

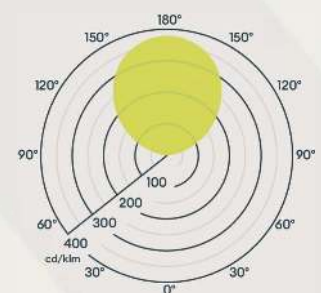
Square bezel for a different decorative effect

Robust cable for outdoor use

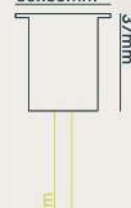
Shallow depth for easy installation

Easy and quick installation with parallel wiring

BEAM (°): 120



36x36mm



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK06 IK06 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

SDCM3 ensuring uniform light appearance and consistency

CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Compact yet powerful fitting

Robust cable for outdoor use









Available in an array of colours



GL019 ROUND

Low Voltage Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Electric Class	III
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Constant Current	Yes
LED Life	L70 70,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C		150MA		700MA					
Product Code	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL019RSS22F	2200K	38	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
GL019RSS22S	2200K	12	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
GL019RSS27F	2700K	38	0.4W (150mA)	51	120	2.2W (700mA)	169	89	
GL019RSS27S	2700K	12	0.4W (150mA)	51	120	2.2W (700mA)	169	89	
GL019RSS30F	3000K	38	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
GL019RSS30S	3000K	12	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
GL019RSS40F	4000K	38	0.4W (150mA)	60	143	2.2W (700mA)	234	106	
GL019RSS40S	4000K	12	0.4W (150mA)	60	143	2.2W (700mA)	234	106	

In the part code to replace your colour, change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

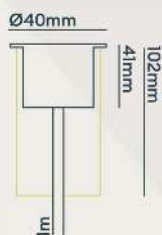
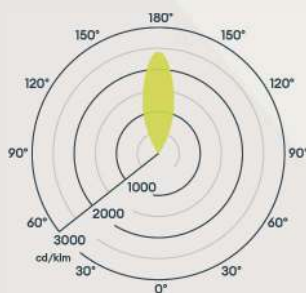
WIRING INFORMATION

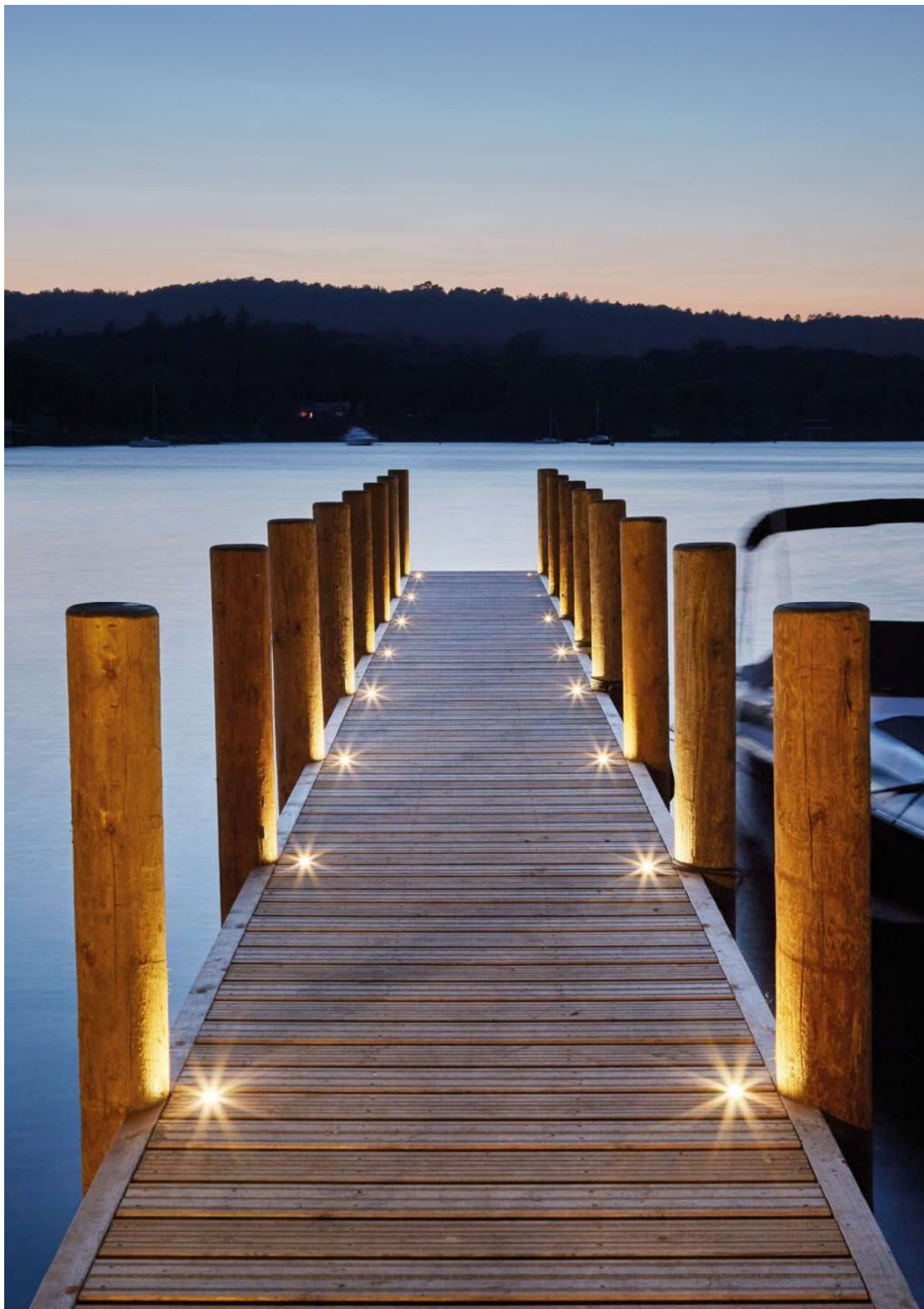
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

BEAM (°): 12, 38





GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK06 IK06 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

SDCM3 ensuring uniform light appearance and consistency

CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Compact yet powerful fitting

Robust cable for outdoor use

Available in an array of colours



GL019 ULTRA LOW GLARE

Low Voltage Ground Light

FEATURES

Impact Strength	IK06
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Input	150mA / 250mA / 350mA DC
LED Life	L70 70,000h
CRI	CRb80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	33mm
Inrush Current	N/A
Construction Material	Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam (°)	150MA			350MA			Energy
			W	lm	Lm/W	W	lm	Lm/W	
GL019USS22F	2200K	38	0.4W (150mA)	36	85	1W (350mA)	77	77	
GL019USS22S	2200K	12	0.4W (150mA)	41	98	1W (350mA)	89	89	
GL019USS27F	2700K	38	0.4W (150mA)	36	85	1W (350mA)	77	77	
GL019USS27S	2700K	12	0.4W (150mA)	41	98	1W (350mA)	89	89	
GL019USS30F	3000K	38	0.4W (150mA)	38	90	1W (350mA)	82	82	
GL019USS30S	3000K	12	0.4W (150mA)	44	105	1W (350mA)	95	95	
GL019USS40F	4000K	38	0.4W (150mA)	42	101	1W (350mA)	91	91	
GL019USS40S	4000K	12	0.4W (150mA)	49	117	1W (350mA)	106	106	

In the part code to replace your colour, change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

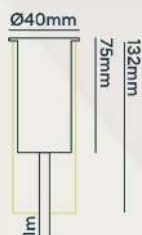
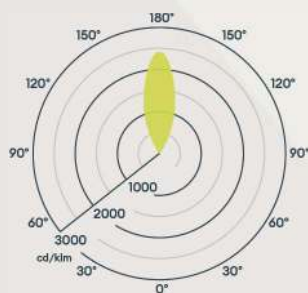
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

BEAM (°): 12, 38





GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

Walk over ground light ideal for paths or steps

SDCM3 ensuring uniform light appearance and consistency

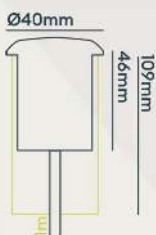
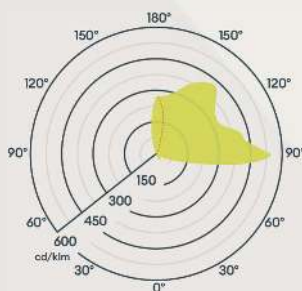
CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Long-lifetime of 70,000hrs

Available in an array of colours

BEAM (°): 75



GL100 (1 WINDOW)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				150MA		700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL100SSIW22	1 Window	2200K	75	0.4W (150mA)	1	3	2.2W (700mA)	5	2	
GL100SSIW27	1 Window	2700K	75	0.4W (150mA)	1	3	2.2W (700mA)	5	2	
GL100SSIW30	1 Window	3000K	75	0.4W (150mA)	1	3	2.2W (700mA)	6	3	
GL100SSIW40	1 Window	4000K	75	0.4W (150mA)	2	4	2.2W (700mA)	6	3	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

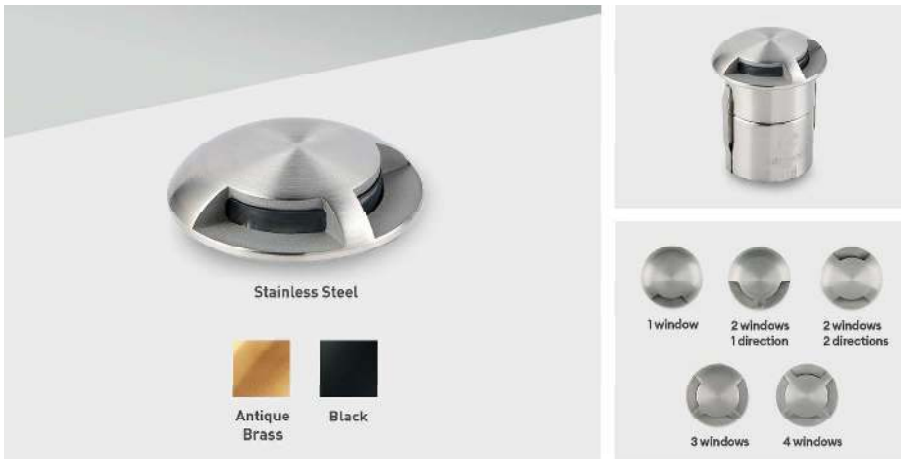
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151



IP68 IP68 perfect for internal or external applications

Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE
7 years

BENEFITS

- Supplied complete with installation tube
- Low voltage ground light
- Walk over ground light ideal for paths or steps
- SDCM3 ensuring uniform light appearance and consistency
- CRI 80 providing true colour appearance
- Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
- Long-lifetime of 70,000hrs
- Available in an array of colours

GL100 (2 WINDOWS 1 DIRECTIONS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CR>80		
SDCM	SDCM3		

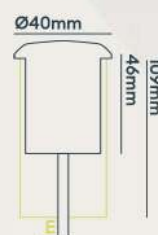
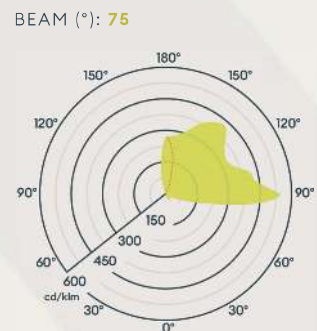
PHOTOMETRICS @ 25°C				150MA		700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL100SS2W22	2 Windows 1 Direction	2200K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GL100SS2W27	2 Windows 1 Direction	2700K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GL100SS2W30	2 Windows 1 Direction	3000K	75	0.4W (150mA)	3	7	2.2W (700mA)	11	5	
GL100SS2W40	2 Windows 1 Direction	4000K	75	0.4W (150mA)	3	8	2.2W (700mA)	12	6	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 140-141 for complete LED driver offer

ACCESSORIES		
JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

Walk over ground light ideal for paths or steps

SDCM3 ensuring uniform light appearance and consistency

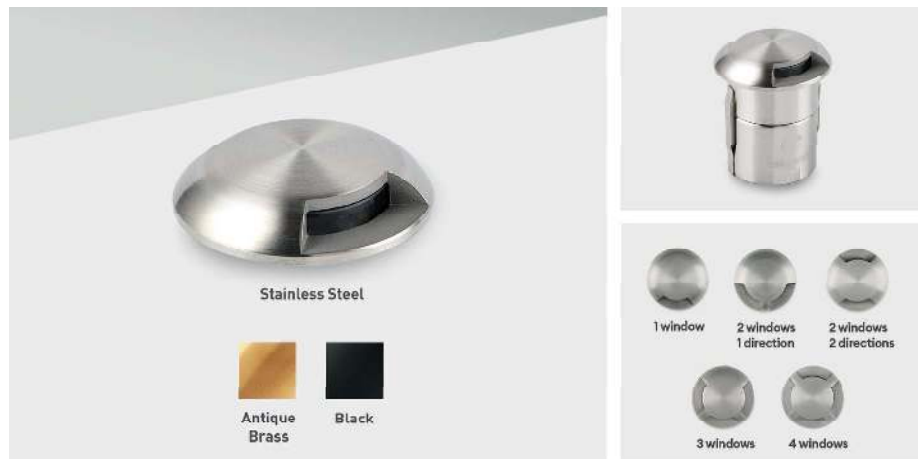
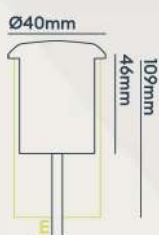
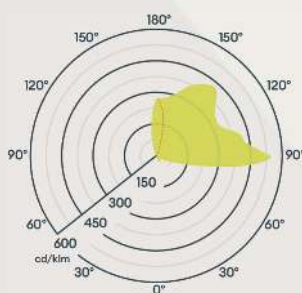
CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Long-lifetime of 70,000hrs

Available in an array of colours





BEAM (°): 75



GL100 (2 WINDOWS 2 DIRECTIONS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				150MA		700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL100SS2O22	2 Windows 2 Directions	2200K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GL100SS2O27	2 Windows 2 Directions	2700K	75	0.4W (150mA)	3	6	2.2W (700mA)	10	5	
GL100SS2O30	2 Windows 2 Directions	3000K	75	0.4W (150mA)	3	7	2.2W (700mA)	11	5	
GL100SS2O40	2 Windows 2 Directions	4000K	75	0.4W (150mA)	3	8	2.2W (700mA)	12	6	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

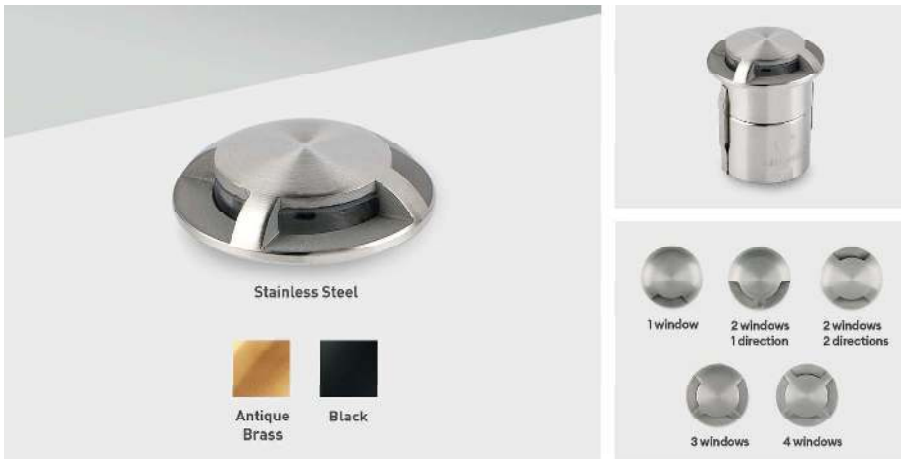
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151



- IP68** IP68 perfect for internal or external applications
-  Coastal protected
- IK08** IK08 impact protection (Stainless Steel only)





GUARANTEE
7 years

- BENEFITS**
- Supplied complete with installation tube
 - Low voltage ground light
 - Walk over ground light ideal for paths or steps
 - SDCM3 ensuring uniform light appearance and consistency
 - CRI 80 providing true colour appearance
 - Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
 - Long-lifetime of 70,000hrs
 - Available in an array of colours

GL100 (3 WINDOWS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CR>80		
SDCM	SDCM3		

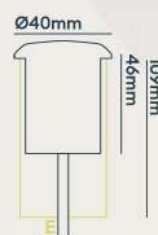
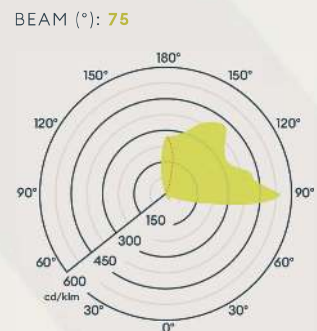
PHOTOMETRICS @ 25°C		150MA				700MA				
Product Code	Type	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL100SS3W22	3 Windows	2200K	75	0.4W (150mA)	4	10	2.2W (700mA)	16	7	
GL100SS3W27	3 Windows	2700K	75	0.4W (150mA)	4	10	2.2W (700mA)	16	7	
GL100SS3W30	3 Windows	3000K	75	0.4W (150mA)	4	10	2.2W (700mA)	17	8	
GL100SS3W40	3 Windows	4000K	75	0.4W (150mA)	5	11	2.2W (700mA)	19	8	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 140-141 for complete LED driver offer

ACCESSORIES		
JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

Low voltage ground light

Walk over ground light ideal for paths or steps

SDCM3 ensuring uniform light appearance and consistency

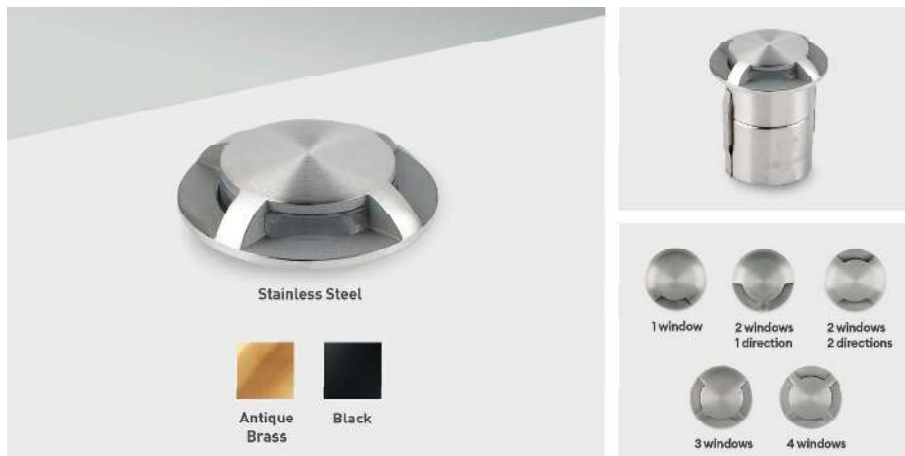
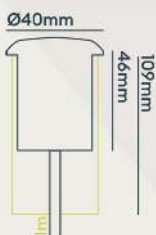
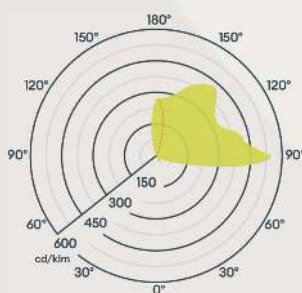
CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

Long-lifetime of 70,000hrs

Available in an array of colours





BEAM (°): 75



GL100 (4 WINDOWS)

Domed Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	55°C
Dimmable	None	Mounting Options	Floor
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				150MA		700MA				
Product Code	Type	Colour	Beam (°)	W	Im	Lm/W	W	Im	Lm/W	Energy
GL100SS4W22	4 Windows	2200K	75	0.4W (150mA)	5	11	2.2W (700mA)	18	8	
GL100SS4W27	4 Windows	2700K	75	0.4W (150mA)	5	11	2.2W (700mA)	18	8	
GL100SS4W30	4 Windows	3000K	75	0.4W (150mA)	5	12	2.2W (700mA)	20	9	
GL100SS4W40	4 Windows	4000K	75	0.4W (150mA)	6	13	2.2W (700mA)	22	10	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

