Landscape lighting

Create amazing outdoor spaces

COLLINGWOOD
LIGHTING

Introduction

We are passionate and focussed on our mission to create exciting lighting and delight you with all areas of our business.

Founded in 1901, Collingwood Lighting was one of the first UK companies to design and manufacture LED lighting products – back in 2002 in fact. Since then, Collingwood has continuously created beautiful, timelessly designed LED luminaires that are also highly efficient and easy to install.

Using only the highest quality materials, Collingwood products are backed up by long warranties and supported by an expert and friendly customer services team, always prepared to go the extra mile. Furthermore, the majority of products can be delivered to UK addresses within 24 hours.

Lighting has the potential to dramatically enhance the overall design of any landscape, and should be considered at the start of every design. Providing an abundance of benefits for both residential and commercial spaces, landscape lighting can add safety, security, ambiance, mood and drama to the overall environment. Limited only by the designer's imagination, the practical functions and various mood effects that can be established are endless.

Our range of ground lights are built to last and can be used in many environments, even coastal areas with our marine grade stainless steel 316 products, providing you with the reassurance that the products will look as good as the day they were fitted. In addition to ground lights the use of wall and spike lights in any design will amplify the overall look and feel. Available in contemporary finishes such as bronze anodised aluminium and solid copper, they are sure to add depth and designer quality to any installation. Charismatic and timeless, finishing your overall design with our hand crafted, bespoke bollard range will ensure a safe, dynamic and elegantly lit space to complement the surroundings.

Contents.

New soffit downlight.

The H2 Pro Extreme has been developed specifically for tough environments. High performance over a long lifetime is guaranteed with the specialised design and manufacturing from Collingwood. Which is why, with this particular downlight, we have focused on ensuring a fit and forget solution. Brushed steel, grey matt white and matt black versions are available in both neutral white (4000K) and warm white (3000K).

H2 Pro Extreme
Page 135

IP65 outdoor downlight with waterproof seal.

4.6W | IP65 front & back

IP65
Back

IP65
Front

New IP67 Neon strip.

The new range of IP67 rated Neon strip is flexible and ideal for be installing near water and swimming pools. Providing even, soft, dot less light, the range is ideal for outdoors, perfectly suiting landscape and architectural applications.

LSNS73 | LSNS75 | LSNT73 | LSNT75
Page 128-131

IP67 Neon strip available in 4.8W, 9.6W, side bend and top bend and in 2700K, 3000K and 4000K.

New wall lights.

We have extended our range of wall lights to include four new contemporary designs. Each wall light produces a different lit effect, with different luminous flux to allow you to create the lighting design that you desire. All wall lights are straight to mains, which makes retrofit installation simple because there is no need for an additional driver and the existing cable can be terminated quickly. Each wall light also has a detachable bracket, which again is designed to help the installation process.

WL012
Page 66

610lm, straight to mains wall light with window design.

11W | IP54 | 3000K

WL013
Page 67

390lm, straight to mains wall light with wide up/down light output.

6.5W | IP65 | 3000K

WL014
Page 67

350lm, straight to mains wall light with narrow up/down light output.

5.7W | IP54 | 3000K

WL015
Page 68

1,000lm, straight to mains wall light with wide up/down light output.

13W | IP65 | 3000K

Decorative wall lights.

A range of existing complementary decorative wall lights, suitable for outdoors. The wide range of decorative wall lights are a great way to bring features to life on façade, fences decking and outdoor structures. Each of the decorative wall lights create different effects, from up/down light producing a narrow and concentrated beam of light to a wide angle downwards light for a broad area.

Cuboid wall lights
Page 76

Bi-directional mini cube light, with easy install wall plug.

Down lights | Up/Down lights

Mini spot lights
Page 77

Stainless steel 316, can be rotated and angled to direct light.

Tiltable | Rotatable

Decorative mini LEDs
Page 78-79

Small and discreet decorative recessed LED light.

Range of styles
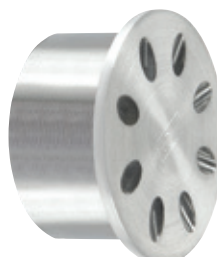
Mini LED lights
Page 80-81

Small and discreet with plug and play connector for quick installation.

Range of mounting options

New walk & drive over ground lights.

Two new ground lights are available now which are designed, developed and built to last. The stainless steel cover rings are suitable for coastal areas and are corrosion resistant. Choose from a walk over or drive over design, as well as medium or high light output to suit your installation.

GL06

Page 31

970lm, straight to mains ground light, 20° beam angle and Ø 196mm cut out.

21W | IP67 | Drive over

GL045

Page 32

610lm, straight to mains ground light, 20° beam angle and Ø 117mm cut out.

8W | IP67 | Walk over

New bollards.

A new range of contemporary bollards is available to complement the bespoke wooden bollard range we offer. These new bollards are available in a full height and half height design, which does not impact the light output but does allow for design and installation flexibility. The bollards are all manufactured from black anodised aluminium with a variety of lumen outputs.

BOL10
Page 118

610lm, straight to mains bollard with narrow diameter and 360° light output.