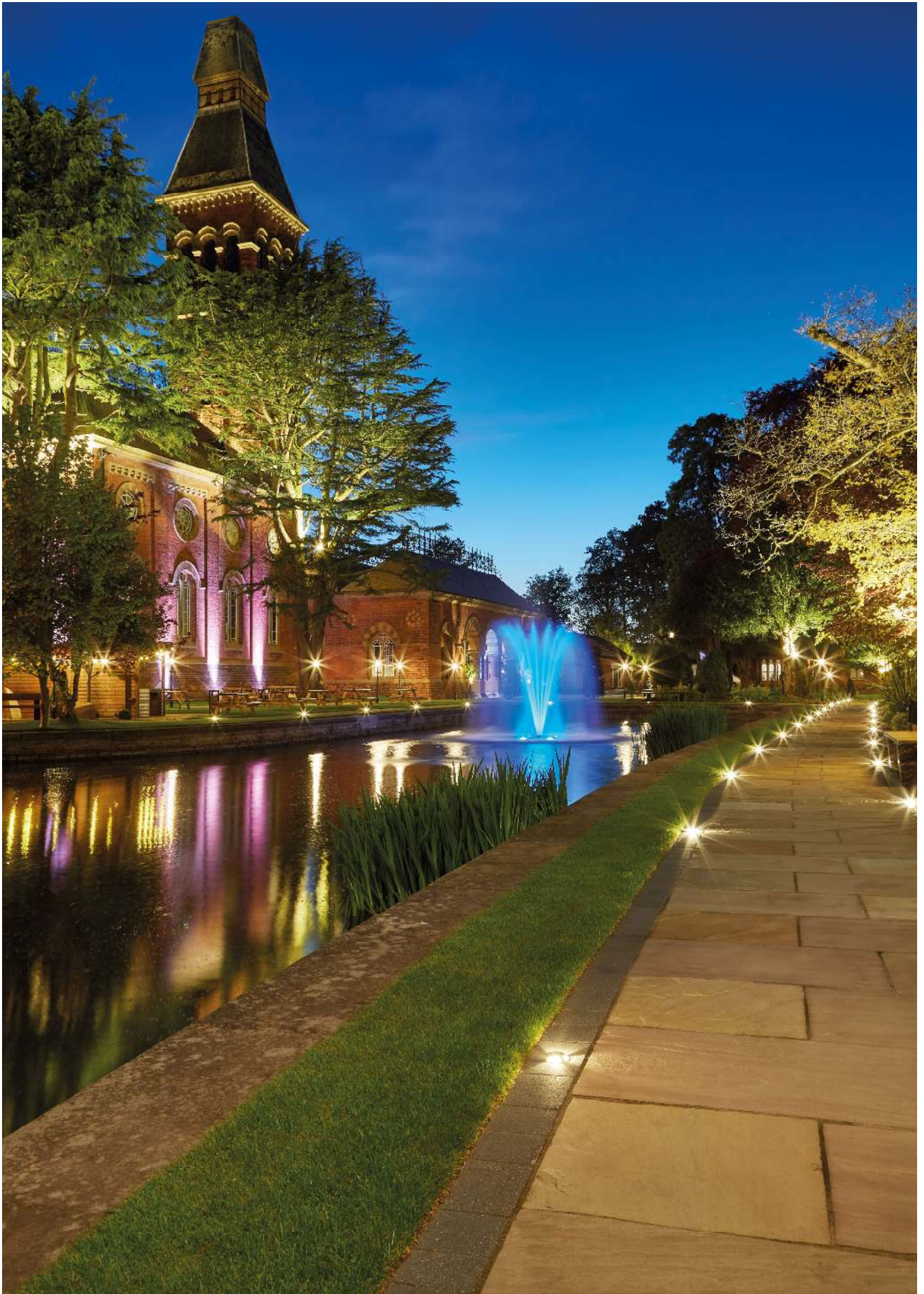
Type Of Wiring Required Series
Power Cable H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151



GROUND LIGHTS

5.7W 5.7W

 Coastal protected

 Straight to mains ground light

GUARANTEE

7 years

BENEFITS

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation



GL200 (1-2 WINDOWS)

5.7W, 40lm, domed ground light










FEATURES

Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Dimmable	None
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	70mm
Inrush Current	31A 0.12ms
Construction Material	Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
SELV	Yes
Mounting Options	Semi-Recessed
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200DX1X27	1 Window	5.7W	2700K	90	10	2	
GL200DX1X30	1 Window	5.7W	3000K	90	10	2	
GL200DX1X40	1 Window	5.7W	4000K	90	10	2	
GL200DX2I27	2 Windows 1 Direction	5.7W	2700K	90	20	4	
GL200DX2I30	2 Windows 1 Direction	5.7W	3000K	90	20	4	
GL200DX2I40	2 Windows 1 Direction	5.7W	4000K	90	20	4	
GL200DX2D27	2 Windows 2 Directions	5.7W	2700K	90	20	4	
GL200DX2D30	2 Windows 2 Directions	5.7W	3000K	90	20	4	
GL200DX2D40	2 Windows 2 Directions	5.7W	4000K	90	20	4	

Energy rating is a reflection of the LED light source.

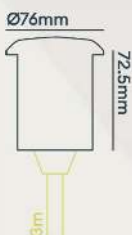
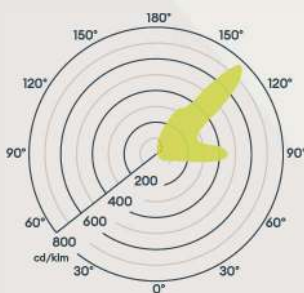
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES

JB5	Gel filled waterproof junction box	150
TUBE/68	Installation tubes	44

BEAM (°): 90





GL200 (3-4 WINDOWS)

5.7W, 40lm, domed ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Cut Out Size	70mm
IP Rating	IP65	Inrush Current	31A 0.12ms
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Mounting Options	Semi-Recessed
LED Life	L70 70,000h	Electric Class	I
CRI	CR>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200DX3X27	3 Windows	5.7W	2700K	90	30	5	
GL200DX3X30	3 Windows	5.7W	3000K	90	30	5	
GL200DX3X40	3 Windows	5.7W	4000K	90	30	5	
GL200DX4X27	4 Windows	5.7W	2700K	90	40	7	
GL200DX4X30	4 Windows	5.7W	3000K	90	40	7	
GL200DX4X40	4 Windows	5.7W	4000K	90	40	7	

Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES		
JB5	Gel filled waterproof junction box	150
TUBE/68	Installation tubes	44

5.7W 5.7W

Coastal protected

Straight to mains ground light

GUARANTEE

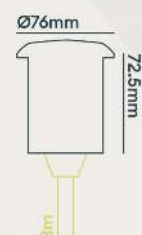
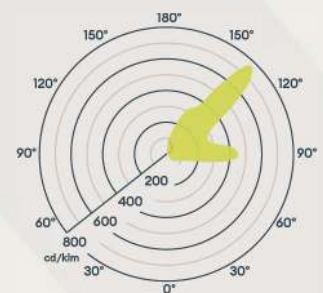
7 years

BENEFITS

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation

BEAM (°): 90



GROUND LIGHTS

5.7W 5.7W

 Coastal protected

 Straight to mains ground light

GUARANTEE

7 years

BENEFITS

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation








GL200 (1-2 WINDOWS)

5.7W, 40lm, domed ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Cut Out Size	70mm
IP Rating	IP65	Inrush Current	31A 0.12ms
Colour Flexibility	Single CCT	Construction Material	Brass
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Input	220-240V AC	Ambient Temperature	35°C
LED Life	L70 70,000h	SELV	Yes
CRI	CRI>80	Electric Class	I
		Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200AXIX27	1 Window	5.7W	2700K	90	10	2	
GL200AXIX30	1 Window	5.7W	3000K	90	10	2	
GL200AX2127	2 Windows 1 Direction	5.7W	2700K	90	20	4	
GL200AX2130	2 Windows 1 Direction	5.7W	3000K	90	20	4	
GL200AX2227	2 Windows 2 Directions	5.7W	2700K	90	20	4	
GL200AX2230	2 Windows 2 Direction	5.7W	3000K	90	20	4	

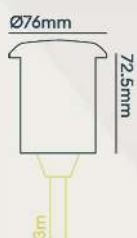
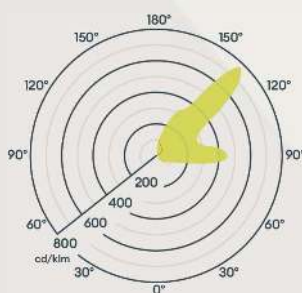
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES

JB5	Gel filled waterproof junction box	150
TUBE/68	Installation tubes	44

BEAM (°): 90





GL200 (3-4 WINDOWS)

5.7W, 40lm, domed ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK10	Cut Out Size	70mm
IP Rating	IP65	Inrush Current	31A 0.12ms
Colour Flexibility	Single CCT	Construction Material	Brass
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Input	220-240V AC	Ambient Temperature	35°C
LED Life	L70 70,000h	SELV	Yes
CRI	CR>80	Electric Class	I
		Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GL200AX3X27	3 Windows	5.7W	2700K	90	30	5	
GL200AX3X30	3 Windows	5.7W	3000K	90	30	5	
GL200AX4X27	4 Windows	5.7W	2700K	90	40	7	
GL200AX4X30	4 Windows	5.7W	3000K	90	40	7	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES

JB5	Gel filled waterproof junction box	150
TUBE/68	Installation tubes	44

5.7W 5.7W

Coastal protected

Straight to mains ground light

GUARANTEE

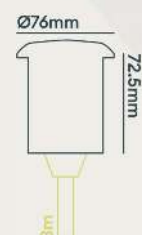
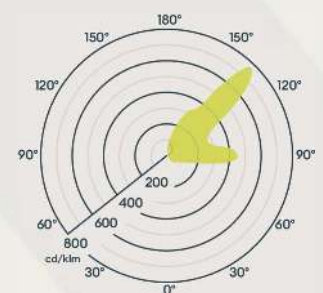
7 years

BENEFITS

Marine grade stainless steel 316 or antique brass

5 window styles and colour temperatures to suit any installation

BEAM (°): 90



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

SDCM3 ensuring uniform light appearance and consistency

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

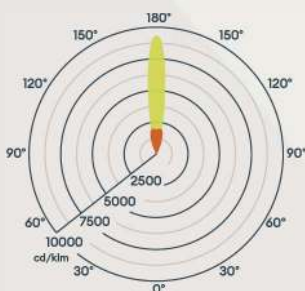
CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

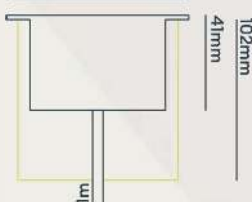
Long lifetime of 70,000hrs

Available in an array of colours

BEAM (°): 12, 40



Ø76mm



GL040 ROUND

Round Ground Light









FEATURES

Impact Strength	IK08
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Dimmable	None
Input	150mA / 250mA / 350mA / 500mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	70mm
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
Electric Class	III
Constant Current	Yes
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam (°)	150MA			700MA			Energy
			W	lm	Lm/W	W	lm	Lm/W	
GL040RSS22F	2200K	40	0.8W (150mA)	108	135	4.6W (700mA)	431	94	
GL040RSS22S	2200K	12	0.8W (150mA)	108	135	4.6W (700mA)	431	94	
GL040RSS27F	2700K	40	0.8W (150mA)	129	161	4.6W (700mA)	515	112	
GL040RSS27S	2700K	12	0.8W (150mA)	129	161	4.6W (700mA)	515	112	
GL040RSS30F	3000K	40	0.8W (150mA)	130	163	4.6W (700mA)	520	113	
GL040RSS30S	3000K	12	0.8W (150mA)	130	163	4.6W (700mA)	520	113	
GL040RSS40F	4000K	40	0.8W (150mA)	134	168	4.6W (700mA)	538	117	
GL040RSS40S	4000K	12	0.8W (150mA)	134	168	4.6W (700mA)	538	117	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer



GL016 ROUND

Low Voltage Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Cut Out Size	50mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	Fixed	Ambient Temperature	55°C
Dimmable	None	SELV	Yes
Input	150mA / 250mA / 350mA / 500mA / 700mA DC	Electric Class	III
LED Life	L70 70,000h	Constant Current	Yes
CRI	CRI>80	Earth Leakage	mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C		150MA				700MA			
Product Code	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL016RSS22F	2200K	40	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
GL016RSS22S	2200K	12	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
GL016RSS27F	2700K	40	0.4W (150mA)	51	120	2.2W (700mA)	169	89	
GL016RSS27S	2700K	12	0.4W (150mA)	51	120	2.2W (700mA)	169	89	
GL016RSS30F	3000K	40	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
GL016RSS30S	3000K	12	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
GL016RSS40F	4000K	40	0.4W (150mA)	60	143	2.2W (700mA)	234	106	
GL016RSS40S	4000K	12	0.4W (150mA)	60	143	2.2W (700mA)	234	106	

In the part code to replace your colour, change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 140-141 for complete LED driver offer

IP68 IP68 perfect for internal or external applications

Coastal protected

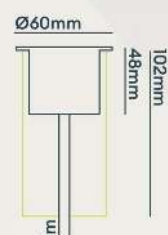
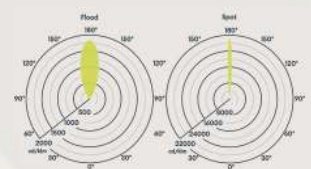
IK07 IK07 impact protection (Stainless Steel only)

GUARANTEE
7 years

BENEFITS

- Supplied complete with installation tube
- SDCM3 ensuring uniform light appearance and consistency
- CRI 80 providing true colour appearance
- Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
- Robust cable for outdoor use
- Shallow depth for easy installation
- Available in an array of colours

BEAM (°): 12, 40



GROUND LIGHTS

IP68 IP68 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

SDCM3 ensuring uniform light appearance and consistency

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

CRI 80 providing true colour appearance



GL040 ULTRA LOW GLARE

Ultra Low Glare Ground Light

FEATURES

Impact Strength	IK08
IP Rating	IP68
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Drive Over Walk Over	Walk over
Dimmable	None
Input	150mA / 250mA / 350mA / 500mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	70mm
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam (°)	150MA			500MA			
			W	Im	Lm/W	W	Im	Lm/W	Energy
GL040USS22F	2200K	40	0.8W (150mA)	77	96	3W (500mA)	238	79	
GL040USS22S	2200K	12	0.8W (150mA)	77	96	3W (500mA)	238	79	
GL040USS27F	2700K	40	0.8W (150mA)	92	115	3W (500mA)	284	95	
GL040USS27S	2700K	12	0.8W (150mA)	92	115	3W (500mA)	284	95	
GL040USS30F	3000K	40	0.8W (150mA)	93	116	3W (500mA)	287	96	
GL040USS30S	3000K	12	0.8W (150mA)	93	116	3W (500mA)	287	96	
GL040USS40F	4000K	40	0.8W (150mA)	96	120	3W (500mA)	297	99	
GL040USS40S	4000K	12	0.8W (150mA)	96	120	3W (500mA)	297	99	

In the part code to replace your colour change SS (Stainless Steel) to AB (Antique Brass) or BK (Black). Important: BK finish is made to order. Made to order variants available in Square, Frosted, Half-Moon and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

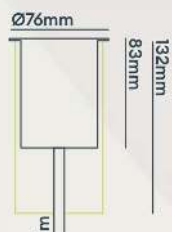
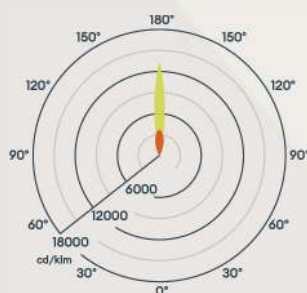
WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

BEAM (°): 12, 40





GL038 MAINS

Straight to mains LED Ground light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK06	Cut Out Size	80-85mm
IP Rating	IP65	Inrush Current	GL038AB: 9A 0.8ms, GL038BK: TBC, GL038SS: 60A 0.037ms, GL038BZ: TBC
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	Fixed	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL038SS22MF	2.8W	2200K	40	249	89	
GL038SS27MF	2.8W	2700K	40	297	106	
GL038SS30MF	2.8W	3000K	40	300	107	
GL038SS40MF	2.8W	4000K	40	310	111	

In the part code to replace your colour, change SS to AB (Antique Brass), BK (Black) or BZ (Bronze). Important: BK & BZ finish are made to order. Made to order variants available in Low Voltage options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

COMPATIBLE DRIVERS
See for complete LED driver offer

IP65 IP65 perfect for internal or external applications

Coastal protected

IK06 IK06 impact protection (Stainless Steel only)

GUARANTEE

7 years

BENEFITS

Supplied complete with installation tube

SDCM3 ensuring uniform light appearance and consistency

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

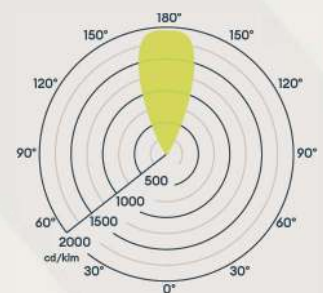
CRI 80 providing true colour appearance

Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat

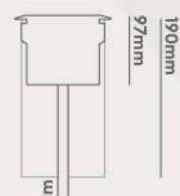
Long lifetime of 70,000hrs

Available in an array of colours

BEAM (°): 40



Ø98mm



GROUND LIGHT ACCESSORIES

Choose The Ideal Accessory For Your Ground Light

Change the correct size installation tube for your ground light.



PRODUCT CODES

Product Code	Description	Guarantee
TUBE332	Ground light installation tube	1 Year
TUBE/50	Ground light installation tube	1 Year
TUBE/68	Ground light installation tube	1 Year

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	GL200	GL019 Eyelid	GL021	GL022
TUBE332	X	●	X	X
TUBE/50	X	X	●	●
TUBE/68	●	X	X	X



IP67 IP67 for complete protection

IK08 IK08 (GLTM_11/14) IK10 (GLTM_16/19/22)

Suitable for coastal applications

GUARANTEE
5 years

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
- Supplied with installation tube

TILT ADJUSTABLE GROUND LIGHT

Straight to Mains, TRIAC mains dimmable

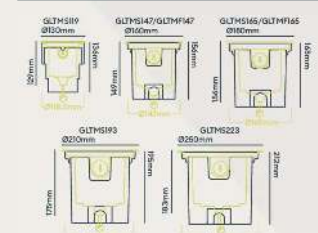
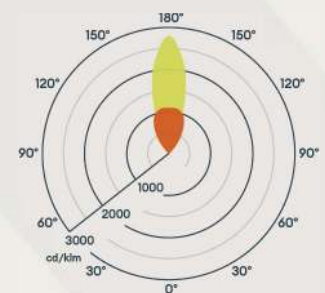
FEATURES		INSTALLATION INFORMATION	
IP Rating	IP67	Inrush Current	GLTM_11: 0.5A 0.4ms, GLTM_14: 0.6A 0.4ms, GLTM_16: 0.45A 0.5ms, GLTM_19: 0.55A 0.5ms, GLTM_22: 0.55A 0.5ms
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium, Stainless Steel 316
Tilt Angle (°)	25	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Drive over (15mph maximum)	Ambient Temperature	-25-40°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 50,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
GLTMF147T30	Ø147mm cut-out	12W	3000K	60	1200	100	
GLTMF165T30	Ø165mm cut-out	18W	3000K	60	1600	89	
GLTMS119T30	Ø119mm cut-out	6W	3000K	34	450	75	
GLTMS147T30	Ø147mm cut-out	12W	3000K	34	1200	100	
GLTMS165T30	Ø165mm cut-out	18W	3000K	34	1600	89	
GLTMS193T30	Ø193mm cut-out	23W	3000K	34	2300	100	
GLTMS223T30	Ø223mm cut-out	30W	3000K	34	3300	100	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F
Conductor Cross Section	1mm ²

ACCESSORIES		
JB5	Gel filled waterproof junction box	150
DM298FP	100W LED 2 way push on/ off rotary dimmer	0
DM298GRID	250W LED mains grid dimmer	0

BEAM (°): 34, 60



STEP LIGHTS



STEP LIGHTING

Functional And Decorative

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.