11W | **IP54** | **3000K**

BOL20
Page 119

930lm, straight to mains bollard with wide diameter and 360° light output.

23W | **IP65** | **3000K**

BOL30
Page 119

500lm, straight to mains bollard with a low glare design.

23W | **IP65** | **3000K**

Town Head Estate Lake Windemere

Recreate this look.

1 GL019
Page 37

2 GL07RGBW
Page 150

3 GL021
Page 58

4 WL075
Page 66

5 BL01
Page 115

6 BOL LED BRACKET
Page 172

Recreate this look.

1 **GL200**
Page 47

2 **GL008RGBW**
Page 150

Private residence

Recreate this look.

1 **UL030**
Page 86

2 **WL070RGBW**
Page 154

3 **MC050**
Page 71

4 **MC010**
Page 76

Recreate this look.

1 **GL019**
Page 37

2 **WL070**
Page 64

Add to this look.

3 **BL03**
Page 115

Wooden bollards
would be a good
finishing touch to
light this path.

Private residence

Recreate this look.

1 GL019
Page 37

2 UL030
Page 86

3 SL220
Page 100

4 BL03
Page 115

Landscape lighting.
Adding depth to landscapes

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

Incorporating lighting into landscape design

To amplify the quality of a landscape, lighting should be incorporated into the design. When it comes to landscape lighting, three 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.

Functional areas

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

Feature areas

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

Entertainment areas

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

Maximising materials

Importance of colour temperature

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

Wood / sand

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

Stone

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

Whites

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

Black and antique brass finishes

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

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

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

Atmosphere

Correct colour temperature is paramount for the choice of material you wish to highlight and the atmosphere you wish to create. Landscape designs are easily transformed by the correct colour temperature.
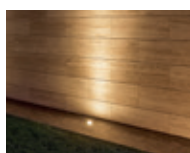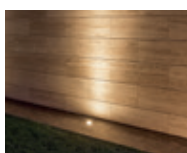
Warmest	**Warm**	**Natural white**
2700K	3000K	4000K
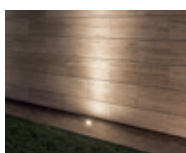
Flood vs. spot

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.
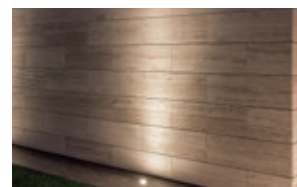
Textured surfaces vs. flat surfaces

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.
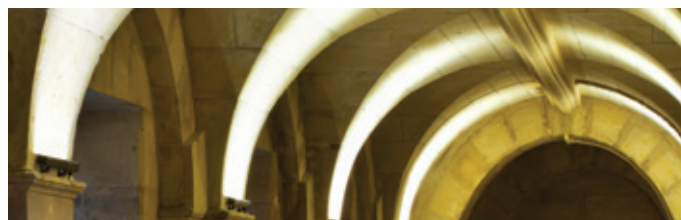
Landscape lighting.

Environment Considerations

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

Lighting design for wildlife

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 are available in 3000K or lower, as this will help minimise blue light content. Bollards, such as the black coated range are available in various sizes and with the low glare it has minimum up spill of lighting, making it suitable for areas where nocturnal animals such as bats, and any other wildlife that are affected by lighting.

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

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

Underwater lighting

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

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

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

Coastal and pool areas

Material choice

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

Stainless steel 316

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

Anodised Aluminium

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

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

Ground lights.

Ground lights form an integral part of any successful landscape lighting design and are a great starting point in transforming your dark and uninspiring outdoor area into a warm and interesting space. The versatile Collingwood ground light range can be used throughout your entire design, with specific features to suit different purposes. Constructed from 316 stainless steel, there are versions for drives, pathways and all can be subjected to the harshest of environments. You can even fully submerse the IP68-rated fittings in water for lighting ponds and water features. Collingwood's patented anti-siphon technology gives added protection against water ingress.

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

Ground lights.

Highlighting features inside and out

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

What type of ground light?

We offer the ideal ground light for every installation.

1 High power ground light

Powerful in output and large in scale, these fittings are ideal for illuminating tall trees and the façades of taller buildings.

2 Mid power ground light

Choose these to light smaller façades, trees, shrubs and garden walls. These fittings can also be used inside large scale buildings to highlight architectural features.

3 Low power ground light

Ideal for uplighting domestic façades and for use on wide steps and terraces with low level planting, these fittings can also be used inside to highlight architectural features. They can also be recessed into ceilings to provide small downlight options in display cases, alcoves or in showers.

4 Low glare ground light

These fittings are ideal for use indoors or near terraces, seating areas and along pathways where people pass nearby.

5 Marker light

Providing a subtle, diffused glow of light, these fittings are ideal for steps, pathways, driveways and car parks.

6 Underwater lighting

IP68 and tested to 9m submersion.
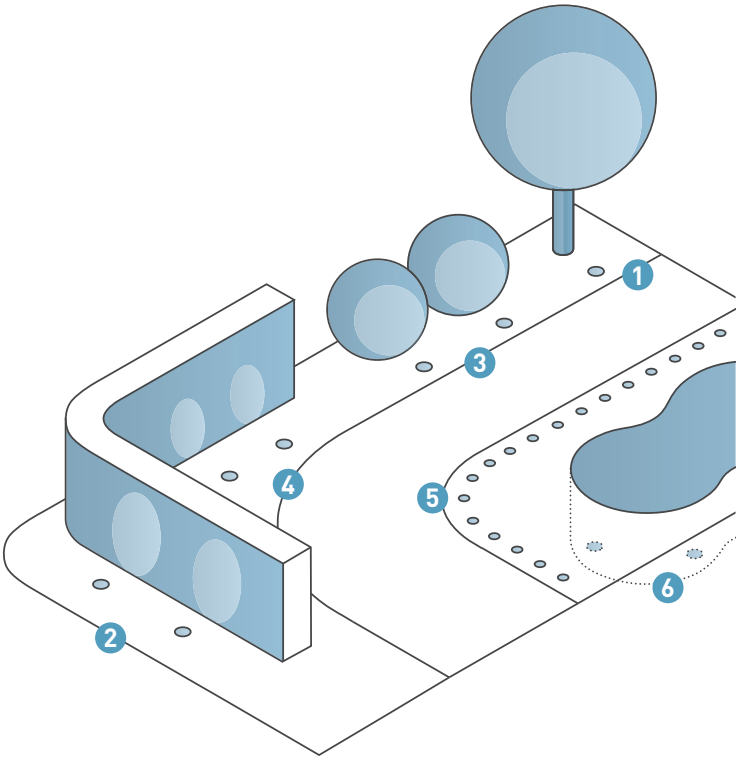
Choose the ideal size and output

50lux @ m (4000K)

50 lux @
12.3m / 9.7m / 5.9m
24˚ 38˚ 60˚

50 lux @
9.9m / 7.9m / 4.7m
24˚ 38˚ 60˚

50 lux @
6.6m / 5.7m / 3.3m
24˚ 38˚ 60˚

50 lux @
11.1m
24˚

50 lux @
7.6m
24˚

50 lux @
9.6m / 7.2m
12˚ 20˚

50 lux @
10.6m / 4.5m
12˚ 40˚

50 lux @
11.3m / 10.1m
12˚ 20˚

50 lux @
3.4m
40˚

GL09

GL08

GL07

GL06

GL045

GL090

GL040

GL041

GL038

High power ground light

Mid power ground light
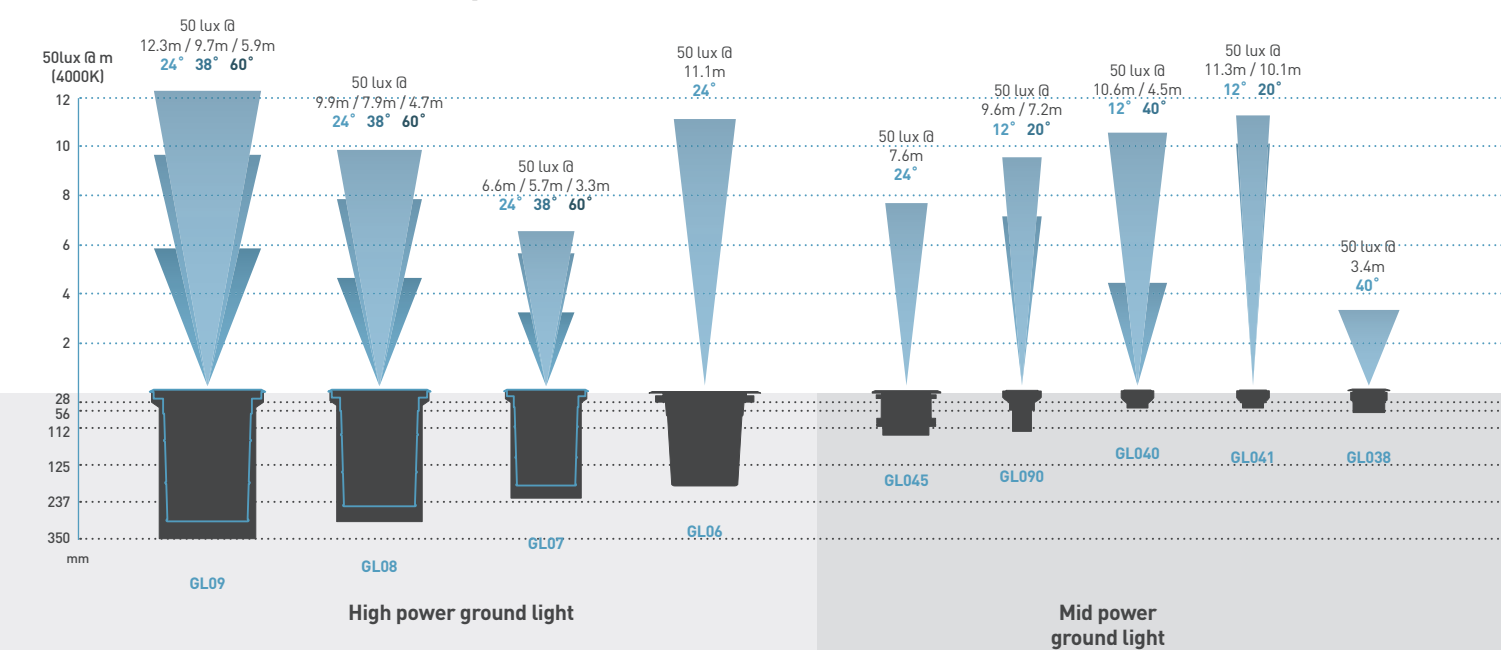
GLA01 square accessory plate

The perfect accessory to change the look of ground lights. The GLA01 is a square plate to transform round ground lights to square ground lights.