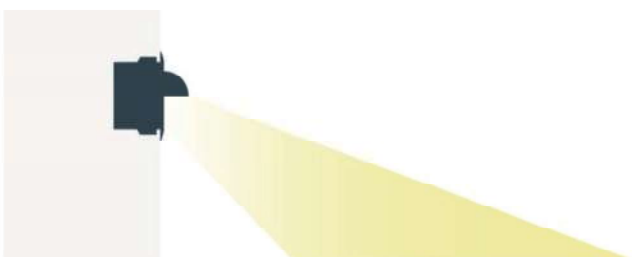


LOW GLARE STEP LIGHTING

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

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



STEP LIGHTS



1W at 350mA or 2W at 700mA



Coastal protected



Low voltage step light

GUARANTEE

7 years

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



GL019 EYELID

Asymmetric beam angle with zero upward light spill

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	33mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium
Drive Over Walk Over	No	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	50°C
Input	350mA / 700mA DC	Mounting Options	Frame Recessed
LED Life	L70 70,000h	Electric Class	III
CRI	CR>80	Constant Current	Yes
SDCM	SDCM3		

PHOTOMETRICS @ 25°C				350MA			700MA			
Product Code	Finish	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
GL019E27BL	Black	2700K	50	1W (350mA)	31	31	2W (700mA)	56	28	
GL019E27SS	Stainless Steel	2700K	50	1W (350mA)	36	36	2W (700mA)	63	31	
GL019E30BL	Black	3000K	50	1W (350mA)	36	36	2W (700mA)	64	32	
GL019E30SS	Stainless Steel	3000K	50	1W (350mA)	41	41	2W (700mA)	72	36	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

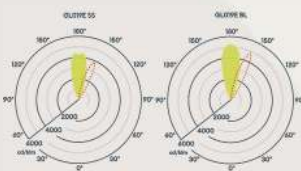
COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

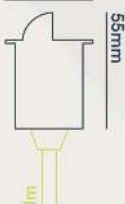
ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
TUBE332	Installation tubes	44

BEAM (°): 50



Ø40mm





IP65 IP65 perfect for internal or external applications

 Coastal protected

IK08 IK08 impact protection - walk over (Stainless Steel only)





GUARANTEE
7 years

BENEFITS
Supplied complete with installation tube
SDCM3 ensuring uniform light appearance and consistency
Single LED and lens combination for maximum efficiency and optimal light distribution
CRI 80 providing true colour appearance
Available in a new 2200K setting to create a warm and cosy environment with minimal disruption to natural habitat
Long lifetime of 70,000hrs
Available in an array of colours

GL034 MAINS

Hooded Mains Ground Light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Cut Out Size	80-85mm
IP Rating	IP65	Inrush Current	GL034SS: 60A 0.037ms, Other Variant: TBC
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Drive Over Walk Over	No	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CR>80		
SDCM	SDCM3		

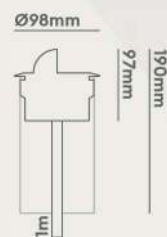
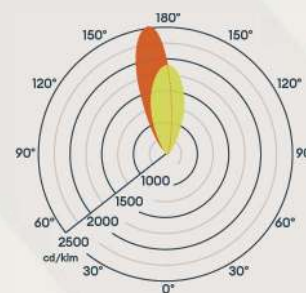
PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL034SS22MF	2.8W	2200K	40	154	55	
GL034SS27MF	2.8W	2700K	40	184	66	
GL034SS30MF	2.8W	3000K	40	186	66	
GL034SS40MF	2.8W	4000K	40	192	69	

In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Important: BK & AB finish are made to order. Made to order variants available in Low Voltage options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES		
JB5	Gel filled waterproof junction box	150


BEAM (°): 40



STEP LIGHTS

1W 1W at 350mA

 Coastal protected

 Low voltage groundlight

GUARANTEE

7 years

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

Impact Strength	IK07
IP Rating	IP68
Colour Flexibility	Single CCT
Drive Over Walk Over	Walk over
Dimmable	None
Input	350mA DC
LED Life	L70 70,000h
CRI	CRi>80
SDCM	SDCM3

INSTALLATION INFORMATION

Cut Out Size	50mm
Inrush Current	N/A
Construction Material	Stainless Steel 316
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Wall
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
GL021 27	1W	2700K	30	8	8	
GL021 NW	1W	4000K	30	10	10	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

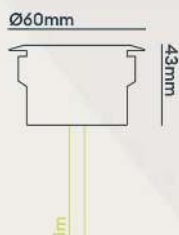
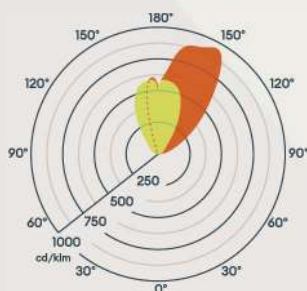
COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
TUBE/50	Installation tubes	44
WCR 275 BLACK	2-core rubber cable	151

BEAM (°): 30





GL022

Square 30° slotted LED ground / step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Cut Out Size	50mm
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	35°C
Input	350mA DC	Mounting Options	Wall
LED Life	L70 70,000h	Electric Class	III
CRI	CRI>80	Constant Current	Yes
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	Im	Lm/W	Energy
GL022 27	1W	2700K	30	8	8	
GL022 NW	1W	4000K	30	10	10	
GL022 WW	1W	3000K	30	8	8	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
TUBE/50	Installation tubes	44
WCR 275 BLACK	2-core rubber cable	151

1W

1W at 350mA



Coastal protected



Low voltage groundlight

GUARANTEE

7 years

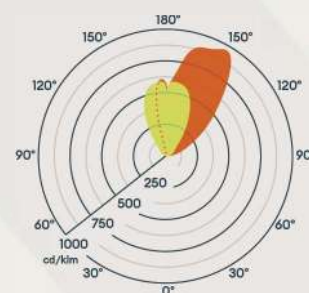
BENEFITS

Angled light, ideal for use as a step light

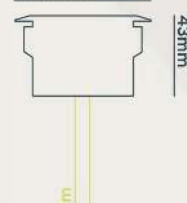
Robust cable for outdoor use

Brushed stainless steel for sleek effect

BEAM (°): 30



60x60mm



STEP LIGHTS

2,6W 2.6W

 Coastal protected

 Main voltage step light

GUARANTEE

7 years

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		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	80mm
IP Rating	IP65	Inrush Current	9A 0.8ms
Colour Flexibility	Single CCT	Construction Material	Stainless Steel 316
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	35°C
Input	220-240V AC	SELV	Yes
LED Life	L70 70,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL339WW	Stainless Steel	2.6W	3000K	50	50	19	

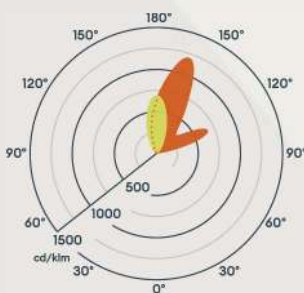
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

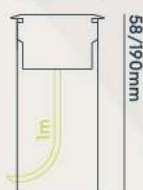
ACCESSORIES

JB5	Gel filled waterproof junction box	150
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BEAM (°): 50



Ø98mm





WL340

Asymmetric, straight to mains, brush finish step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	80mm
IP Rating	IP65	Inrush Current	9A 0.8ms
Colour Flexibility	Single CCT	Construction Material	Stainless Steel, Brass
Drive Over Walk Over	Walk over	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	35°C
Input	220-240V AC	SELV	Yes
LED Life	L70 70,000h	Mounting Options	Wall
CRI	CR180	Electric Class	I
SDCM	SDCM3	Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL340ABWW	Antique Brass	2.6W	3000K	50	50	19	
WL340WW	Stainless Steel	2.6W	3000K	50	50	19	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES

JB5	Gel filled waterproof junction box	150
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2,6W 2.6W

Coastal protected

Main voltage step light

GUARANTEE

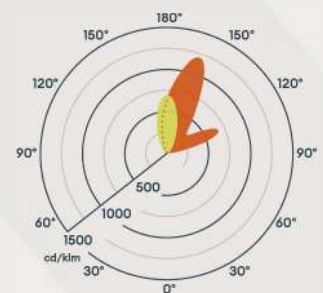
7 years

BENEFITS

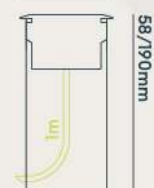
Installation tube included

Ideal for illuminating walls, steps and pathways

BEAM (°): 50



Ø98mm



STEP LIGHTS

2,6W 2.6W

 Coastal protected

 Main voltage step light

GUARANTEE

7 years

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		INSTALLATION INFORMATION	
Impact Strength	Other	Inrush Current	9A 0.8ms
IP Rating	IP65	Construction Material	Stainless Steel 316
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70, 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL341NW	Stainless Steel	2.6W	4000K	50	59	22	

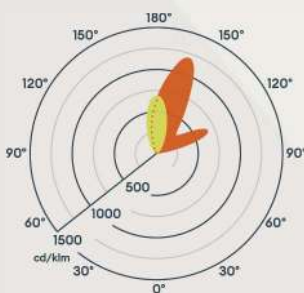
WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

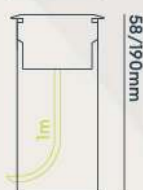
ACCESSORIES

JB5	Gel filled waterproof junction box	150
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BEAM (°): 50



98x98mm





WL342

Asymmetric, straight to mains, brush finish step light

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Cut Out Size	80mm
IP Rating	IP65	Inrush Current	9A 0.8ms
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Drive Over Walk Over	Walk over	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Mounting Options	Wall
LED Life	L70 70,000h	Electric Class	I
CRI	CR1>80	Earth Leakage	0.1mA
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	Im	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	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES	
JB5	Gel filled waterproof junction box 150

2,6W 2.6W

Coastal protected

Main voltage step light

GUARANTEE

7 years

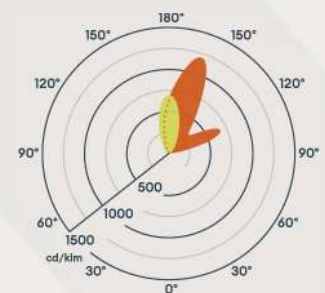
BENEFITS

Can be used as a wall light or ground light

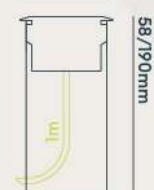
Installation tube included

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

BEAM (°): 50



98x98mm



SPIKE LIGHTS



SPIKE LIGHTS

To Create Engaging Outdoor Spaces

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 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.

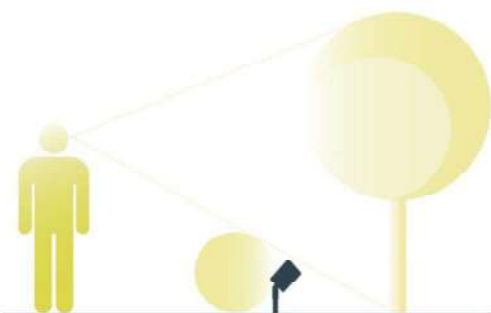
Low glare snoot



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.



MADE TO ORDER

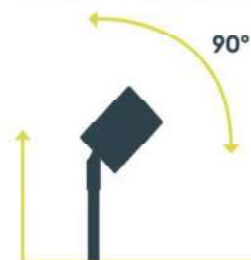
		SL220
Finish / Material	Antique Brass	●
	Black	●
	Bronze	●
	Stainless Steel	●
Beam Angle	Spot	●
	Flood	●
Lit Effect	Clear Glass	●
	Frosted Glass	●
	Honeycomb Low-Glare	●
	Half Moon Glass	●
CCT	2200K	●
	2700K	●
	3000K	●
	4000K	●
Low Voltage Option		●

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.

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

BENEFITS

Long spike included for extra stability

Robust cable for outdoor use

Small & discreet

Single Point Source LED



SLO30 | SL130

1W LED spike light

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	Fixed
Dimmable	None
Input	350mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Stainless Steel 316, Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Floor
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam (°)	350MA			700MA			Energy
				W	lm	Lm/W	W	lm	Lm/W	
SL030 F 27	Stainless Steel 316	2700K	26	1W	70	70	2W	120	60	
SL030 F NW	Stainless Steel 316	4000K	26	1W	95	95	2W	140	70	
SL030 F WW	Stainless Steel 316	3000K	26	1W	75	75	2W	135	68	
SL13027	Black	2700K	26	1W	70	70	2W	120	60	
SL13030	Black	3000K	26	1W	75	75	2W	135	68	
SL13040	Black	4000K	26	1W	95	95	2W	140	70	
SL130ZMBX27	Bronze	2700K	26	1W	70	70	2W	120	60	
SL130ZMBX30	Bronze	3000K	26	1W	75	75	2W	135	68	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

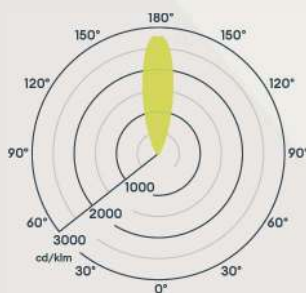
COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

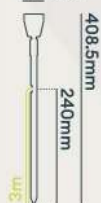
ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151

BEAM (°): 26



Ø42mm





SL040A

High output LED spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Construction Material	Anodised Aluminium
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	90	Ambient Temperature	35°C
Rotation Angle (°)	Fixed	Mounting Options	Floor
Dimmable	None	Electric Class	III
Input	700mA DC	Constant Current	Yes
LED Life	L70 70,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
SL040A F 27	Black	7W	2700K	38	377	54	
SL040A F WW	Black	7W	3000K	38	413	59	
SL040A S 27	Black	7W	2700K	18	377	54	
SL040A S WW	Black	7W	3000K	18	413	59	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151

7W 7W



Coastal protected

IP65

IP65 ideal for outdoor areas

GUARANTEE

7 years

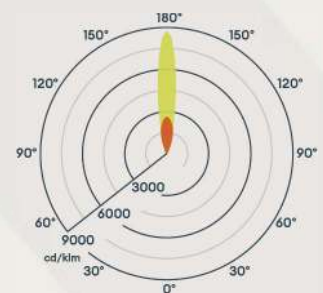
BENEFITS

Long spike included for extra stability

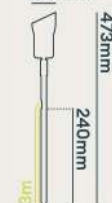
Robust cable for outdoor use

Hooded for reduced glare

BEAM (°): 18, 38



Ø57mm



SPIKE LIGHTS



Switchable driver option for quick and easy installation



Coastal protected



IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

Tiltable for flexible lighting direction to help suit any installation

SDCM3 ensuring uniform light appearance and consistency

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

Choice of material finish to suit different styles



SL220 LOW VOLTAGE

Low Voltage LED Spike light

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	Fixed
Dimmable	None
Input	150mA / 250mA / 350mA / 500mA / 700mA DC
LED Life	L70 70,000h
CRI	CR>80
SDCM	SDCM3

INSTALLATION INFORMATION

Inrush Current	0.07ms 5.2A
Suitable For Coastal Areas	Yes
Ambient Temperature	55°C
SELV	Yes
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam (°)	150MA			700MA			
			W	lm	Lm/W	W	lm	Lm/W	Energy
SL220SS27XF	2700K	40	0.8W (150mA)	129	161	4.6W (700mA)	515	112	
SL220SS27XS	2700K	12	0.8W (150mA)	129	161	4.6W (700mA)	515	112	
SL220SS30XF	3000K	40	0.8W (150mA)	130	163	4.6W (700mA)	520	113	
SL220SS30XS	3000K	12	0.8W (150mA)	130	163	4.6W (700mA)	520	113	
SL220SS40XF	4000K	40	0.8W (150mA)	134	168	4.6W (700mA)	538	117	
SL220SS40XS	4000K	12	0.8W (150mA)	134	168	4.6W (700mA)	538	117	

In the part code to replace your colour, change SS to BK (Black). Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

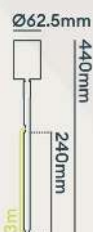
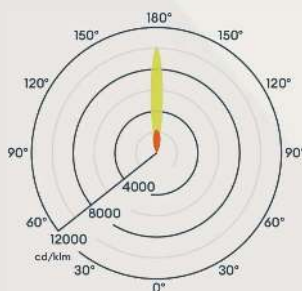
COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150

BEAM (°): 12, 40





SL220 MAINS

Mains Voltage LED Spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Inrush Current	0.07ms 5.2A
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	90	Ambient Temperature	55°C
Rotation Angle (°)	Fixed	SELV	Yes
Dimmable	None	Electric Class	I
Input	220-240V AC	Earth Leakage	0.1mA
LED Life	L70 70,000h		
CRI	CR180		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
SL220SS27MS	5.7W	2700K	12	515	90	
SL220SS30MS	5.7W	3000K	12	520	91	
SL220SS40MF	5.7W	4000K	40	538	94	
SL220SS40MS	5.7W	4000K	12	538	94	

In the part code to replace your colour, change SS to BK (Black). Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 6mm)

ACCESSORIES		
JB5	Gel filled waterproof junction box	150
GH220	Low-glare, tapered hood	71
GS220	Low-glare, cylindrical snoot	71

5.7W 5.7W

Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

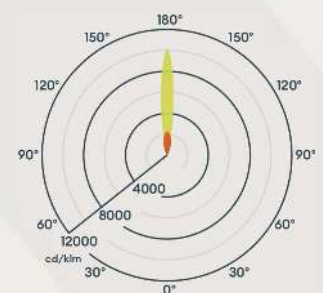
Tiltable for flexible lighting direction to help suit any installation

SDCM3 ensuring uniform light appearance and consistency

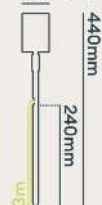
Single LED and lens combination for maximum efficiency and optimal light distribution

Choice of material finish to suit different styles

BEAM (°): 12, 40



Ø62.5mm



SPIKE LIGHTS

2.2W
or
4.4W 2.2W at 350mA or
4.4W at 700mA

 Coastal protected

IP65 IP65 ideal for
outdoor areas

GUARANTEE

7 years

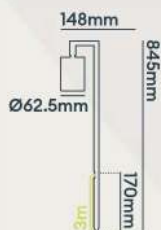
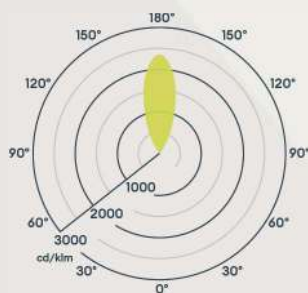
BENEFITS

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

Choice of material finish to suit different styles

Choose from a range of hoods for reduced glare.

BEAM (°): 40



GH220B



GS220B

SL230 SINGLE HEAD

Low voltage single head LED spike light



FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	330
Dimmable	None
Input	350mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	50°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam (°)	350MA			700MA			Energy
				W	lm	Lm/W	W	lm	Lm/W	
SLX230SHA30	Anthracite	3000K	40	2.2W	300	136	4.6W	520	113	
SLX230SHB30	Black	3000K	40	2.2W	300	136	4.6W	520	113	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

GH220	Low-glare, tapered hood	71
GS220	Low-glare, cylindrical snoot	71
JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150



SL230 SINGLE HEAD MAINS

Mains voltage single head LED spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Inrush Current	60A 37µs (SLM230SH_...)
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium
Tilt Angle (°)	90	Suitable For Coastal Areas	Yes
Rotation Angle (°)	330	Ambient Temperature	50°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CR>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
SLM230SHA30	Anthracite	5.7W	3000K	40	520	91	
SLM230SHB30	Black	5.7W	3000K	40	520	91	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES		
GH220	Low-glare, tapered hood	71
GS220	Low-glare, cylindrical snoot	71
JB5	Gel filled waterproof junction box	150

5.7W 5.7W

Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

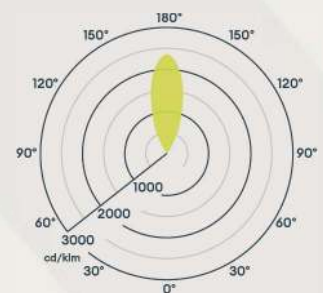
High efficacy of 91lm/W

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

Choice of material finish to suit different styles

Choose from a range of hoods for reduced glare.