This is also a marine grade stainless steel 316.
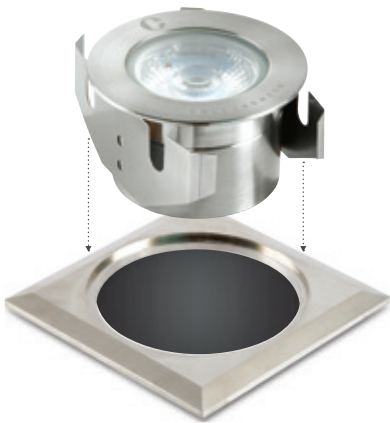
Patented underwater technology

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

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

Fitting guide

Product Code	Cut-out	Depth	Depth with tube
GL06	196mm	210mm	217mm
GL07 Range	178mm	219mm	246mm
GL08	212mm	250mm	278mm
GL09	288mm	300mm	348mm
GL016 Range	50mm	60mm	150mm
GL018 Range	28mm	50mm	N/A
GL019 Range	33mm	60mm	150mm
GL019 Ultra low glare	33mm	90mm	150mm
GL019 ST	32mm	50mm	N/A
GL019 S TK	37mm	N/A	155mm
GL038	80-85mm	60mm	190mm
GL040	65mm	60mm	150mm
GL040 Ultra low glare	65mm	110mm	150mm
GL041	65mm	60mm	150mm
GL045	117mm	110mm	110mm
GL050	65mm	60mm	150mm
GL051	65mm	60mm	150mm
GL063 / GL064	55mm	60mm	150mm
GL090	65mm	110mm	150mm
GL100	33mm	60mm	150mm
GL200	65mm	80mm	150mm

Diagrams shown are Mains and 700mA output.

50 lux @ 7.8m / 3.5m
12˚ 38˚

50 lux @ 2.8m
12˚

50 lux @ 7.6m / 3.7m
12˚ 34˚

50 lux @ 6.8m / 1.5m
12˚ 30˚

50 lux @ 4.2m / 2.2m
12˚ 30˚

GL019 GL016

GL040 ULG GL019 ULG GL019 LG

GL050 GL051

GL050 GL051 GL019 Frosted GL016 Frosted GL018

GL063 GL064 GL100 GL200

GL007 Frosted

Low power ground light

Low glare

Marker lights

Multi window marker lights
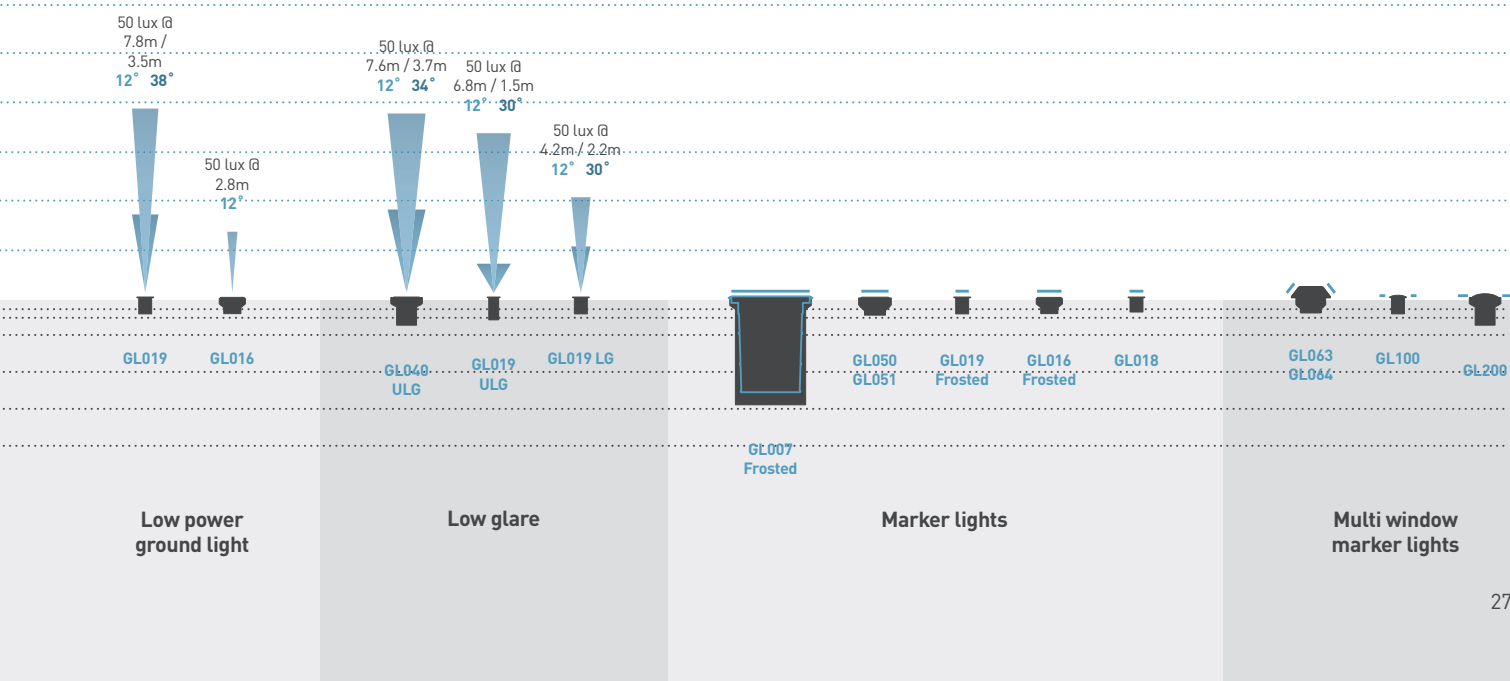
Ground lights