BEAM (°): 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

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

Additional accessories also available such as hoods and snoots



SL230

Low voltage LED twin pole spike light






FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	90
Rotation Angle (°)	330
Dimmable	None
Input	350mA / 700mA DC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	35°C
Mounting Options	Floor
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam (°)	350MA			700MA			Energy
				W	lm	Lm/W	W	lm	Lm/W	
SL230BWBX27	Black	2700K	40	4.4W	580	135	9.2W	1030	111	
SL230BWBX30	Black	3000K	40	4.4W	580	140	9.2W	1030	112	
SL230DWBX30	Stainless Steel	3000K	40	4.4W	580	140	9.2W	1030	112	
SL230ZWBX27	Bronze	2700K	40	4.4W	580	135	9.2W	1030	111	
SL230ZWBX30	Bronze	3000K	40	4.4W	600	140	9.2W	1040	112	

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

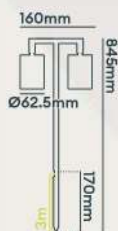
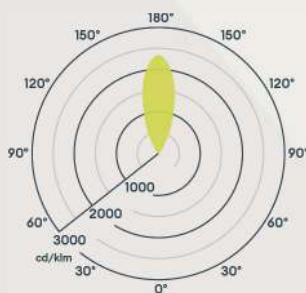
COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer

ACCESSORIES

GH220	Low-glare, tapered hood	71
GS220	Low-glare, cylindrical snoot	71
JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150

BEAM (°): 40





SL230 MAINS

Mains voltage LED twin pole spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Inrush Current	120A 37µs
Colour Flexibility	Single CCT	Suitable For Coastal Areas	Yes
Tilt Angle (°)	90	Ambient Temperature	35°C
Rotation Angle (°)	330	SELV	Yes
Dimmable	None	Mounting Options	Floor
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CR>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
SL230BWBM27	Black	11.4W	2700K	40	1030	2 x 90	
SL230BWBM30	Black	11.4W	3000K	40	1040	2 x 91	
SL230DWBM27	Stainless Steel	11.4W	2700K	40	1030	2 x 90	
SL230DWBM30	Stainless Steel	11.4W	3000K	40	1040	2 x 91	
SL230ZWBM30	Bronze	11.4W	3000K	40	1040	2 x 91	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

ACCESSORIES		
GH220	Low-glare, tapered hood	71
GS220	Low-glare, cylindrical snoot	71
JB5	Gel filled waterproof junction box	150

11.4W 11.4W

Coastal protected

IP65 IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

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

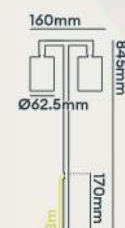
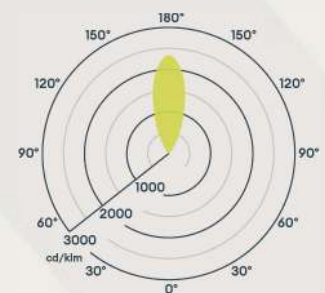
Easily ground mounted with spiked pole and single cable for quick installation

Elegant and discreet black and bronze finishes

Mains voltage for easy installation

Highly efficiency of 93lm/W

BEAM (°): 40





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.

GH220

GS220

Accessory on its own



Accessory on product



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

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	SL030	SL040A	SL220	SL220 Mains
GH220B	X	X	●	●
GH220D	X	X	●	●
GH220Z	X	X	●	●
GS220B	X	X	●	●
GS220D	X	X	●	●
GS220Z	X	X	●	●

SPIKE LIGHTS



Switchable between 2200K and 3000K



360° even light distribution



IP66 ideal for outdoor areas

GUARANTEE

5 years

BENEFITS

Installation spike included with product

Water ingress protection device included in cable

Can be dimmable based on driver used

A full range of aesthetical and installation accessories available

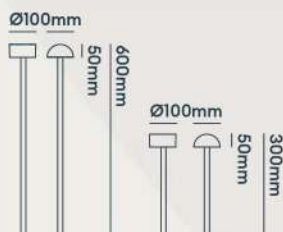
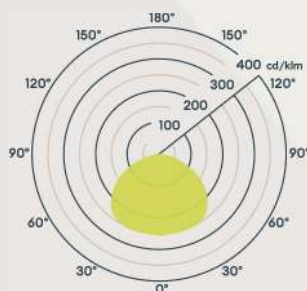
DC in Product Code = Domed Cover

FC in Product Code = Flat Cover

Product is delivered with Cover and Installation Spike as standard

Our anodised finish offers high corrosion resistance and excellent coastal protection, proven by a 1000hr salt mist test

BEAM (°): 120



SPYDRA

CCT colour switchable LED low voltage spike light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP66	Inrush Current	N/A
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Tilt Angle (°)	Fixed	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	-20-40°C
Input	700mA DC	Electric Class	III
LED Life	L70 50,000h	Constant Current	Yes
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C					
W	Colour	Beam (°)	lm	Lm/W	Energy
3W	2200K	120	240	60	
	3000K		310	77	
6.5W	2200K	120	450	56	
	3000K		580	73	

Default Settings: 3000K colour temperature, 24W power consumption. Energy rating is a reflection of the LED light source.

PRODUCT CODES					
SPYA3DCS	300mm Domed Grey	SPYA6FCS	600mm Flat Grey	SPYB6DCS	600mm Domed Black
SPYA3FCS	300mm Flat Grey	SPYB3DCS	300mm Domed Black	SPYB6FCS	600mm Flat Black
SPYA6DCS	600mm Domed Grey	SPYB3FCS	300mm Flat Black		

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

ACCESSORIES		
SPYBASEA	Spydra Base Plate for surface mounting, Grey	73
SPYBASEB	Spydra Base Plate for surface mounting, Black	73
SPYDCOVA	Spydra Domed Cover Round, Grey	73
SPYDCOVB	Spydra Domed Cover Round, Black	73
SPYFCOVA	Spydra Flat Cover, Grey	73
SPYFCOVB	Spydra Flat Cover, Black	73
SPYSPIKE	Spydra Spike Kit Accessory	73

SPYDRA ACCESSORIES

Choose The Ideal Accessory For Your Spydra Light

Choose the ideal aesthetic and mounting options.



PRODUCT CODES

Product Code	Description
SPYBASEA	Spydra Base Plate for surface mounting, Grey
SPYBASEB	Spydra Base Plate for surface mounting, Black
SPYDCOVA	Spydra Domed Cover Round, Grey
SPYDCOV B	Spydra Domed Cover Round, Black
SPYFCOVA	Spydra Flat Cover, Grey
SPYFCOV B	Spydra Flat Cover, Black

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	SPYA3DCS	SPYA3FCS	SPYB3DCS	SPYB3FCS	SPYA6DCS	SPYA6FCS	SPYB6DCS	SPYB6FCS
SPYBASEA	●	●	✗	✗	●	●	✗	✗
SPYBASEB	✗	✗	●	●	✗	✗	●	●
SPYDCOVA	●	●	✗	✗	●	●	✗	✗
SPYDCOV B	✗	✗	●	●	✗	✗	●	●
SPYFCOVA	●	●	✗	✗	●	●	✗	✗
SPYFCOV B	✗	✗	●	●	✗	✗	●	●

FEATURE LIGHTS



FEATURE LIGHTS

A Flexible Solution

MADE TO ORDER

		UL010	UL030
Finish / Material	Antique Brass	●	●
	Black	●	●
	Bronze	●	●
	Stainless Steel	●	●
Beam Angle	Spot	X	●
	Flood	●	●
Lit Effect	Clear Glass	●	●
	Frosted Glass	X	X
	Honeycomb Low-Glare	●	●
	Half Moon Glass	X	X
CCT	2200K	●	●
	2700K	●	●
	3000K	●	●
	4000K	●	●
Low Voltage Option		●	●

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.



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.



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.



COASTAL PROTECTION

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



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



Switchable driver option for quick and easy installation



Coastal Protected



IP68 ideal for outdoor areas and under water lighting

GUARANTEE

7 years

BENEFITS

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

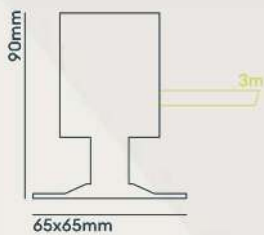
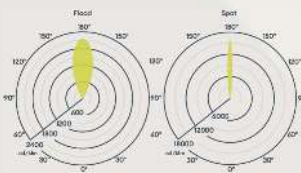
Complete with wall fixings

Tilt & rotate for adjusting light

Available in an array of colours

Long lifetime of 70,000hrs

BEAM (°): 12, 40



UL030

High output universal LED light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel
Tilt Angle (°)	360	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	55°C
Sensor	None	Electric Class	III
Dimmable	None	Constant Current	Yes
Input	150mA / 250mA / 350mA / 500mA / 700mA DC		
LED Life	L70 70,000h		
CRI	CRi>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C		150MA		700MA					
Product Code	Colour	Beam (°)	W	Im	Lm/W	W	Im	Lm/W	Energy
UL030SS22XF	2200K	40	0.85W (150mA)	108	135	4.6W (700mA)	431	94	
UL030SS22XS	2200K	12	0.85W (150mA)	108	135	4.6W (700mA)	431	94	
UL030SS27XF	2700K	40	0.85W (150mA)	129	161	4.6W (700mA)	515	112	
UL030SS27XS	2700K	12	0.85W (150mA)	129	161	4.6W (700mA)	515	112	
UL030SS30XF	3000K	40	0.85W (150mA)	130	163	4.6W (700mA)	520	113	
UL030SS30XS	3000K	12	0.85W (150mA)	130	163	4.6W (700mA)	520	113	
UL030SS40XF	4000K	40	0.85W (150mA)	134	168	4.6W (700mA)	538	117	
UL030SS40XS	4000K	12	0.85W (150mA)	134	168	4.6W (700mA)	538	117	

In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Made to order variants available in 2200K and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS

See Pages 140-141 for complete LED driver offer



UL010

Universal LED light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP68	Inrush Current	N/A
Colour Flexibility	Single CCT	Construction Material	Stainless Steel
Tilt Angle (°)	360	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	55°C
Sensor	None	Electric Class	III
Dimmable	None	Constant Current	Yes
Input	150mA / 250mA / 350mA / 500mA / 700mA DC		
LED Life	L70 70,000h		
CRI	CR>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C		150MA				700MA			
Product Code	Colour	Beam (°)	W	lm	Lm/W	W	lm	Lm/W	Energy
UL010SS22XF	2200K	40	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
UL010SS27XF	2700K	40	0.4W (150mA)	51	120	2.2W (700mA)	196	89	
UL010SS30XF	3000K	40	0.4W (150mA)	54	129	2.2W (700mA)	210	95	
UL010SS40XF	4000K	40	0.4W (150mA)	60	143	2.2W (700mA)	234	106	

In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Made to order variants available in 2200K and Honeycomb Mesh options. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

COMPATIBLE DRIVERS
See Pages 140-141 for complete LED driver offer

ACCESSORIES		
JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
WCR 275 BLACK	2-core rubber cable	151

Switchable driver option for quick and easy installation

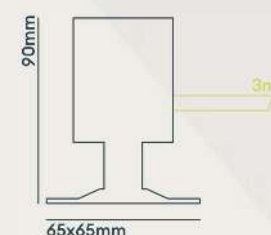
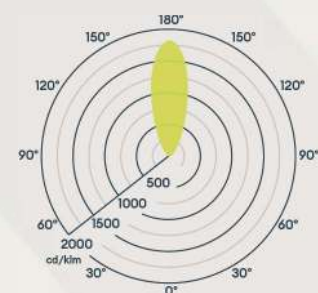
Coastal Protected

IP68 IP68 ideal for outdoor areas and under water lighting

GUARANTEE
7 years

BENEFITS
Complete with wall fixings
Robust cable for use outdoors
Tilt & rotate for adjusting light
Available in an array of colours
Long lifetime of 70,000hrs

BEAM (°): 40



WALL LIGHT



WALL LIGHTS

To Create Secure And Adventurous Spaces

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:



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.



PREMIUM FINISHES

Available in a range of stylish finishes such as anodised aluminium and antique brass, 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 brass 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



Directional



Decorative





WL012

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



MADE TO ORDER

		WL220
Finish / Material	Antique Brass	●
	Black	●
	Bronze	●
	Stainless Steel	●
Beam Angle	Spot	●
	Flood	●
Lit Effect	Clear Glass	●
	Frosted Glass	●
	Honeycomb Low-Glare	●
	Half Moon Glass	●
CCT	2200K	●
	2700K	●
	3000K	●
	4000K	●
Low Voltage Option		✗

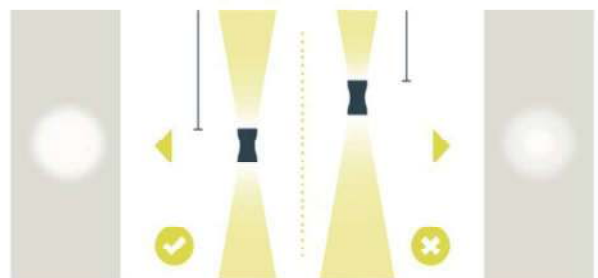
HEIGHT OF WALL LIGHTS

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 LIGHT

5.1W

5.1W



Coastal protected

IP65

IP65 ideal for outdoor environments

GUARANTEE

7 years

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



WL070

Straight to mains, high output LED wall light

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	2
Inrush Current	60A 0.037ms
Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	40°C
SELV	Yes
Mounting Options	Wall
Electric Class	I
Earth Leakage	0.1mA

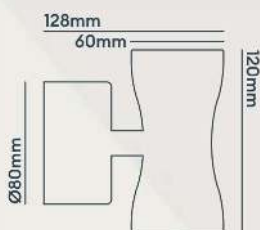
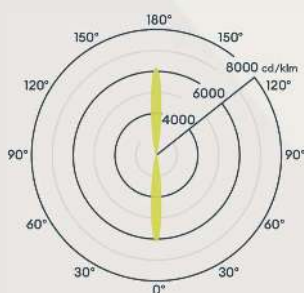
PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	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

Type Of Wiring Required	Parallel
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BEAM (°): 12





WL075

Straight to mains, high output LED wall light

FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Bathroom Zone	2
Colour Flexibility	Single CCT	Inrush Current	60A 0.037ms
Tilt Angle (°)	Fixed	Construction Material	Anodised Aluminium
Sensor	None	Suitable For Coastal Areas	Yes
Dimmable	None	Ambient Temperature	40°C
Input	220-240V AC	SELV	Yes
LED Life	L70 70,000h	Mounting Options	Wall
CRI	CRi>80	Electric Class	I
SDCM	SDCM3	Earth Leakage	0.1mA
Emergency Option	None		

PHOTOMETRICS @ 25°C							
Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL075BNBM27	Black	5.7W	2700K	110	515	90	
WL075BNBM30	Black	5.7W	3000K	110	520	91	
WL075SNBM27	Silver	5.7W	2700K	110	515	90	
WL075SNBM30	Silver	5.7W	3000K	110	520	91	
WL075ZNBM27	Bronze	5.7W	2700K	110	515	90	
WL075ZNBM30	Bronze	5.7W	3000K	110	520	91	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

5.7W

5.7W



Coastal protected

IP65

IP65 ideal for outdoor environments

GUARANTEE

7 years

BENEFITS

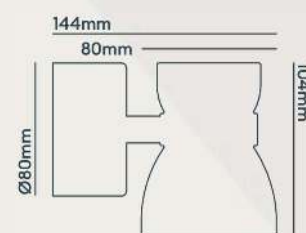
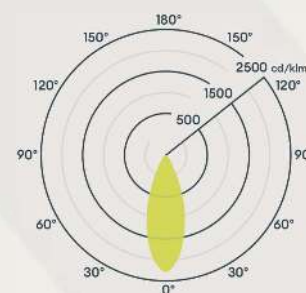
Single LED and lens combination for maximum efficiency and optimal light distribution.

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

Anodised Aluminium is sleek and durable

Long lifetime of 70,000hrs

BEAM (°): 110








5.7W 5.7W

 Coastal protected

 Adjustable LED fitting
330°

GUARANTEE
7 years









BENEFITS

- Straight to mains
- IP65 ideal for outdoor environments
- Improved look and feel with single LED
- Adjustable head allows for quick changes in direction light to suit any installation.
- Available in an array of colours Antique Brass, Black, Bronze, Copper, and Stainless Steel

WL220

Straight to mains LED wall light

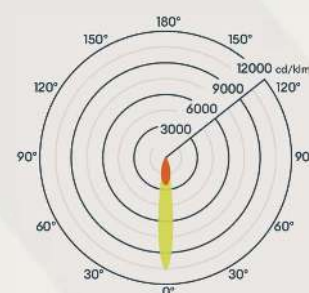
FEATURES		INSTALLATION INFORMATION	
IP Rating	IP65	Bathroom Zone	2
Colour Flexibility	Single CCT	Inrush Current	0.07ms 5.2A
Tilt Angle (°)	90	Construction Material	Stainless Steel
Rotation Angle (°)	330	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	35°C
Dimmable	None	SELV	Yes
Input	220-240V AC	Electric Class	I
LED Life	L70 70,000h	Earth Leakage	0.1mA
CRI	CRI>80		
SDCM	SDCM3		
Emergency Option	None		

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
WL220SS22MF	5.7W	2200K	40	431	76	
WL220SS22MS	5.7W	2200K	12	431	76	
WL220SS27MF	5.7W	2700K	40	515	90	
WL220SS27MS	5.7W	2700K	12	515	90	
WL220SS30MF	5.7W	3000K	40	520	91	
WL220SS30MS	5.7W	3000K	12	520	91	
WL220SS40MF	5.7W	4000K	40	538	94	
WL220SS40MS	5.7W	4000K	12	538	94	

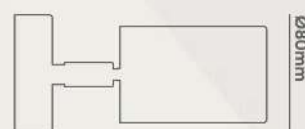
In the part code to replace your colour, change SS to AB (Antique Brass) or BK (Black). Important: AB finish is made to order. Energy rating is a reflection of the LED light source.

WIRING INFORMATION	
Type Of Wiring Required	Parallel

BEAM (°): 12, 40



145mm



WALL LIGHT

2,6W 2.6W



Coastal protected

IP65

IP65 ideal for outdoor environments

GUARANTEE

7 years

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



WL060

WL060

FEATURES

IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 70,000h
CRI	CRI>80
SDCM	SDCM3
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	2
Inrush Current	9A 0.8ms
Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	40°C
SELV	Yes
Mounting Options	Wall
Electric Class	I
Earth Leakage	0.1mA

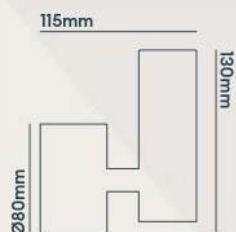
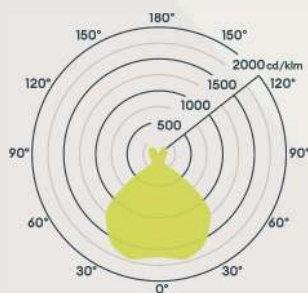
PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL060 NW	Silver	2.6W	4000K	120	82	32	
WL060 WW	Silver	2.6W	3000K	120	58	22	
WL160 27	Black	2.6W	2700K	120	56	22	
WL160 NW	Black	2.6W	4000K	120	82	32	
WL160 WW	Black	2.6W	3000K	120	58	22	

WIRING INFORMATION

Type Of Wiring Required Parallel

BEAM (°): 120





11W



Integral bracket for easy installation



IP54 ideal for framing doorways and entrances

GUARANTEE

5 years

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

WL012

IP54, 610lm straight to mains wall light

FEATURES	
Impact Strength	IK04
IP Rating	IP54
Colour Flexibility	Single CCT
Tilt Angle (°)	Fixed
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 30,000h
CRI	CRI>80
SDCM	SDCM5
Emergency Option	None

INSTALLATION INFORMATION	
Inrush Current	20A 0.5ms
Construction Material	Aluminium
Suitable For Coastal Areas	No
Ambient Temperature	40°C
SELV	Yes
Electric Class	I
Earth Leakage	0.1mA

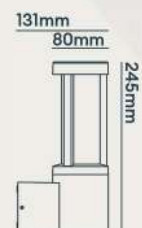
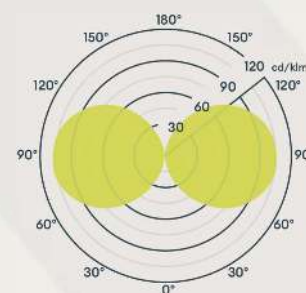
PHOTOMETRICS @ 25°C

Product Code	Finish	W	Colour	Beam (°)	lm	Lm/W	Energy
WL012G30	Grey	11.0W	3000K	338	610	55	
WL012X30	Black	11.0W	3000K	338	610	55	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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BEAM (°): 338



RESIDENTIAL FLOODLIGHT



RESIDENTIAL FLOODLIGHTS

Functional And Security Lighting

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

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 & 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

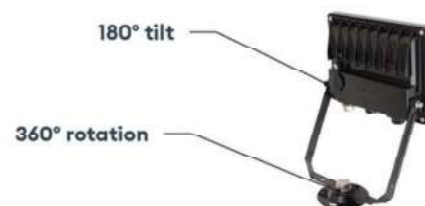
The product has a circular bracket at the end which allows it to be rotated in any direction. Once installed onto a wall, the light can be pointed in any direction with ease.