GL09
25W, 2,000lm+ drive over ground light
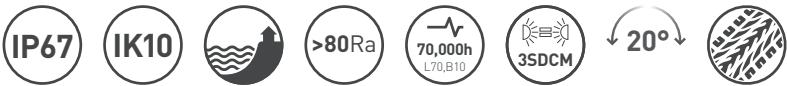
IP67 **IK10** **>80**Ra **70,000h** L70,B10 **3SDCM** ↙**20°**↓

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL09D60X40	25.5W	4000K	60°	2085	82	1742
GL09D38X40	25.5W	4000K	38°	2085	82	4752
GL09D24X40	25.5W	4000K	24°	2085	82	7529
GL09D60X30	25.5W	3000K	60°	2085	82	1742
GL09D38X30	25.5W	3000K	38°	2085	82	4752
GL09D24X30	25.5W	3000K	24°	2085	82	7529

INSTALLATION INFORMATION

Input	220-240V
Dimmable	No
Inrush current	2.8A 0.2ms
Construction material	Stainless steel (316) (cover ring) / Aluminium (body)
Weight	7500g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

Adjustable LED fittings

High light output of 2085 lumens

Straight to mains

Robust cable for outdoor use

Installation tube included

10mm toughened glass, ideal for use in driveways / drive over compatible

Suitable for coastal areas

SIZE DIAGRAM

Ø300/290mm

340/350mm

1m
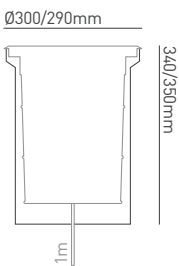
ACCESSORIES

Installation tube	Included	WC 5-9	Quick waterproof connector
JB5	Gel filled waterproof connector		

GL08
17W, 1,390lm drive over ground light

IP67 | IK10 | >80Ra | 70,000h L70,B10 | 3SDCM | 20° |

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL08D60X40	17W	4000K	60°	1390	82	1103
GL08D38X40	17W	4000K	38°	1390	82	3146
GL08D24X40	17W	4000K	24°	1390	82	4862
GL08D60X30	17W	3000K	60°	1390	82	1103
GL08D38X30	17W	3000K	38°	1390	82	3146
GL08D24X30	17W	3000K	24°	1390	82	4862

INSTALLATION INFORMATION

Input	220-240V
Dimmable	No
Inrush current	1.8A 0.2ms
Construction material	Stainless steel (316) (cover ring) / Aluminium (body)
Weight	4100g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

Adjustable LED fittings

High light output of 1390 lumens

Straight to mains

Robust cable for outdoor use

Installation tube included

10mm toughened glass, ideal for use in driveways / drive over compatible

Suitable for coastal areas

SIZE DIAGRAM

Ø225/212mm

250/280mm

1m
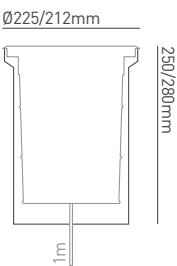
ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector
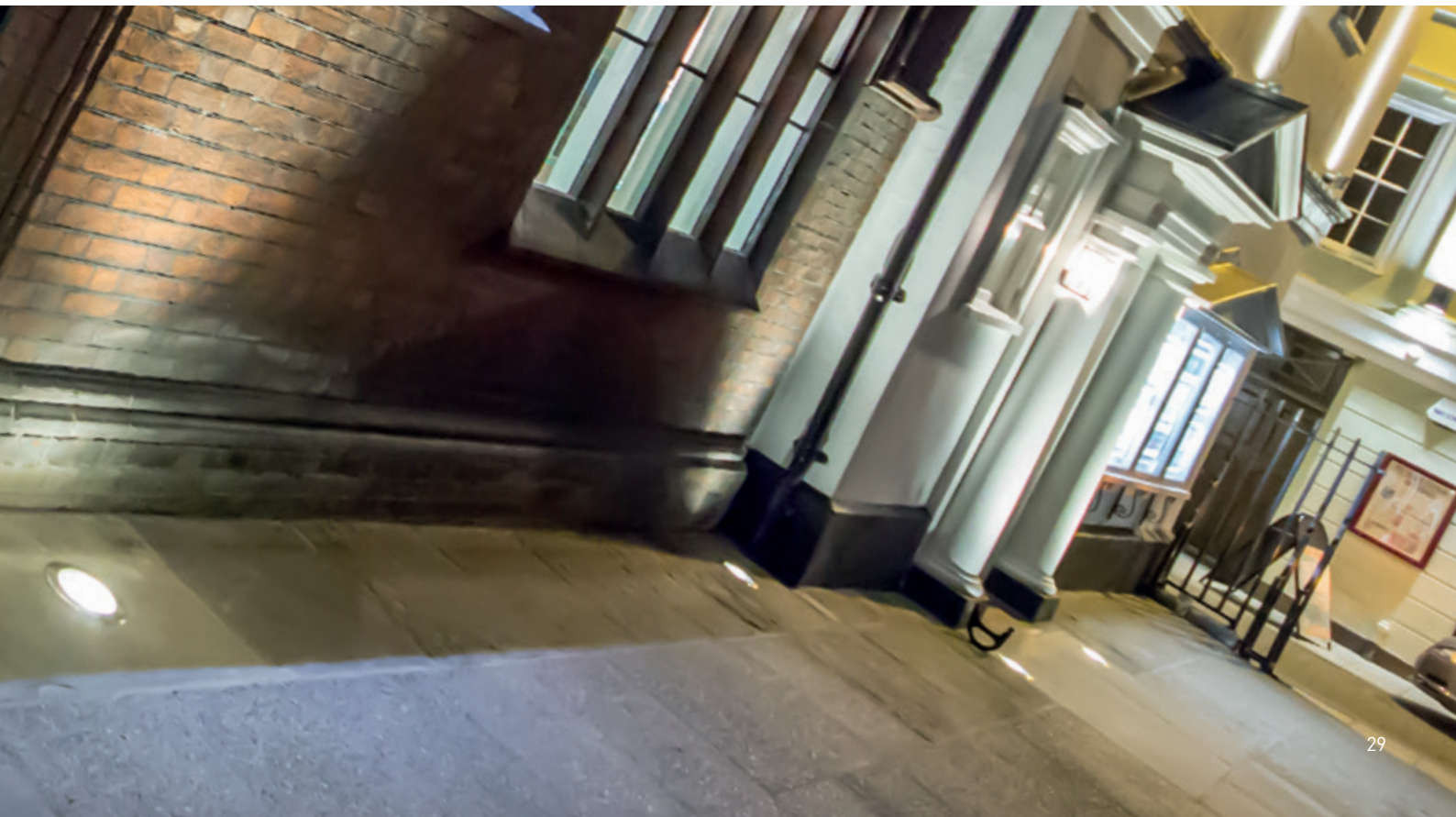
GL07

8.5W, 695lm drive over LED ground light

IP67 · IK10 · >80Ra · 70,000h L70,B10 · 3SDCM · 20° ↓

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL07D60X40	8.5W	4000K	60°	695	82	550
GL07D38X40	8.5W	4000K	38°	695	82	1620
GL07D24X40	8.5W	4000K	24°	695	82	2198
GL07D60X30	8.5W	3000K	60°	695	82	550
GL07D38X30	8.5W	3000K	38°	695	82	1620
GL07D24X30	8.5W	3000K	24°	695	82	2198

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	0.92A 0.13ms
Construction material	Stainless steel (316) (cover ring) / Aluminium (body)
Weight	2800g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

- Adjustable LED fittings
- High light output of 695 lumens
- Straight to mains
- Robust cable for outdoor use
- Installation tube included
- 10mm toughened glass, ideal for use in driveways / drive over compatible
- Suitable for coastal areas

SIZE DIAGRAM

Ø185/180mm
225/245mm
1m
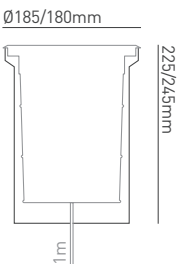
ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector

GL007 Frosted

8W, 100lm frosted LED drive over ground / marker light

IP67 | **IK10** | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL007 FROSTED NW	8W	4000K	120°	101	13	43
GL007 FROSTED WW	8W	3000K	120°	96	12	33

INSTALLATION INFORMATION

|	
Input	Mains AC
Dimmable	No
Inrush current	10.7A 0.7ms
Construction material	Stainless steel (316) (cover ring) / Aluminium (body)
Weight	2700g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

Frosted effect for softer tone of light

Straight to mains

Installation tube included

10mm toughened glass, ideal for use in driveways / drive over compatible

Suitable for coastal areas

SIZE DIAGRAM

Ø185/180mm
225/245mm
1m
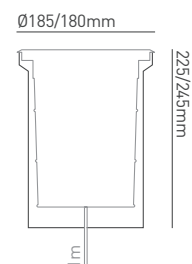
ACCESSORIES

Installation tube	Included		WC 5-9	Quick waterproof connector
JB5	Gel filled waterproof connector			