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

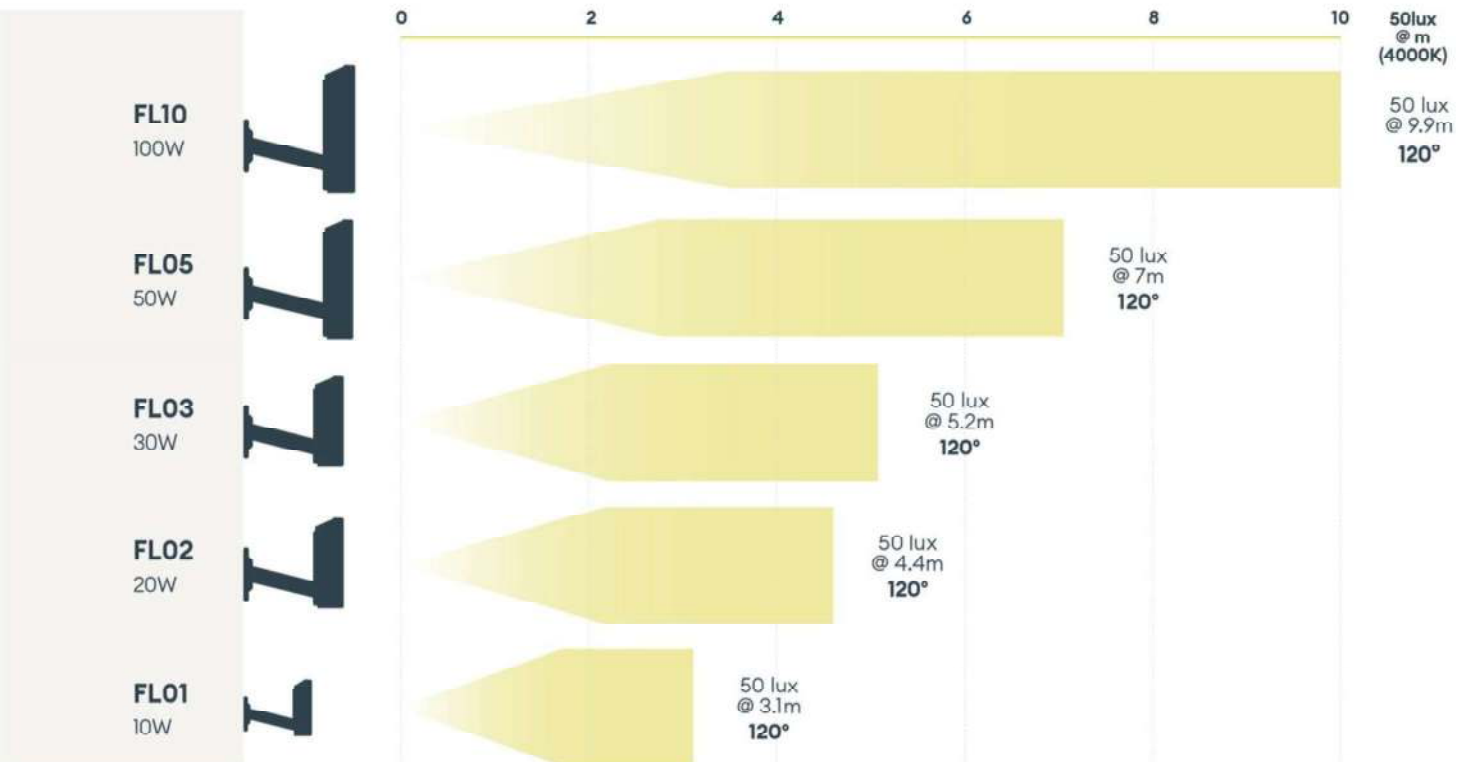


6500K



PRODUCT COMPARISON

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



RESIDENTIAL FLOODLIGHT

130lm/W

High efficacy of up to 130lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

GUARANTEE

5 years

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

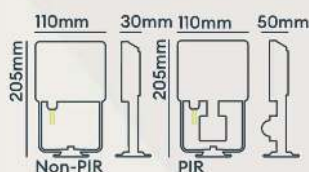
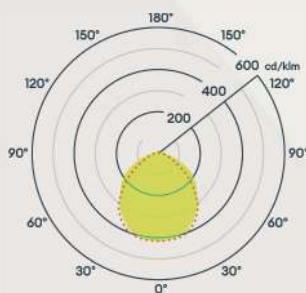
Supplied with 1m cable

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

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

IP65 PIR option provides override function to leave permanently on or off

BEAM (°): 120



FL01

10W colour switchable floodlight

FEATURES

Impact Strength	IK07
IP Rating	IP65
Colour Flexibility	Switchable CCT
Tilt Angle (°)	180
Rotation Angle (°)	360
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CR>80
SDCM	SDCM5

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	10A 262µs
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-40°C
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	Im	Lm/W	Energy
FL01APCS	Anthracite	PIR sensor	10W	3000K	120	1100	110	
				4000K		1150	115	
				6500K		1300	130	
FL01AXCS	Anthracite	Standard	10W	3000K	120	1100	110	
				4000K		1150	115	
				6500K		1300	130	
FL01BPCS	Black	PIR sensor	10W	3000K	120	1100	110	
				4000K		1150	115	
				6500K		1300	130	
FL01BXCS	Black	Standard	10W	3000K	120	1100	110	
				4000K		1150	115	
				6500K		1300	130	
FL01WPCS	White	PIR sensor	10W	3000K	120	1100	110	
				4000K		1150	115	
				6500K		1300	130	
FL01WXCS	White	Standard	10W	3000K	120	1100	110	
				4000K		1150	115	
				6500K		1300	130	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²



FL02

20W colour switchable floodlight

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP65	Inrush Current	11A 474µs
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Tilt Angle (°)	180	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	-40-40°C
Dimmable	None	Electric Class	I
Input	220-240V AC	Earth Leakage	0.1mA
LED Life	L70 50,000h		
CRI	CRI>80		
SDCM	SDCM5		

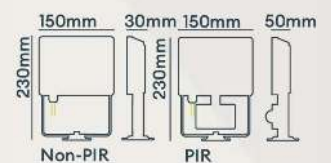
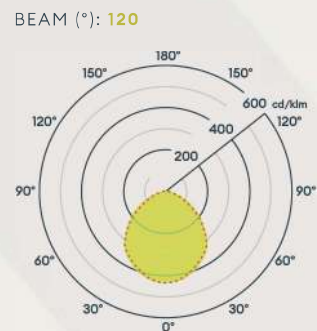
PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL02APCS	Anthracite	PIR sensor	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02AXCS	Anthracite	Standard	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02BPCS	Black	PIR sensor	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02BXCS	Black	Standard	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02WPCS	White	PIR sensor	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	
FL02WXCS	White	Standard	20W	3000K	120	2200	110	
				4000K		2400	120	
				6500K		2400	120	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²

- High efficacy of up to 120lm/W
- First fix bracket for quick & easy installation
- Ideal for coastal areas

GUARANTEE
5 years

- 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
 - IP65 PIR option provides override function to leave permanently on or off



RESIDENTIAL FLOODLIGHT

130lm/W High efficacy of up to 130lm/W

 First fix bracket for quick & easy installation

 Ideal for coastal areas

GUARANTEE

5 years

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

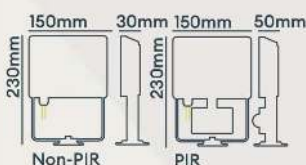
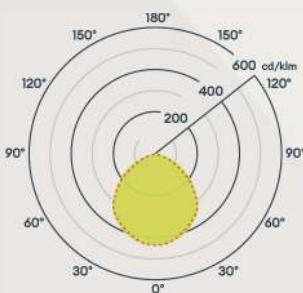
Supplied with 1m cable

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

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

IP65 PIR option provides override function to leave permanently on or off

BEAM (°): 120



FL03

30W colour switchable floodlight







FEATURES

Impact Strength	IK07
IP Rating	IP65
Colour Flexibility	Switchable CCT
Tilt Angle (°)	180
Rotation Angle (°)	360
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CR>80
SDCM	SDCM5

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	30A 4μs
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-40°C
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL03APCS	Anthracite	PIR sensor	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03AXCS	Anthracite	Standard	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03BPCS	Black	PIR sensor	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03BXCS	Black	Standard	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03WPCS	White	PIR sensor	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	
FL03WXCS	White	Standard	30W	3000K	120	3000	100	
				4000K		3300	110	
				6500K		3900	130	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²



FL05

50W colour switchable floodlight

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK07	Install Connector Type	Flying lead
IP Rating	IP65	Inrush Current	28A 13µs
Colour Flexibility	Switchable CCT	Construction Material	Aluminium
Tilt Angle (°)	180	Suitable For Coastal Areas	Yes
Rotation Angle (°)	360	Ambient Temperature	-40-40°C
Dimmable	None	Electric Class	I
Input	220-240V AC	Earth Leakage	0.1mA
LED Life	70 50,000h		
CRI	CRI>80		
SDCM	SDCM4		

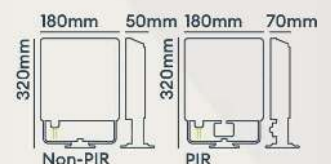
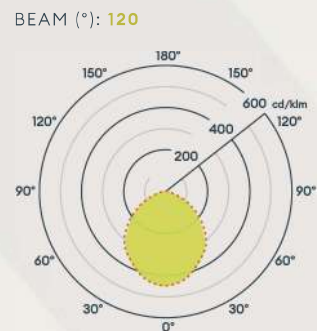
PHOTOMETRICS @ 25°C								
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL05APCS	Anthracite	PIR sensor	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05AXCS	Anthracite	Standard	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05BPCS	Black	PIR sensor	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05BXCS	Black	Standard	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05WPCS	White	PIR sensor	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	
FL05WXCS	White	Standard	50W	3000K	120	5000	100	
				4000K		5600	112	
				6500K		5100	102	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²

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

GUARANTEE
5 years

- 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
 - IP65 PIR option provides override function to leave permanently on or off



RESIDENTIAL FLOODLIGHT



High efficacy of up to 118lm/W



First fix bracket for quick & easy installation



Ideal for coastal areas

GUARANTEE

5 years

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



FL10

100W colour switchable floodlight

FEATURES

Impact Strength	IK07
IP Rating	IP65
Colour Flexibility	Switchable CCT
Tilt Angle (°)	180
Rotation Angle (°)	360
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRi>80
SDCM	SDCM4

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Inrush Current	75A 5µs
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-40°C
Electric Class	I
Earth Leakage	0.3mA

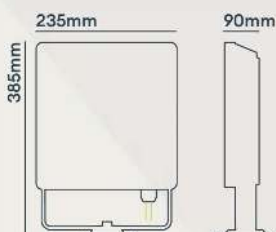
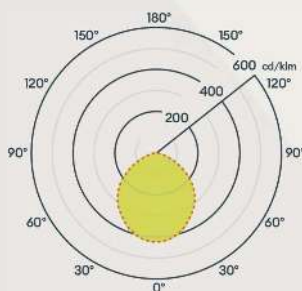
PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	Energy
FL10BXCS	Black	Standard	100W	3000K	120	10250	103	
				4000K		11810	118	
				6500K		10970	110	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F rubberised cable
Conductor Cross Section	1mm ²

BEAM (°): 120





BOLLARD





BESPOKE WOODEN BOLLARDS

Purpose Built In Great Britain, For Your Installation



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:

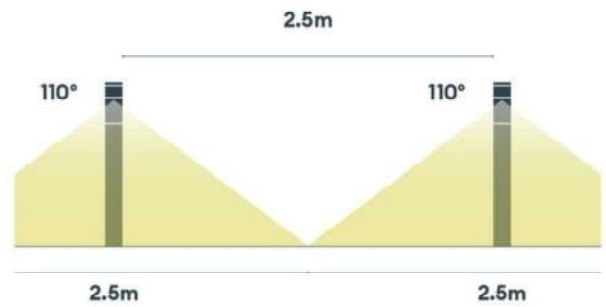


TRIPLE LED BOLLARD

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.



CHOICE OF STYLE

Choose from three unique styles to suit your installation.



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

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

<p>Do you need a bollard with single or triple LEDs?</p>	<p>Single LED Bollard</p> 	<p>Single LED Bollard</p> 	
<p>Which style head would you like?</p>	<p>Domed</p> 	<p>Chamfered</p> 	<p>Pointed</p> 
<p>Which type of wood do you prefer?</p>	<p>Iroko</p> 	<p>Oak</p> 	<p>Sapele</p> 
<p>Will the bollard be recessed or surface mounted?</p>	<p>Recessed Mount</p> <p>Side cable entry is required for recess mounting.</p> 	<p>Surface Mount</p> <p>Base cable entry is required for surface mounting.</p> 	<p>When surface mounting you will also need a bracket.</p> <p>Product code: BOL LED BRACKET</p> 
<p>Which colour temperature do you need?</p>	<p>2700K</p> 	<p>3000K</p> 	<p>4000K</p> 

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

BESPOKE WOODEN BOLLARDS

Purpose Built In Great Britain, For Your Installation



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	2 Single / Triple LED	3 Style
BL Bollard	01 Single LED 03 Triple LED	D Domed F Chamfered P Pointed
4 Material	5 Cable entry	6 Colour temperature
I Iroko wood O Oak wood S Sapele wood	B Base entry S Side entry	27 2700K 30 3000K 40 4000K

COMMERCIAL OUTDOOR

Choosing the ideal Hydra bollard

1 BOLLARD HEADS



Standard - **HYBICONEB**
Photocell - **HYBICONEBPC**



Standard - **HYBICONES**
Photocell - **HYBICONESPC**



Standard - **HYBIOPALW**
Photocell - **HYBIOPALWPC**

2 BOLLARD POST & GROUND KIT



HYXBOLLARD*
Including post, base and
ground fixing kit

3 GROUND FIXING OPTIONS



HYXBOLTKIT
Concrete



HYXROOTKIT
Soft ground

4 180° SPILL LIGHT KIT



HYBXSPILLKIT
Transforms your 360° light
into a 180° light output

* This is required for your bollard installation, unless you are fitting the head to an existing post of the same diameter.

CCT & Wattage switchable: one light, two CCT temperatures and three wattage outputs

Hydra colour and wattage switchable bollard allows you to stock 2 colour temperatures (2200K & 3000K) and 3 wattage outputs (14W, 19W & 24W) in 1 product.

2200K



3000K



14W



19W



24W



BOLLARD



1W at 350mA or 700mA



Coastal Protected



IP65 ideal for outdoor areas

GUARANTEE

7 years

BENEFITS

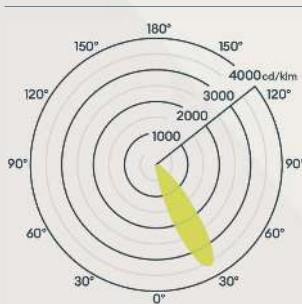
Choice of wood finishes: Iroko, Sapele or Oak

Pointed, Chamfered or Domed top

Choice of low-voltage or straight-to-mains

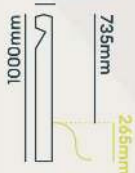
Side-entry cable or base-entry cable options

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



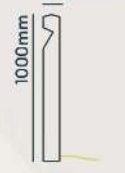
Recessed mount

95x95mm



Surface mount

95x95mm



BL01

Low voltage wood

FEATURES

Impact Strength	Other
IP Rating	IP65
Colour Flexibility	Single CCT
Sensor	None
Dimmable	None
Input	350mA / 700mA DC
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Bathroom Zone	1
Construction Material	Iroko Wood
Suitable For Coastal Areas	Yes (with appropriate treatment)
Ambient Temperature	35°C
Electric Class	III
Constant Current	Yes

PHOTOMETRICS @ 25°C

View code matrix on Page 104

WIRING INFORMATION

Type Of Wiring Required	Series
Power Cable	H05RN-F (dia 6mm)

ACCESSORIES

JB2	Waterproof junction box	150
JB4	Gel filled waterproof junction box	150
JB6	Inline IP68 gel filled cable connector	150
WCR 275 BLACK	2-core rubber cable	151
BOL LED BRACKET	Stainless steel bracket for wooden bollard range	108



5W

5W at 350mA or 700mA



Coastal Protected

IP65

IP65 ideal for outdoor areas

GUARANTEE

7 years

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
- 7 year warranty

BL03

Straight to mains

FEATURES	
Impact Strength	Other
IP Rating	IP65
Colour Flexibility	Single CCT
Sensor	None
Dimmable	None
Input	220-240V AC
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION	
Inrush Current	60A 0.037ms
Suitable For Coastal Areas	Yes (with appropriate treatment)
Ambient Temperature	35°C
SELV	Yes
Electric Class	II
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

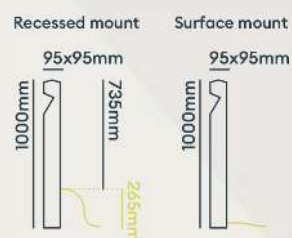
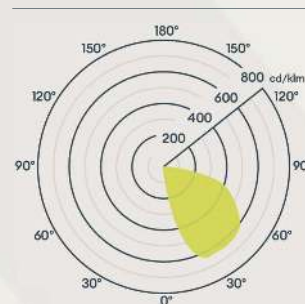
View code matrix on Page 104

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	SY 2 Core PVC Steel Braid Cable

ACCESSORIES

BOL LED BRACKET	Stainless steel bracket for wooden bollard range	150
JB5	Gel filled waterproof junction box	108



BOLLARD ACCESSORIES

Get a mounting bracket

When mounting your bollard onto a solid surface get 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

	B1.01	B1.03
BOL LED BRACKET	●	●



-  Switchable between 2700K, 3000K and 4000K
-  360° even light distribution
-  IP65 ideal for car parks and walk ways

GUARANTEE
5 years

- BENEFITS**
- Choice of colours Black, Anthracite and Corten
 - Available in 300mm and 600mm sizes
 - Cable entry through base and expansion bolt installation kit included
 - IP68 inline connector included

SLIM CSP BOLLARD

CCT Switchable IP65 Bollard

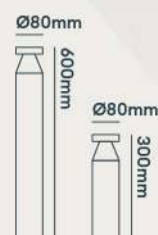
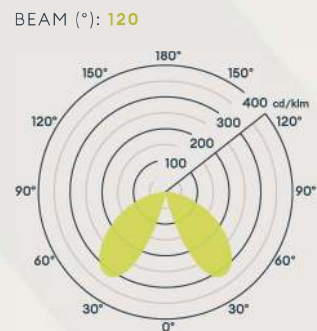
FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK08	Inrush Current	10A 0.4ms
IP Rating	IP65	Construction Material	Aluminium
Colour Flexibility	Switchable CCT	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	-15-30°C
Dimmable	Mains (Leading Edge/ Trailing Edge)	SELV	No
Input	220-240V AC	Building Regulations	Part P & L
LED Life	L80 100,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.032mA
SDCM	SDCM6		

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	Im	Lm/W	Energy
BLSAG3RDCS	Anthracite	300mm	14W	2700K	120	720	56	
				3000K		770	62	
				4000K		800	58	
BLSAG6RDCS	Anthracite	600mm	14W	2700K	120	720	56	
				3000K		770	62	
				4000K		800	58	
BLSBK3RDCS	Black	300mm	14W	2700K	120	630	50	
				3000K		660	53	
				4000K		680	50	
BLSBK6RDCS	Black	600mm	14W	2700K	120	630	50	
				3000K		660	53	
				4000K		680	50	
BLSCN3RDCS	Corten	300mm	14W	2700K	120	760	57	
				3000K		735	60	
				4000K		675	55	
BLSCN6RDCS	Corten	600mm	14W	2700K	120	760	57	
				3000K		735	60	
				4000K		675	55	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F 3G 1.0mm ²
Connectable Conductor Cross Section	0.75-2.5mm ²



BOLLARD

IK10 IK10 for a robust fitting

CCT Switchable between 2200K & 3000K

Wattage Switchable between 14W, 19W & 24W

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years

BENEFITS

Interchangeable top head provides easy maintenance

Choice of cone or opal aesthetics & light distribution

CCT switch set to 3000K as default

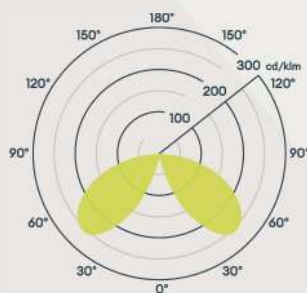
New 2200K to minimise effects of blue light

Must be sold with HYXBOLLARD

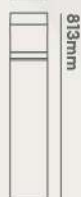
Switch live out function with photocell not possible

Photocell option available for dusk to dawn

BEAM (°): 360



Ø160mm



HYDRA BOLLARD BLACK REFLECTOR

Interchangeable top head bollard

FEATURES

Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	N/A
Inrush Current	30A 0.15ms
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-45°C
SELV	No
Building Regulations	N/A
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
HYBICONEB	Black - Black	Standard	14W	2200K	360	1000	71	-	A
				3000K		1150	82	-	
			19W	2200K		1400	74	-	
				3000K		1500	79	-	
			24W	2200K		1700	71	-	
				3000K		1800	75	-	
HYBICONEBPC	Black - Black	Photocell	14W	2200K	360	1000	71	-	A
				3000K		1150	82	-	
			19W	2200K		1400	74	-	
				3000K		1500	79	-	
			24W	2200K		1700	71	-	
				3000K		1800	75	-	

Default Settings: 3000K colour temperature. Add EM to end of partcode for emergency version.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

HYXBOLLARD	Post with included route mount kit for soft ground	113
HYXBOLTKIT	Expansion bolt kit for Hydra Bollard	113
HYBXROOTKIT	Root mounting kit for Hydra Bollard	113



IK10

IK10 for a robust fitting

CCT

CCT Switchable between 2200K & 3000K

W

Wattage Switchable between 14W, 19W & 24W

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years

BENEFITS

- Interchangeable top head provides easy maintenance
- Choice of cone or opal aesthetics & light distribution
- CCT switch set to 3000K as default
- New 2200K to minimise effects of blue light
- Must be sold with HYBxBOLLARD
- Switch live out function with photocell not possible
- Photocell option available for dusk to dawn

HYDRA BOLLARD OPAL WHITE

Interchangeable top head bollard

FEATURES	
Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None

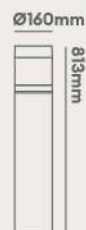
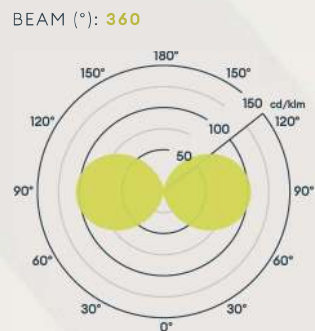
INSTALLATION INFORMATION	
Bathroom Zone	N/A
Inrush Current	30A 0.15ms
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-45°C
SELV	No
Building Regulations	N/A
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C									
Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
HYBIOPALW	Black - White	Standard	14W	2200K	360	1050	75	-	▶
				3000K		1200	86	-	
			19W	2200K	1450	76	-		
				3000K	1550	82	-		
			24W	2200K	1750	73	-		
				3000K	1900	79	-		
HYBIOPALWPC	Black - White	Photocell	14W	2200K	360	1050	75	-	▶
				3000K		1200	86	-	
			19W	2200K	1450	76	-		
				3000K	1550	82	-		
			24W	2200K	1750	73	-		
				3000K	1900	79	-		

Default Settings: 3000K colour temperature. Add EM to end of partcode for emergency version.