GL06

21W, 970lm straight to mains drive over ground light

IP67 | **IK08** | >80Ra | 30,000h L70,B10 | <4SDCM

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL06X30	21W	3000K	20°	970	46	6203

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø196mm
Inrush current	10A 0.5ms
Construction material	Stainless steel 316 (cover ring) / Aluminium (body)
Weight	3700g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

Withstand any weather conditions such as coastal areas with an IP67 rating

Straight to mains connection

Narrow beam angle of 20°

High intensity of light with 6200 lux at 1m

Marine grade stainless steel 316 for long-lasting durability

Low glare UGR <10

SIZE DIAGRAM

Ø215/196mm
223/217mm
1m
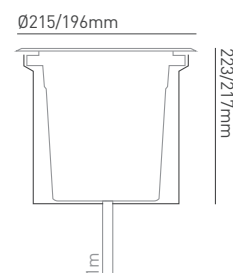
ACCESSORIES

Installation tube	Included		WCR 375 BLACK	3-core rubber cable
JB5	Gel filled waterproof connector			

Ground lights

GL045
8W, 610lm ground light

IP67 | IK08 | >80Ra | 30,000h L70,B10 | <6SDCM

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL045X30	8W	3000K	20°	610	75	2924

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø117mm
Inrush current	20A 0.5ms
Construction material	Stainless steel 304 (cover ring) / Aluminium (body)
Weight	917g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

- Perfect for exterior use with an IP67 rating
- Straight to mains connection
- Narrow beam angle of 20° for a more focused light
- High light output of 610 lumens
- Low glare UGR <10

SIZE DIAGRAM

Ø125/117mm
105/110mm
1m

ACCESSORIES

Installation tube	Included
JB2 / JB4 / JB6	IP68 waterproof connectors

WCR 275 BLACK	2-core rubber cable

GL090
7W, 400lm LED ground light

IP68 | IK09 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL090 F NW	7W	4000K	20°	400	57	2594
GL090 S NW	7W	4000K	12°	400	57	4590
GL090 F WW	7W	3000K	20°	320	46	2076
GL090 S WW	7W	3000K	12°	320	46	3671
GL090 F 27	7W	2700K	20°	310	44	2011
GL090 S 27	7W	2700K	12°	310	44	3556
GL090 F BL	7W	Blue	20°	43	6	-
GL090 S BL	7W	Blue	12°	-	-	-

INSTALLATION INFORMATION

Input	700mA
Dimmable	Requires driver
Cut-out size	Ø65mm
Construction material	Stainless steel (316)
Weight	800g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- High light output of up to 400lm
- Robust cable for outdoor use
- Suitable for coastal areas
- Marine-grade stainless steel for long-lasting durability

SIZE DIAGRAM

Ø76mm
97mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube
GLA01	Ground light accessory, square plate, stainless steel 316

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL041
3W, 200lm ground light

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam Angle	350mA				700mA			
			Wattage	lm	lm/W	lx at 1m	Wattage	lm	lm/W	lx at 1m
GL041 F NW	4000K	40°	3W	200	67	1800	6W	450	75	5163
GL041 S NW	4000K	12°	3W	200	67	4500	6W	450	75	6486
GL041 F WW	3000K	40°	3W	160	53	1253	6W	440	73	2853
GL041 S WW	3000K	12°	3W	160	53	3210	6W	440	73	5049

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø65mm
Construction material	Stainless steel (316)
Weight	760g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

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

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

Robust cable for outdoor use

Marine grade stainless steel 316

Long lifetime of 70,000hrs

SIZE DIAGRAM
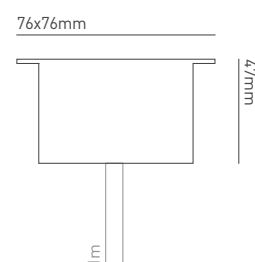
76x76mm

47mm

1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

Ground lights

GL040
Up to 4.6W, 530lm ground light

IP68 · **IK08** · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam Angle	350mA Wattage	lm	lm/W	700mA Wattage	lm	lm/W
GL040DWBX40	Stainless steel	4000K	40°	2.2W	310	141	4.6W	530	115
GL040DNBX40	Stainless steel	4000K	12°	2.2W	310	141	4.6W	530	115
GL040DWBX30	Stainless steel	3000K	40°	2.2W	300	136	4.6W	520	113
GL040DNBX30	Stainless steel	3000K	12°	2.2W	300	136	4.6W	520	113
GL040DWBX27	Stainless steel	2700K	40°	2.2W	290	132	4.6W	515	112
GL040DNBX27	Stainless steel	2700K	12°	2.2W	290	132	4.6W	515	112
GL040AWBX30	Antique brass	3000K	40°	2.2W	300	136	4.6W	520	113
GL040ANBX30	Antique brass	3000K	12°	2.2W	300	136	4.6W	520	113
GL040AWBX27	Antique brass	2700K	40°	2.2W	290	132	4.6W	515	112
GL040ANBX27	Antique brass	2700K	12°	2.2W	290	132	4.6W	515	112

Coming soon (GL040AWBX30, GL040ANBX30, GL040AWBX27, GL040ANBX27)