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES		
HYBxBOLLARD	Post with included route mount kit for soft ground	113
HYBxB0LTKIT	Expansion bolt kit for Hydra Bollard	113
HYBXR00TKIT	Root mounting kit for Hydra Bollard	113



BOLLARD

IK10 IK10 for a robust fitting

CCT Switchable between 2200K & 3000K

Wattage Switchable between 14W, 19W & 24W

GUARANTEE

Warranty: 5 years
Battery Warranty: 3 years

BENEFITS

Interchangeable top head provides easy maintenance

Choice of cone or opal aesthetics & light distribution

CCT switch set to 3000K as default

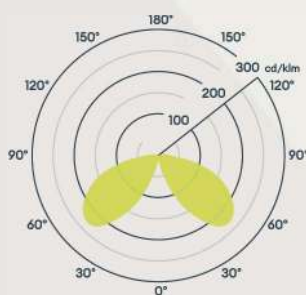
New 2200K to minimise effects of blue light

Must be sold with HYXBOLLARD

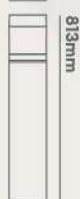
Switch live out function with photocell not possible

Photocell option available for dusk to dawn

BEAM (°): 360



Ø160mm



HYDRA BOLLARD SILVER REFLECTOR

Interchangeable top head bollard

FEATURES

Impact Strength	IK10
IP Rating	IP65
Colour Flexibility	Switchable CCT
Sensor	None
Dimmable	None
Input	220-240V AC
LED Life	L80 50,000h
CRI	CRI>80
SDCM	SDCM6
Emergency Option	None

INSTALLATION INFORMATION

Bathroom Zone	N/A
Inrush Current	30A 0.15ms
Construction Material	Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	-40-45°C
SELV	No
Building Regulations	N/A
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C

Product Code	Finish	Type	W	Colour	Beam (°)	lm	Lm/W	EM	Energy
HYB1CONES	Black - Silver	Standard	14W	2200K	360	1300	93	-	113
				3000K		1500	107	-	
			19W	2200K		1800	95	-	
				3000K		1950	103	-	
			24W	2200K		2250	94	-	
				3000K		2400	100	-	
HYB1CONESPC	Black - Silver	Photocell	14W	2200K	360	1300	93	-	113
				3000K		1500	107	-	
			19W	2200K		1800	95	-	
				3000K		1950	103	-	
			24W	2200K		2250	94	-	
				3000K		2400	100	-	

Default Settings: 3000K colour temperature. Add EM to end of partcode for emergency version.

WIRING INFORMATION

Type Of Wiring Required	Parallel
Connectable Conductor Cross Section	0.75-2.5mm ²

ACCESSORIES

HYXBOLLARD	Post with included route mount kit for soft ground	113
HYXBOLTKIT	Expansion bolt kit for Hydra Bollard	113
HYBXROOTKIT	Root mounting kit for Hydra Bollard	113

HYDRA ACCESSORIES

Get a mounting bracket

When ordering your bollard head, you must order HYBxBOLLARD (post and ground kit)
See other accessories below



PRODUCT CODES

Product Code	Description	Guarantee
HYBxBOLLARD	Post with ground kit for Hydra Bollard	5 Years
HYBxBOLTKIT	Expansion bolt kit for Hydra Bollard	5 Years
HYBxROOTKIT	Root mounting kit for Hydra Bollard	5 Years
HYBxSPILLKIT	Spill light kit for Hydra Bollard	5 Years

For full product specification visit collingwoodlighting.com

COMPATIBLE WITH

Product Code	Hyrda Black HYBICONEB	Hyrda Black - Photocell HYBICONEBPC	Hyrda Silver HYBICONES	Hyrda Silver - Photocell HYBICONESPC	Hyrda Opal White HYBIOPALW	Hyrda Opal White - Photocell HYBIOPALWPC
HYBxBOLLARD	●	●	●	●	●	●
HYBxBOLTKIT	●	●	●	●	●	●
HYBxROOTKIT	●	●	●	●	●	●
HYBxSPILLKIT	●	●	●	●	●	●

WALL WASH



UPLIGHTS

To create exceptionally lit environments

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.

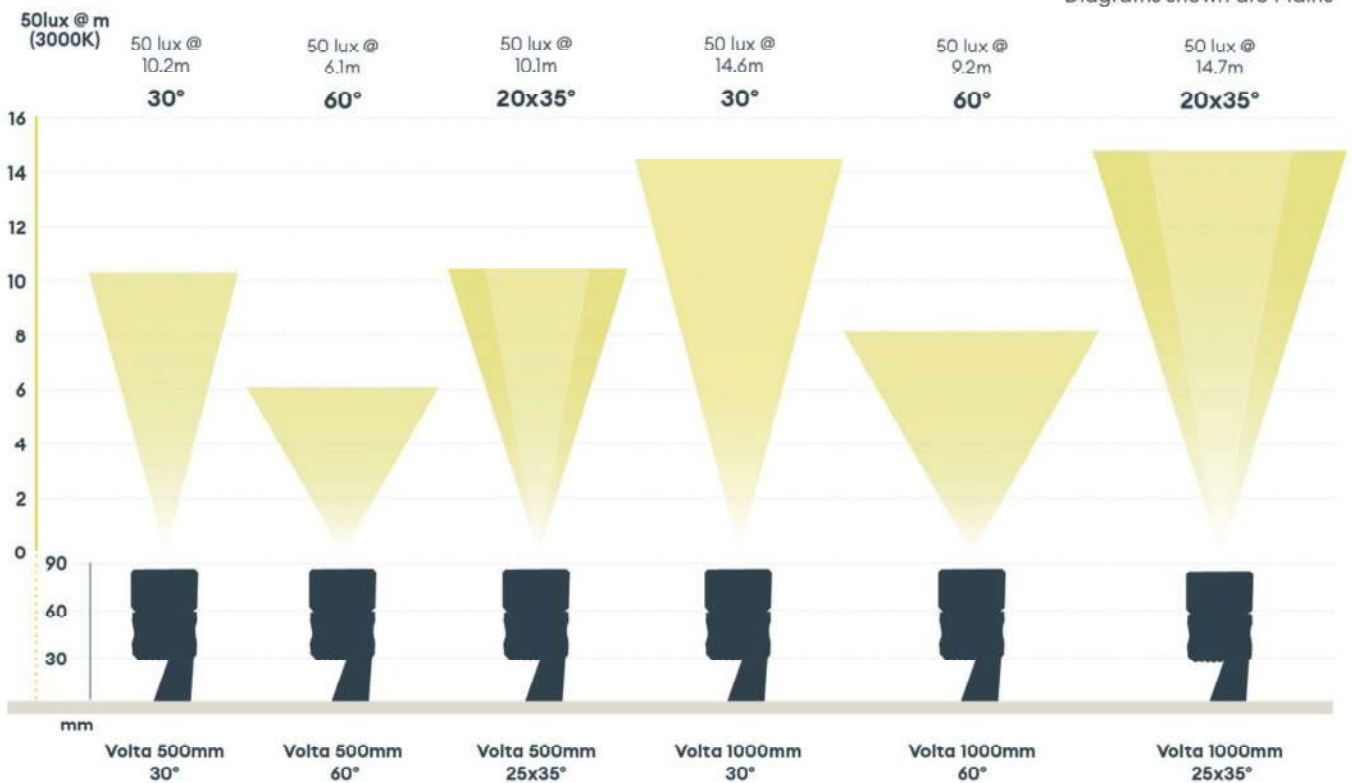
25x35° beam

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.



WALL WASH

21W 21W

IP65 IP65 ideal for outdoor environments

 Suitable for use in coastal applications

GUARANTEE

7 years

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









VOLTA 500MM

Wall washing light bar

FEATURES		INSTALLATION INFORMATION	
Impact Strength	IK04	Bathroom Zone	1
IP Rating	IP65	Inrush Current	0.56A 18.8ms
Colour Flexibility	Single CCT	Construction Material	Anodised Aluminium
Tilt Angle (°)	180	Suitable For Coastal Areas	Yes
Sensor	None	Ambient Temperature	50°C
Dimmable	Mains (Leading Edge/Trailing Edge)	SELV	Yes
Input	220-240V AC	Mounting Options	Ceiling, Wall
LED Life	L70 50,000h	Electric Class	I
CRI	CRI>80	Earth Leakage	0.1mA
SDCM	SDCM3		

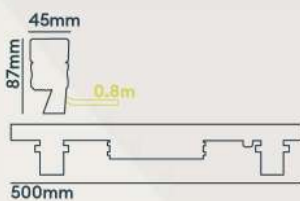
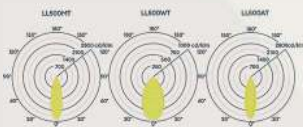
PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
LL500AT27	21W	2700K	20x35	2000	95	
LL500AT30	21W	3000K	20x35	2000	95	
LL500MT27	21W	2700K	30	2000	95	
LL500MT30	21W	3000K	30	2000	95	
LL500WT27	21W	2700K	60	2000	95	
LL500WT30	21W	3000K	60	2000	95	

WIRING INFORMATION

Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

BEAM (°): 20X35, 30, 60





40W 40W

IP65 IP65 ideal for outdoor environments

 Suitable for use in coastal applications

GUARANTEE
7 years

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

VOLTA 1000MM

Wall washing light bar

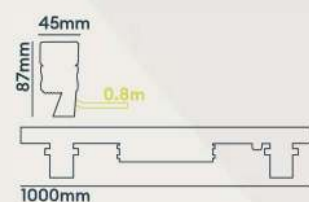
FEATURES	
Impact Strength	IK04
IP Rating	IP65
Colour Flexibility	Single CCT
Tilt Angle (°)	180
Sensor	None
Dimmable	Mains (Leading Edge/Trailing Edge)
Input	220-240V AC
LED Life	L70 50,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION	
Bathroom Zone	1
Inrush Current	15A ≤10µs
Construction Material	Anodised Aluminium
Suitable For Coastal Areas	Yes
Ambient Temperature	50°C
SELV	Yes
Mounting Options	Ceiling,Wall
Electric Class	I
Earth Leakage	0.1mA

PHOTOMETRICS @ 25°C						
Product Code	W	Colour	Beam (°)	lm	Lm/W	Energy
LLI000AT27	40W	2700K	20x35	4200	105	
LLI000AT30	40W	3000K	20x35	4200	105	
LLI000MT27	40W	2700K	30	4200	105	
LLI000MT30	40W	3000K	30	4200	105	
LLI000WT27	40W	2700K	60	4200	105	
LLI000WT30	40W	3000K	60	4200	105	

WIRING INFORMATION	
Type Of Wiring Required	Parallel
Power Cable	H05RN-F (dia 7mm)

BEAM (°): 20X35, 30, 60



STRIP LIGHTS

50051	122	Strip LED Flex 230V-48V-24V FL03	130
Strip LED 24V 70012	123	Strip LED Flex 230V-48V-24V FL04	131
70052	124	Strip LED Flex 230V-48V-24V FL05	132
70102	125	Strip LED Flex 230V-48V-24V	133
Strip LED 230V 70220	126	80310	134
Strip LED 230V 70230	127	80350	135
Strip LED Flex 230V-48V-24V FL01	128	MC67	136
Strip LED Flex 230V-48V-24V FL02	129		



STRIP LIGHTS

10W

Ideal for primary lighting with 10W/m

IP65

Ideal for wet environments with IP65 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

3 years

BENEFITS

High efficacy up to 167lm/W

Ideal for Leisure Spaces & Gardens

10mm width



50051

10W/m, IP65, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP65
Colour Flexibility	Single CCT
Self Adhesive Backing	Yes
Dimmable	Optional
Input	24V DC
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape with Silicone Coating
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
50051/2700K	5m	10W/m	2700K	120	1260	126	
50051/C	5m	10W/m	3000K	120	1390	139	
50051/F	5m	10W/m	6000K	120	1674	167	
50051/N	5m	10W/m	4000K	120	1520	152	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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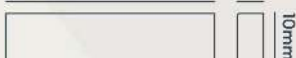
ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted
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0

Cut 50mm

4mm





- 4.8W** Ideal for 4.8W/m accent lighting
- IP67** Ideal for Bathrooms, Decking, Patios & Landscaping with IP67 rating
-  Quick and easy installation with self-adhesive backing

GUARANTEE
5 years

BENEFITS
120 LEDs/m
Cut intervals every 50mm
10mm width

70012

4.8W/m, IP67, 24V current regulated, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Impact Strength	Other	Install Connector Type	Flying lead
IP Rating	IP67	Construction Material	Flexible Tape with Silicone Coating
Bespoke Lengths	Yes	Maximum Running Length	5m
Self Adhesive Backing	Yes	Ambient Temperature	-20-40°C
Dimmable	Optional	Electric Class	III
Input	24V DC	Constant Voltage	Yes
LED Life	L70 45,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70012/2700K	5m	4.8W/m	2700K	120	534	111	
70012/C	5m	4.8W/m	3000K	120	562	117	
70012/F	5m	4.8W/m	6000K	120	629	131	
70012/N	5m	4.8W/m	4000K	120	629	131	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	0
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STRIP LIGHTS

7W

Ideal for accent lighting with 7W/m

IP67

Ideal for wet environments with IP67 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

140 LEDs/m

Ideal for High-End Residential, Hospitality Spaces & Retail Displays

Cut intervals every 50mm

10mm width



70052

7W/m, IP67, 24V current regulated, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP67
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
Input	24V DC
LED Life	70 45,000h
CRI	CRI>80
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape with Silicone Coating
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70052/2700K	5m	7W/m	2700K	120	945	135	
70052/90/2700K	5m	7W/m	2700K	120	837	120	
70052/90/C	5m	7W/m	3000K	120	837	120	
70052/90/N	5m	7W/m	4000K	120	920	131	
70052/C	5m	7W/m	3000K	120	994	142	
70052/F	5m	7W/m	6000K	120	1113	159	
70052/N	5m	7W/m	4000K	120	1113	159	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

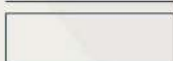
See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted

0

Cut 50mm



5mm



10mm



- 11W** Ideal for accent lighting with 11W/m
- IP67** Ideal for wet environments with IP67 rating
- Quick and easy installation with self-adhesive backing

GUARANTEE
5 years

BENEFITS
High efficacy up to 190lm/W providing excellent energy savings
238 LEDs/m providing high uniformity
Ideal for High-End Residential, Office & Commercial Spaces
Cut intervals every 29.4mm
12mm width

70102

11W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	None		
LED/m	238		
Input	24V DC		
LED Life	L70 45,000h		
CRI	CRb80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70102/2700K	5m	11W/m	2700K	120	1569	143	
70102/90/2700K	5m	11W/m	2700K	120	1904	173	
70102/90/C	5m	11W/m	3000K	120	1904	173	
70102/90/N	5m	11W/m	4000K	120	2094	190	
70102/C	5m	11W/m	3000K	120	1652	150	
70102/F	5m	11W/m	6000K	120	1850	168	
70102/N	5m	11W/m	4000K	120	1850	178	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS
See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	0
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STRIP LIGHTS

11W

Ideal for accent lighting with 11W/m

IP65

Ideal for wet environments with IP65 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

3 years

BENEFITS

230V long run solution for up to 50m from a single power supply

140 LEDs/m

Ideal for Hospitality Spaces, Hotel Receptions & Corridors, Building Façades, Large Gardens & Maintenance Areas

Cut intervals every 100mm

12mm width



70220

11W/m, IP65, 230V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP65	Maximum Running Length	50m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	No	Electric Class	II
Self Adhesive Backing	Yes		
Dimmable	Mains (Leading Edge/Trailing Edge)		
LED/m	140		
Input	220-240V AC		
LED Life	L70 B50 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70220/C/05	5m	11W/m	3000K	120	1073	98	
70220/C/20	20m	11W/m	3000K	120	1073	98	
70220/C/50	50m	11W/m	3000K	120	1073	98	
70220/N/05	5m	11W/m	4000K	120	1157	105	
70220/N/20	20m	11W/m	4000K	120	1157	105	
70220/N/50	50m	11W/m	4000K	120	1157	105	

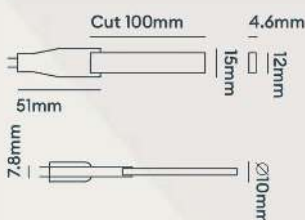
WIRING INFORMATION

Type Of Wiring Required Parallel


ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted

0





- 18W** Ideal for primary light with 18W/m
- IP65** Ideal for wet environments with IP65 rating
-  Quick and easy installation with self-adhesive backing

70230

18W/m, IP65, 230V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP65	Maximum Running Length	50m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	No	Electric Class	II
Self Adhesive Backing	Yes		
Dimmable	Mains (Leading Edge/ Trailing Edge)		
LED/m	140		
Input	220-240V AC		
LED Life	L70 B50 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

GUARANTEE

3 years

BENEFITS

230V long run solution for up to 50m from a single power supply







140 LEDs/m

Ideal for Hospitality Spaces, Hotel Receptions & Corridors, Building Façades, Large Gardens & Maintenance Areas

Cut intervals every 100mm

12mm width

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
70230/C/05	5m	18W/m	3000K	120	1552	86	
70230/C/20	20m	18W/m	3000K	120	1552	86	
70230/C/50	50m	18W/m	3000K	120	1552	86	
70230/N/05	5m	18W/m	4000K	120	1690	94	
70230/N/20	20m	18W/m	4000K	120	1690	94	
70230/N/50	50m	18W/m	4000K	120	1690	94	

WIRING INFORMATION

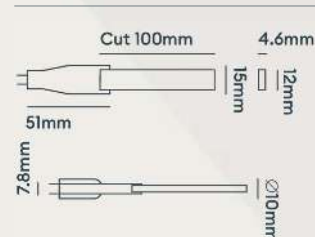
Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	0
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STRIP LIGHTS

9.6W

Ideal for atmospheric light with 9.6W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 71.4mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



FL01

9.6W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	84		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL01/C	5m	9.6W	3000K	110	276	29	
FL01/F	5m	9.6W	6000K	110	276	29	
FL01/N	5m	9.6W	4000K	110	276	29	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

See Pages 142-143 to choose driver option

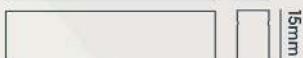
ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted

0

Cut 71.4mm

10mm



15mm



FL02

11.5W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	120		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL02/C	5m	11.5W	3000K	110	345	30	
FL02/F	5m	11.5W	6000K	110	345	30	
FL02/N	5m	11.5W	4000K	110	345	30	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted **0**

11.5W

Ideal for accent lighting with 11.5W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

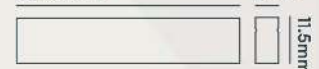
Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile

Cut 50mm

6mm



STRIP LIGHTS

14.4W

Ideal for accent lighting with 14.4W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



FL03

14.4W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Top bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	140		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRi>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL03/C	5m	14.4W	3000K	150	996	69	
FL03/F	5m	14.4W	6000K	150	996	69	
FL03/N	5m	14.4W	4000K	150	996	69	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

See Pages 142-143 to choose driver option

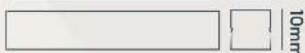
ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted

0

Cut 50mm

10mm





FL04

11.5W/m, IP66, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP66	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	180		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRI>80		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL04/C	5m	11.5W	3000K	120	875	76	
FL04/F	5m	11.5W	6000K	120	875	76	
FL04/N	5m	11.5W	4000K	120	875	76	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted 0

11.5W

Ideal for accent lighting with 11.5W/m

IP66

Ideal for wet environments with IP66 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile

Cut 33.3mm



15mm



12.5mm

STRIP LIGHTS

11.5W

Ideal for accent lighting with 11.5W/m

IP67

Ideal for wet environments with IP67 rating



Side bending strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

Cut intervals every 50mm

Ideal for Retail Displays, Signage, Building Façades, Art Installations, Pathways & Staircases

Installable without aluminum profile



FL05

11.5W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Side bending	Install Connector Type	Flying lead
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C
Bespoke Lengths	No	Electric Class	III
Self Adhesive Backing	No	Constant Voltage	Yes
Dimmable	Optional		
LED/m	120		
Input	24V DC		
LED Life	L70 B10 50,000h		
CRI	CRi>80		
SDCM	SDCM3		

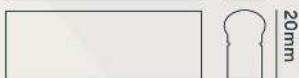
PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
FL05/C	5m	11.5W	3000K	170	402	35	
FL05/F	5m	11.5W	6000K	170	402	35	
FL05/N	5m	11.5W	4000K	170	402	35	

WIRING INFORMATION	
Type Of Wiring Required	Parallel

ACCESSORIES	
LED Strip Profile	Chose from angled, recessed & surface mounted 0

Cut 50mm

10mm





FL35

9.5W/m, IP65, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION					
Strip Type	Flexible Tape	Install Connector Type	Flying lead				
Impact Strength	IK08	Construction Material	Flexible Tape with Silicone Coating				
IP Rating	IP65	Maximum Running Length	5m				
Colour Flexibility	Single CCT	Ambient Temperature	-20-45°C				
Bespoke Lengths	No	Electric Class	III				
Self Adhesive Backing	No	Constant Voltage	Yes				
Dimmable	Optional						
LED/m	168						
Input	24V DC						
CRI	CRb80						
SDCM	SDCM3						
PHOTOMETRICS @ 25°C							
Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	
FL35/C	5m	9.5 W/m	3000K	100	780	82	
FL35/N	5m	9.5 W/m	4000K	100	800	84	
WIRING INFORMATION							
Type Of Wiring Required	Parallel						
COMPATIBLE DRIVERS							
See Pages 142-143 to choose driver option							
ACCESSORIES							
LED Strip Profile	Chose from angled, recessed & surface mounted					0	

9.5W

Ideal for accent lighting with 9.5W/m

IP65

Ideal for wet environments with IP65 rating



Dotless LED strip

GUARANTEE

3 years

BENEFITS

Flexible neon strip solution

35° light emission

Ideal for functional and discreet lighting under cabinets

Complete with 3M double-sided tape for free-standing installation

Cut 41.6mm



5.6mm



STRIP LIGHTS

14W

Ideal for primary lighting with 14W/m

IP67

Ideal for wet environments with IP67 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

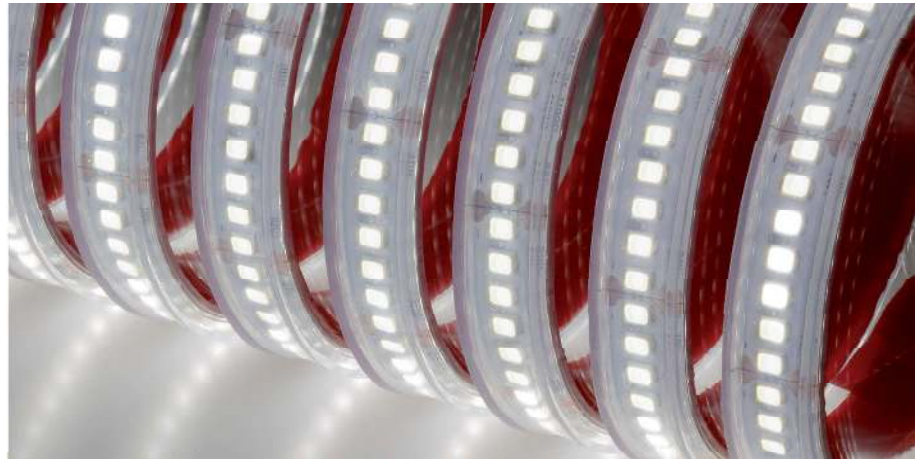
BENEFITS

High efficacy up to 154lm/W

238 LEDs/m providing high uniformity

Ideal for Leisure Spaces & Gardens

12mm width



80310

14W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP67
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	238
Input	24V DC
LED Life	L70 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape with Silicone Coating
Maximum Running Length	5m
Ambient Temperature	-20-45°C
Electric Class	III
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80310/90/2700K	5m	14W/m	2700K	120	1960	140	
80310/90/C	5m	14W/m	3000K	120	1960	140	
80310/90/N	5m	14W/m	4000K	120	2159	154	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

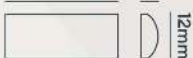
See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted

0

Cut 29.4mm 5mm





80350

19.2W/m, IP67, 24V, high CRI, self-adhesive, flexible strip

FEATURES		INSTALLATION INFORMATION	
Strip Type	Flexible Tape	Install Connector Type	Flying lead
Impact Strength	Other	Construction Material	Flexible Tape with Silicone Coating
IP Rating	IP67	Maximum Running Length	5m
Colour Flexibility	Single CCT	Ambient Temperature	-20-40°C
Bespoke Lengths	Yes	Electric Class	III
Self Adhesive Backing	Yes	Constant Voltage	Yes
Dimmable	Optional		
LED/m	128		
Input	24V DC		
LED Life	L70 50,000h		
CRI	CR190		
SDCM	SDCM3		

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
80350/90/2700K	5m	19.2W/m	2700K	120	2800	146	
80350/90/C	5m	19.2W/m	3000K	120	2800	146	
80350/90/N	5m	19.2W/m	4000K	120	3037	158	

WIRING INFORMATION

Type Of Wiring Required	Parallel
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COMPATIBLE DRIVERS

See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile	Chose from angled, recessed & surface mounted	0
--------------------------	---	---

19W

Ideal for primary lighting with 19.2W/m

IP67

Ideal for wet environments with IP67 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

128 LEDs/m

Ideal for Ceiling Troffers in Office Lighting & Retail

Cut intervals every 62.5mm

14mm width



STRIP LIGHTS

11W

Ideal for accent lighting with 11W/m

IP66

Ideal for Bathrooms, Decking, Patios & Landscaping with IP66/IP67 rating



Quick and easy installation with self-adhesive backing

GUARANTEE

5 years

BENEFITS

High efficacy up to 128lm/W

MCOB strip providing a white dot-free appearance even when switched off

480 LEDs/m providing high visual uniformity

Cut intervals every 50mm

8mm width, compatible with all profiles



MC67

11W/m, IP66/67, 24V, high CRI, self-adhesive, flexible strip

FEATURES

Strip Type	Flexible Tape
Impact Strength	Other
IP Rating	IP66/IP67
Colour Flexibility	Single CCT
Bespoke Lengths	Yes
Self Adhesive Backing	Yes
Dimmable	Optional
LED/m	480
Input	24V DC
LED Life	L70 50,000h
CRI	CRI>90
SDCM	SDCM3

INSTALLATION INFORMATION

Install Connector Type	Flying lead
Construction Material	Flexible Tape with Silicone Coating
Maximum Running Length	5m
Ambient Temperature	-20-40°C
Electric Class	II
Constant Voltage	Yes

PHOTOMETRICS @ 25°C

Product Code	Reel	W	Colour	Beam (°)	lm	Lm/W	Energy
MC67/11/C	5m	11W/m	3000K	120	1250	114	
MC67/11/N	5m	11W/m	4000K	120	1410	128	

WIRING INFORMATION

Type Of Wiring Required Parallel

COMPATIBLE DRIVERS

See Pages 142-143 to choose driver option

ACCESSORIES

LED Strip Profile Chose from angled, recessed & surface mounted

0

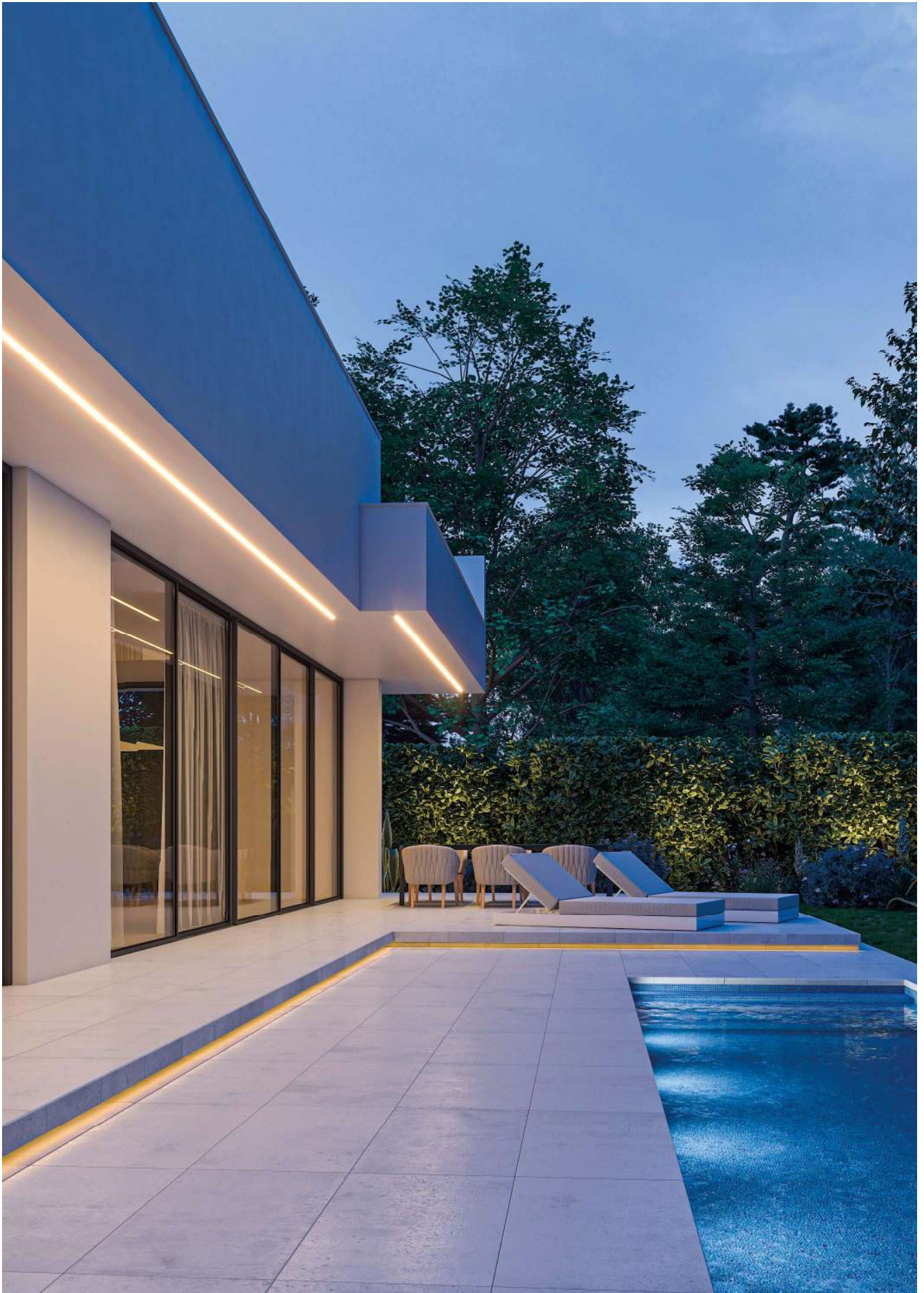
Cut 50mm



6mm



10mm



LIGHTING CONTROLS

PRODUCTS PER DRIVER MATRIX

The table shows the minimum and maximum of each products that fits onto each driver.

	PS1524	PSMD3024	LSD3024	LSD6024	PSDIP6024	LSD7524	PSDIP10024	PSMDIP10024	LSD12024	PSIP15024	PSDAL20024	PSIP25024
Driver information												
Constant current or Constant voltage	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
Output classification	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
IP rating	IP20	IP20	IP20	IP20	IP66	IP20	IP66	IP66	IP20	IP67	IP66	IP67
Dimmable	1-10V*	Mains	No	No	1-10V	No	1-10V	Mains	No	1-10V*	1-10V	1-10V*
DIN rail mount	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
Product												
BOL01												
FOUX167N30			1-1	1-2	1-2	1-2	1-4		1-4	1-6		1-10
GL016												
GL016 Frosted												
GL018	1-30	36-60	1-60	1-120	1-120	1-120	1-200	1-200	1-240	1-300	1-400	1-500
GL019												
GL019 Frosted												
GL021												
GL022												
GL034												
GL038												
GL040												
GL040 Frosted												
GL100												
SL030												
SL040A												
SL130												
SL220												
SL230												
SL230 Single Head												
Spydra												
UL010												
UL030												

To place an order use the driver product codes below.

DRV350700TD (350mA & 500mA)	DRV150700 (150mA-350mA)	DRV150700 (400mA-700mA)	DRV350700TD (700mA)	PLDUNI-DRIVE 350MA	PSDAL350M	PSDIM350	PSIP3509W	PSIP35018W	PLDM70011	PLDUNI-DRIVE 700MA	PSDAL700M	PSDIM700	PSIP70018W	PSIP70036W
CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC
350mA-500mA	150mA-350mA	400mA-700mA	700mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	700mA	700mA
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP65	IP65	IP20	IP20	IP20	IP20	IP65	IP65
Mains (Triac)	No	No	Mains (Triac)	1-10V	DAU or 1-10V	1-10V	No	No	Mains	1-10V	DAU or 1-10V	1-10V	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
*Requires a PDCINTI-10V interface to make it 1 - 10V dimmable														
4-14	1-15	1-15	4-10	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
3-12	1-13			1-16	1-23	1-23	1-7	8-15						
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
3-12	1-13			1-16	1-23	1-23	1-7	8-15						
4-14	1-15			1-10	1-18	1-18	1-8	9-17						
4-14	1-15			1-10	1-18	1-18	1-8	9-17						
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
3-12	1-13			1-16	1-23	1-23	1-7	8-15						
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
4-14	1-15	1-15	4-10	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17
		1-4	2-3							1-3	1-6	1-6	1-2	3-5
4-14	1-15	1-15	4-10	1-10	1-18	1-18	1-8	9-17		1-10	1-18	1-18	1-8	9-17
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
1-3	1-3	1-3	1-2	1-4	1-6	1-6	1-2	3-4		1-3	1-6	1-6	1-2	3-4
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8
2-4	1-4	1-4	2-3	1-3	1-5	1-5	1-2	3-5		1-3	1-6	1-6	1-2	3-5
3-12	1-13	1-13	3-8	1-17	1-24	1-24	1-7	8-16		1-14	1-23	1-23	1-7	8-16
2-6	1-6	1-6	2-4	1-8	1-12	1-12	1-4	5-8		1-7	1-12	1-12	1-4	5-8

PRODUCTS PER DRIVER MATRIX

The table shows the minimum and maximum of each products that fits onto each driver.

	5955	5988	5989	5674	5678	5990	5677	5675	5671	5796	5788
Driver information											
Constant current or Constant voltage	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
Output classification	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V	24V
IP rating	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP67	IP67
Dimmable	No	No	No	No	No	No	No	No	No	No	No
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No

*Requires a PDCINTI-10V interface to make it 1 - 10V dimmable

24V Strip	Maximum length										
50051	1.5m	2.5m	5m	5m	6m	8m	10m	12.5m	12.5m	15m	2m
50102	1m	1.5m	3m	3.5m	4m	5.5m	6.5m	8m	8m	10m	1.5m
70012	3.5m	5m	10.5m	12m	13m	17.5m	20.5m	26m	26m	31m	4m
70052	2.5m	3.5m	7m	8m	9m	12m	14m	18m	18m	21m	3m
70102	1.5m	2m	4.5m	5m	5.5m	7.5m	9m	11.5m	11.5m	13.5m	1.5m
FL01	2.5m	3.5m	7.5m	8.5m	9.5m	12.5m	15m	19m	19m	22.5m	3m
FL02	1.5m	2.5m	5.5m	6.5m	7m	9.5m	11.5m	14.5m	14.5m	17m	2.5m
FL03	2m	3m	6.5m	7.5m	8m	11m	13m	16.5m	16.5m	19.5m	2.5m
FL04	2m	2.5m	5.5m	6.5m	7m	9.5m	11.5m	14.5m	14.5m	17m	2.5m
FL05	2m	3m	6m	7m	7.5m	10m	12m	15m	15m	18m	2.5m
FL35	1.5m	2.5m	5m	6m	6.5m	8.5m	10.5m	13m	13m	16m	2m
80200	2.5m	3.5m	7m	8m	9m	12m	14m	18m	18m	21.4m	3m
80310	1m	1.5m	3.5m	4m	4.5m	6m	7m	9m	9m	10.5m	1.5m
80350	0.5m	1m	2.5m	3m	3m	4m	5m	6.5m	6.5m	7.5m	1m
MC67	1.5m	2m	4.5m	5m	5.5m	7.5m	9m	11m	11m	13.5m	1.5m

24V Strip											
FL3D48											
48102											

To place an order use the driver product codes below.

5789	5782	5783	5784	5672	5947	5986	5802/1	5724	5742	5743	5744	5999	5995	5996	5997
CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
24V	24V	24V	24V	24V	24V	24V	24V	24V	48V	48V	48V	48V	48V	48V	48V
IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP20	IP67	IP20	IP20	IP67	IP67	IP67	IP67	IP67
No	No	No	No	No	No	No	Yes	Yes	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	No	No	No	No	No	No	No	No	No	No	No	No

*Requires a PDCINTI-10V interface to make it 1 - 10V dimmable

Maximum length															
3m	5m	6m	8m	12.5m	20m	26.5m	8m	8m							
2m	3m	4m	5.5m	8m	13m	17.5m	5.5m	5.5m							
7m	10.5m	13m	17.5m	26m	41.5m	55.5m	17.5m	17.5m							
4.5m	7m	9m	12m	18m	28.5m	38m	12m	12m							
3m	4.5m	5.5m	7.5m	11.5m	18m	24m	7.5m	7.5m							
5m	7.5m	9.5m	12.5m	19m	30m	40.5m	12.5m	12.5m							
4m	5.5m	7m	9.5m	14.5m	23m	31m	9.5m	9.5m							
4.5m	6.5m	8m	11m	16.5m	26m	35m	11m	11m							
4m	5.5m	7m	9.5m	14.5m	23m	31m	9.5m	9.5m							
4m	6m	7.5m	10m	15m	24.5m	32m	10m	10m							
3.5m	5m	6.5m	8.5m	13m	22m	28m	8.5m	8.5m							
4.5m	7m	9m	12m	18m	28.5m	38m	12m	12m							
2.5m	3.5m	4.5m	6m	9m	14m	19m	6m	6m							
1.5m	2.5m	3m	4m	6.5m	10.5m	14m	4m	4m							
3m	4.5m	5.5m	7.5m	11.5m	18.5m	24m	7.5m	7.5m							

									5m	20m	25m	10m	15m	24m	32m
									3.6m	18.1m	22.7m	9m	13.6m	21.8m	29m

DRIVER COMPARISON

For full driver specifications visit our website collingwoodlighting.com

Product code	Rated wattage (Output)	Output voltage	Output current	Input wattage (Maximum)	Input voltage	Input current (Maximum)	Inrush current	Power factor	Ambient temperature (TA=°C)	Control	Double insulation	Efficiency	IP rating	Plug & Play
EUP30TIHMC0	30W	3-40V DC	750mA	30W	220-240VAC, 50-60Hz	0.17A	15A	0.9	-20°C - 50°C	Mains		87%	IP20	Yes
LSD12024	120W	24V DC	5A max	120W	220-240VAC, 50-60Hz	0.64A	36A 0.183ms	0.9	-15°C - 45°C	Dimmable with PDCINTI-10V	Yes	90%	IP20	No
LSD6024	60W	24V DC	2.5A max	60W	220-240VAC, 50-60Hz	0.32A	37A 0.215ms	0.9	-15°C - 45°C	Dimmable with PDCINTI-10V	Yes	>89%	IP20	No
DRV150700	30W	2.5-42VDC	150-700mA	30W	220-240VAC	150mA-700mA	5.38A 0.032ms	0.95	45°C	Non-dimmable	Yes	89%	IP20	
DRV350700TD	20W	350mA: 9-40V - 500mA: 9-40V - 700mA: 9-29V	350-700mA	20W	220-240VAC	350-700mA	15A 0.09ms	0.95	50°C	Mains (Triac)	Yes	81%	IP20	
PLD UNI-DRIVE 350MA	N/A	2-46V	350mA	18W	110-240V AC	0.14A	5A 0.05ms	0.98	-25°C - 50°C	1-10V	Yes	80%	IP20	
PLD UNI-DRIVE 700MA	N/A	2-36V	700mA	30W	110-240V AC	0.14A	5A 0.05ms	0.98	-25°C - 50°C	1-10V	Yes	80%	IP20	
PLDM70011	N/A	12V	700mA	12W	220-240V AC	0.05A	15A 0.5ms	0.95	-25°C - 40°C	Mains	Yes	>80%	IP20	Yes
PS1524	15W	24V DC	0.625A max.	18W	220-240V AC	0.08A	28A 0.02ms	0.5	45°C	Dimmable with PDCINTI-10V	Yes	>84%	IP20	
PS3024B	30W	24V DC	1.25A max	36W	220-240V AC	0.24A	20A 0.78ms	0.9	-20°C - 45°C	Dimmable with PDCINTI-10V	Yes	>80%	IP20	
PS250600MA	25W	14-42V	250mA - 600mA	29W	220-240VAC, 50-60Hz	0.18A	40A 0.35ms	0.95	-20°C - 45°C	DALI, 0-10V, PUSH DIM	Yes	85%	IP20	No

Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
			Yes	H: 42.5mm L: 185mm W: 28.5mm	150g	Terminals	0.75- 2.5mm ²	0.75- 2.5mm ²		3 Years
No	No	Mains Surge, Short / Open Circuit	Yes	H: 30mm L: 300mm W: 40mm	425g	Terminals	0.75 - 1.5mm ²	0.75 - 1.5mm ²		5 years
No		Mains Surge, Short / Open Circuit	Yes	H: 30mm L: 180mm W: 52mm	296g	Terminals	0.75 - 1.5mm ²	0.75 - 1.5mm ²		5 years
	No	Open Circuit, Short Circuit, Over Temperature Self Reset	Yes	H: mm L: mm W: mm		Push-fit terminals		0.75 - 1.5mm ²		5 years
	No	Open Circuit, Short Circuit, Over Temperature Self Reset	Yes	H: mm L: mm W: mm	130g	Push-fit terminals				5 Years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm	100g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ² max.		5 years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 103mm W: 67mm	100g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ² max.		5 years
	No	Open circuit & short circuit	Yes	H: 28mm L: 78mm W: 50mm	70g	Plug & Play	0.15m, 0.75mm ² 2-core cable	AWG24 with plug & play connector		7 years
	No	Short circuit, overload & overheating	Yes	H: 19mm L: 103mm W: 35.5mm	80g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ²	PDCINTI-10V Dimming interface	3 Years
	No	Short circuit, overload & overheating	Yes	H: 30mm L: 143mm W: 45mm	146g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ²	PDCINTI-10V Dimming interface	3 Years
No		Over Voltage, Short Circuit, Thermal	Yes	H: 30mm L: 125mm W: 76mm	190g	DC Plug and Play Connector	0.75 - 1.5mm ²	0.5 - 1.5mm ²		5 years

DRIVER COMPARISON

For full driver specifications visit our website collingwoodlighting.com

Product code	Rated wattage (Output)	Output voltage	Output current	Input wattage (Maximum)	Input voltage	Input current (Maximum)	Inrush current	Power factor	Ambient temperature (TA=°C)	Control	Double insulation	Efficiency	IP rating	Plug & Play
PS6501100MA	46W	14-42V	650mA - 1100mA	53W	220-240VAC, 50-60Hz	0.3A	40A 0.35ms	0.95	-20°C - 45°C	DALI, 0-10V, PUSH DIM	Yes	87%	IP20	No
PS7524	75W	24V DC	3.13A max.	90W	200-240V AC	0.4A	75A 0.11ms	0.9	-20°C - 45°C	Dimmable with PDCINTI-10V	Yes	85%	IP20	
PSDAL20024	200W	24V DC	8.33A max.	240W	220-240V AC	1.4A	56A 640µs	0.98	-25°C - 50°C	DALI	Yes	>85%	IP66	
PSDAL350M	N/A	2-74V	350mA	30W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V & DALI	Yes	90%	IP20	
PSDAL700M	N/A	2-71V	700mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V & DALI	Yes	90%	IP20	
PSDAL900M	N/A	2-55V	900mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V & DALI	Yes	>80%	IP20	
PSDIM180	N/A		180mA	8.5W	220-240V AC	0.038A	20A 0.4ms	0.9	-25°C - 50°C	Mains	Yes	74%	IP20	Yes
PSDIM350	N/A	2-74V	350mA	30W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V	Yes	>80%	IP20	
PSDIM700	N/A	2 - 71V	700mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V	Yes	80%	IP20	
PSDIM900	N/A	2-55V	900mA	56W	110-240V AC	0.25A	20A 0.4ms	0.95	-25°C - 50°C	1-10V	Yes	>80%	IP20	
PSDIP10024	100W	24V DC	4.15A max.	120W	220-240V AC	0.546A	45A 0.7ms	0.98	40°C	0-10V	Yes	>80%	IP66	

Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
No		Over Voltage, Short Circuit, Thermal	Yes	H: 30mm L: 125mm W: 76mm	190g	DC Plug and Play Connector	0.75 - 1.5mm ²	0.5 - 1.5mm ²		5 years
	No	Short circuit, overload, overheating & over voltage	Yes	H: 28.2mm L: 170mm W: 44.5mm	221g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ²		3 Years
	No	Short circuit, overload & overheating	Yes	H: 53mm L: 255mm W: 80mm	1800g	Flying Lead	Mains: 0.25m, 1mm ² 3-core cable Ø: 7.5mm DALI: 0.25m, 0.75mm ² 2-core cable Ø: 7mm	0.25m, 1.5mm ² 2-core cable Ø 9mm		3 Years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-1.5mm ² max.	0.5-1.5mm ² max.		5 years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		5 years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		7 years
Yes	No	Open / Short Circuit - Power Cycle Reset	Yes	H: 30mm L: 118mm W: 46mm	103g	Plug & Play		H03VVH2-F with connector		3 Years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		5 years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		7 years
	No	Short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm ² max.	0.5-2.5mm ² max.		7 years
	No	Short circuit, overload & overheating	Yes	H: 44mm L: 230mm W: 68mm	1200g	Flying Lead	Mains: 0.25m, 1mm ² 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm ² 2-core cable Ø: 6.5mm	0.25m, 1.5mm ² 2-core cable Ø: 7mm		3 Years

DRIVER COMPARISON

For full driver specifications visit our website collingwoodlighting.com

Product code	Rated wattage (Output)	Output voltage	Output current	Input wattage (Maximum)	Input voltage	Input current (Maximum)	Inrush current	Power factor	Ambient temperature (TA=°C)	Control	Double insulation	Efficiency	IP rating	Plug & Play
PSIP15024	150W	24V DC	6.3A max.	178W	220-240V AC	0.80A	45A 1ms	0.95	50°C	Dimmable with PDCINTI-10V	Yes	>85%	IP67	
PSIP25024	250W	24V DC	10.4A max.	285W	220-240V AC	1.6A	30A 0.2ms	0.96	50°C	Dimmable with PDCINTI-10V	Yes	84%	IP67	
PSIP35018W	18W	25 - 50V	350mA	20W	220-240V AC	0.1A	13A 0.1ms	0.9	50°C	Non-dimmable	Yes	83%	IP65	
PSIP3509W	9W	2.5 - 25V	350mA	11W	220-240V AC	0.05A	8A 0.1ms	0.9	50°C	Non-dimmable	Yes	82%	IP65	
PSIP70018W	18W	2.5 - 25V	700mA	20W	220-240V AC	0.1A	12A 0.1ms	0.9	50°C	Non-dimmable	Yes	83%	IP65	
PSIP70036W	36W	25 - 50V	700mA	40W	220-240V AC	0.18A	18A 0.1ms	0.9	50°C	Non-dimmable	Yes	85%	IP65	
PSMD3024	30W	24V DC	1.25A	30W	180-240V AC	0.18A	3A 0.08ms	0.95	50°C	Mains	Yes	>83%	IP20	
PSMDIP10024	100W	24V DC	4.17A max.	120W	180-264V AC	0.8A	30A 0.2ms	0.6		Mains	Yes	85% with max load	IP66	

Loop in / loop out	Din rail mount	Protection	SELV	Dimensions	Weight	Connection output	Input cable	Output cable	Accessories	Warranty
	No	Short circuit, overload & overheating	Yes	H: 37mm L: 190mm W: 62mm	1200g	Flying Lead	0.25m, 1mm ² 3-core cable Ø: 7.5mm	0.25m, 1mm ² 2-core cable Ø: 8mm	PDCINTI-10V Dimming interface	3 Years
	No	Short circuit, overload & over current	Yes	H: 36mm L: 220mm W: 62mm	875g	Flying Lead	0.25m, 1mm ² 3-core cable Ø: 7.5mm	0.25m, 2mm ² 2-core cable Ø: 9mm	PDCINTI-10V Dimming interface	3 Years
	No	Short circuit, overload & overheating	Yes	H: 25mm L: 180mm W: 42mm	200g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
	No	Short circuit, overload & overheating	Yes	H: 24mm L: 160mm W: 38mm	200g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
	No	Short circuit, overload & overheating	Yes	H: 24mm L: 160mm W: 38mm	200g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
	No	Short circuit, overload & overheating	Yes	H: 25mm L: 180mm W: 42mm	250g	Flying Lead	0.2m, 1mm ² 2-core cable Ø: 7mm	0.2m, 1mm ² 2-core cable Ø: 7mm		5 years
	No	Short circuit, overload & overheating	Yes	H: 45mm L: 185mm W: 65mm	450g	Terminals	0.75-4.0mm ² max.	0.5-4.0mm ² max.		3 Years
	No	Short circuit, overload & over current	Yes	H: 43mm L: 230mm W: 70mm	1300g	Flying Lead	0.25m, 1mm ² 3-core cable Ø: 7.5mm	0.25m, 1mm ² 2-core cable Ø: 7mm		1 Year Warranty

GENERAL ACCESSORIES

Junction Boxes and Wiring

JB2 (SERIES)

WATERPROOF JUNCTION BOX



Key features		Use in conjunction with		
Max. voltage	48V DC	GL016	GL019	GL040
Max. current	700mA	GL100	UL010	SL220
Max. conductor size	1mm ²			
Cable diameter	5 - 6.5mm ²			
IP rating	IP68 (2m)			
Wiring	Series			
Inputs	1			
Outputs	1 - 3			

JB5 (PARALLEL)

GEL FILLED WATERPROOF JUNCTION BOX



Key features		Use in conjunction with	
Max. voltage	250V AC	GL200	WL339
Max. current	16A	WL341	
Max. conductor size	1.5mm ²		
Cable diameter	6.5 - 12mm ²		
IP rating	IP68 (1.3m)		
Wiring	Parallel		
Inputs	1		
Outputs	1 - 3		

JB3

WATERPROOF JUNCTION BOX



Key features		Use in conjunction with
Max. voltage	400V AC	GL016RGBW
Max. current	30A	
Max. conductor size	4mm ²	
Cable diameter	3 - 12mm ²	
IP rating	IP66	
Wiring	Parallel	
Inputs	1	
Outputs	1 - 7	

JB6

INLINE IP68 GEL FILLED CABLE CONNECTOR



Key features		Use in conjunction with
Max. voltage	250V AC	WCR 275 BLACK Ideal for extending cable when it's not long enough
Max. current	6A	
Max. conductor size	0.75mm ²	
Cable diameter	4.8 - 6mm ²	
IP rating	IP68 (1.3m)	
Wiring	Inline	
Inputs	1	
Outputs	1	

JB4 (SERIES)

GEL FILLED WATERPROOF JUNCTION BOX



Key features		Use in conjunction with		
Max. voltage	120V DC	GL016	GL019	GL040
Max. current	700mA	GL100	UL010	SL220
Max. conductor size	1.5mm ²			
Cable diameter	3 - 12mm ²			
IP rating	IP66			
Wiring	Series			
Inputs	1			
Outputs	1 - 7			

JB7

5 POLE SCREW TERMINAL IP68 CONNECTOR



Key features (RGBW only)		Use in conjunction with
Max. voltage	24V	GL016RGBW
Max. current	1.4A	
Max. conductor size	4mm ²	
Cable diameter	7 - 10.5mm ²	
IP rating	IP68 (1.3m)	
Wiring	Parallel	
Inputs	1	
Outputs	1	

WC5-9

QUICK RELEASE
WATERPROOF CONNECTOR



Key features		Use in conjunction with	
Max. voltage	250AC/50 DC	GL200	SL220
Max. current	10A	WL339	WL340
Max. conductor size	4mm ²	WL341	WL342
Cable diameter	5 - 9mm ²		
IP rating	IP68 (1.3m)		
Wiring	Inline		
Inputs	1		
Outputs	1		

WCR 275 BLACK

2-CORE
RUBBER CABLE



Key features		Use in conjunction with	
Cable	H05RN-F 2 x 0.75mm ² Outer diameter 6mm	JB2	JB4
Material	Copper cable, rubber outer	JB6	
Length	100m reel		

WCR 375 BLACK

3-CORE
RUBBER CABLE



Key features		Use in conjunction with	
Cable	H05RN-F 3 x 0.75mm ² Outer diameter 6mm	JB5	WC 5-9
Material	Copper cable, rubber outer		
Length	100m reel		
Indoor / outdoor	Suitable for permanent outdoor use		

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.

Driver	0.5mm ²	0.75mm ²	1mm ²	1.5mm ²	2.5mm ²
PR3002	3m	4.5m	6m	9m	15m
PR3011	50m	75m	100m	150m	250m

GL018 0.5W 24V DC DRIVERS

Cable length is from the driver to the last LED unit.

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



	B		G		H		
BLSAG3RDCS	109	GL016RSS22F.....	41	GL040RSS40S	40	GL200DX4X40	37
BLSAG6RDCS	109	GL016RSS22S.....	41	GL040USS22F.....	42	GLTMFI47T30	45
BLSBK3RDCS	109	GL016RSS27F.....	41	GL040USS22S.....	42	GLTMFI65T30	45
BLSBK6RDCS	109	GL016RSS27S.....	41	GL040USS27F.....	42	GLTMSI19T30	45
BLSCN3RDCS	109	GL016RSS30F.....	41	GL040USS27S.....	42	GLTMSI47T30	45
BLSCN6RDCS	109	GL016RSS30S.....	41	GL040USS30F.....	42	GLTMSI65T30	45
		GL016RSS30S.....	41	GL040USS30S.....	42	GLTMSI93T30	45
		GL016RSS40F.....	41	GL040USS40F.....	42	GLTMS223T30	45
		GL016RSS40S.....	41	GL040USS40S.....	42		
F		GL018 C 27.....	24	GL100SSIW22	30	H	
FL01/C	128	GL018 C NW	24	GL100SSIW27	30	HYBICONEB	110
FL01/F	128	GL018 C WARM WHITE	24	GL100SSIW30	30	HYBICONEBPC	110
FL01/N	128	GL018 SQ WARM WHITE.....	25	GL100SSIW40	30	HYBICONES.....	112
FL01APCS.....	94	GL019E27BL.....	50	GL100SS2O22	32	HYBICONESPC	112
FL01AXCS.....	94	GL019E27SS	50	GL100SS2O27.....	32	HYBIOPALW	111
FL01BPCS.....	94	GL019E30BL	50	GL100SS2O30.....	32	HYBIOPALWPC.....	111
FL01BXCS.....	94	GL019E30SS.....	50	GL100SS2O40.....	32		
FL01WPCS.....	94	GL019RSS22F.....	26	GL100SS2W22.....	31	L	
FL01WXCS.....	94	GL019RSS22S	26	GL100SS2W27	31	LL1000AT27	119
FL02/C	129	GL019RSS27F.....	26	GL100SS2W30	31	LL1000AT30	119
FL02/F	129	GL019RSS27S.....	26	GL100SS2W40	31	LL1000MT27	119
FL02/N	129	GL019RSS30F.....	26	GL100SS3W22.....	33	LL1000MT30.....	119
FL02APCS.....	95	GL019RSS30S.....	26	GL100SS3W27	33	LL1000WT27	119
FL02AXCS.....	95	GL019RSS40F.....	26	GL100SS3W30	33	LL1000WT30	119
FL02BPCS.....	95	GL019RSS40S.....	26	GL100SS3W40	33	LL500AT27	118
FL02BXCS.....	95	GL019USS22F.....	28	GL100SS4W22.....	34	LL500AT30.....	118
FL02WPCS.....	95	GL019USS22S.....	28	GL100SS4W27.....	34	LL500MT27.....	118
FL02WXCS.....	95	GL019USS27F.....	28	GL100SS4W30	34	LL500MT30	118
FL03/C	130	GL019USS27S.....	28	GL100SS4W40	34	LL500WT27	118
FL03/F	130	GL019USS30F.....	28	GL200AX1X27	38	LL500WT30.....	118
FL03/N	130	GL019USS30S.....	28	GL200AX1X30.....	38		
FL03APCS.....	96	GL019USS40F.....	28	GL200AX2127.....	38	M	
FL03AXCS	96	GL019USS40S.....	28	GL200AX2130	38	MC67/11/C.....	136
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FL03WPCS.....	96	GL022 27	53	GL200AX3X27	39	S	
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FL04/C	131	GL022 WW.....	53	GL200AX4X27.....	39	SL030 F NW.....	62
FL04/F	131	GL034SS22MF.....	51	GL200AX4X30	39	SL030 F WW.....	62
FL04/N	131	GL034SS27MF	51	GL200DX1X27	36	SL040A F 27	63
FL05/C	132	GL034SS30MF.....	51	GL200DX1X30	36	SL040A F WW.....	63
FL05/F	132	GL034SS40MF.....	51	GL200DX1X40	36	SL040A S 27	63
FL05/N	132	GL038SS22MF.....	43	GL200DX2127.....	36	SL040A S WW.....	63
FL05APCS.....	97	GL038SS27MF.....	43	GL200DX2130	36	SL13027	62
FL05AXCS.....	97	GL038SS30MF.....	43	GL200DX2140.....	36	SL13030	62
FL05BPCS.....	97	GL038SS40MF.....	43	GL200DX2227.....	36	SL13040	62
FL05BXCS.....	97	GL040RSS22F.....	40	GL200DX2230.....	36	SL130ZMBX27	62
FL05WPCS.....	97	GL040RSS22S.....	40	GL200DX2240.....	36	SL130ZMBX30.....	62
FL05WXCS.....	97	GL040RSS27F.....	40	GL200DX3X27.....	37	SL220SS27MS.....	65
FL10BXCS.....	98	GL040RSS27S.....	40	GL200DX3X30	37	SL220SS27XF.....	64
FL35/C.....	133	GL040RSS30F.....	40	GL200DX3X40	37	SL220SS27XS	64
FL35/N	133	GL040RSS30S.....	40	GL200DX4X27	37	SL220SS30MS.....	65
		GL040RSS40F.....	40	GL200DX4X30	37	SL220SS30XF.....	64

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UL030SS27XS.....	78	70052/90/C.....	124
UL030SS30XF.....	78	70052/90/N.....	124
UL030SS30XS.....	78	70052/C.....	124
UL030SS40XF.....	78	70052/F.....	124
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WL070SNBM30.....	84	70220/C/50.....	126
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WL075SNBM27.....	85	70220/N/50.....	126
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