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø70mm
Construction material	Stainless steel (316) Antique brass: Brass
Weight	Stainless steel: 720g Antique brass: 780g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Single LED and lens combination for maximum efficiency and optimal light distribution
- Marine grade stainless steel 316
- Anti syphon patented waterproof technology
- Suitable for coastal areas
- Can be powered by either a 350mA or 700mA low voltage driver, depending on desired light output

SIZE DIAGRAM

Ø76mm
41mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
GLA01	Ground light accessory, square plate, stainless steel 316

GL040 Ultra low glare

2W, 215lm ground light

UGR 10 | IP68 | IK08 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL040DMBL40	Stainless steel	2W	4000K	34°	215	108	694
GL040DNBL40	Stainless steel	2W	4000K	12°	215	108	2891
GL040DMBL30	Stainless steel	2W	3000K	34°	208	104	671
GL040DNBL30	Stainless steel	2W	3000K	12°	208	104	2797
GL040DMBL27	Stainless steel	2W	2700K	34°	200	100	645
GL040DNBL27	Stainless steel	2W	2700K	12°	200	100	2689
GL040AMBL30	Antique brass	2W	3000K	34°	208	104	671
GL040ANBL30	Antique brass	2W	3000K	12°	208	104	2797
GL040AMBL27	Antique brass	2W	2700K	34°	200	100	645
GL040ANBL27	Antique brass	2W	2700K	12°	200	100	2689

Coming soon (applies to Antique brass rows)
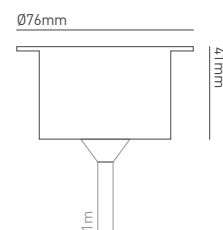
INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø70mm
Construction material	Stainless steel (316) Antique brass: Brass
Weight	Stainless steel: 818g Antique brass: 886g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

A stylish, baffled ground light

Perfect for both interior and exterior applications

Compliments environments with ultra low glare up-lighting effect

Can also be powered by a 700mA low voltage driver if more light is needed.

Marine-grade stainless steel 316

Suitable for coastal areas

SIZE DIAGRAM

Ø76mm

83mm

1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube
GLA01	Ground light accessory, square plate, stainless steel 316

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

Ground lights

GL038
2.9W, 300lm ground light

IP67 IK08 >80Ra 70,000h L70,B10 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL038DWBM40	Stainless steel	2.9W	4000K	40°	300	103	563
GL038DWBM30	Stainless steel	2.9W	3000K	40°	290	100	544
GL038DWBM27	Stainless steel	2.9W	2700K	40°	280	96	526
GL038AWBM30	Antique brass	2.9W	3000K	40°	290	100	544
GL038AWBM27	Antique brass	2.9W	2700K	40°	280	96	526

Coming soon

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø80-85mm
Inrush current	60A 0,037ms
Construction material	Stainless steel (316) (top) / Aluminium (body) Antique brass: Brass
Weight	Stainless steel: 696g Antique brass: 754g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

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

Straight to mains

Long lifetime of 70,000hrs

Marine grade stainless steel 316
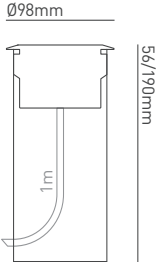
Suitable for coastal areas

SIZE DIAGRAM

Ø98mm

56/190mm

1m

ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector

GL019

Up to 2W, 180lm mini ground light

IP68 IK07 >80Ra 70,000h L70,B10 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finsh	Colour	Beam Angle	350mA Wattage	lm	lm/W	700mA Wattage	lm	lm/W
GL019 F NW	Stainless steel	4000K	38°	1W	100	100	2W	180	90
GL019 S NW	Stainless steel	4000K	12°	1W	100	100	2W	180	90
GL019 F WW	Stainless steel	3000K	38°	1W	90	90	2W	150	75
GL019 S WW	Stainless steel	3000K	12°	1W	90	90	2W	150	75
GL019 F 27	Stainless steel	2700K	38°	1W	80	80	2W	130	65
GL019 S 27	Stainless steel	2700K	12°	1W	80	80	2W	130	65
GL019 F AMBER	Stainless steel	Amber	38°	1W	20	20	2W	-	-
GL019 S AMBER	Stainless steel	Amber	12°	1W	20	20	2W	-	-
GL019 F BLUE	Stainless steel	Blue	38°	1W	10	10	2W	25	13
GL019 S BLUE	Stainless steel	Blue	12°	1W	10	10	2W	25	13
GL019 F GREEN	Stainless steel	Green	38°	1W	80	80	2W	120	60
GL019 S GREEN	Stainless steel	Green	12°	1W	80	80	2W	120	60
GL019 F RED	Stainless steel	Red	38°	1W	35	35	2W	-	-
GL019 S RED	Stainless steel	Red	12°	1W	35	35	2W	-	-
GL019AWBX30	Antique brass	3000K	38°	1W	90	90	2W	150	75
GL019ANBX30	Antique brass	3000K	12°	1W	90	90	2W	150	75
GL019AWBX27	Antique brass	2700K	38°	1W	80	80	2W	130	65
GL019ANBX27	Antique brass	2700K	12°	1W	80	80	2W	130	65
GL019BWBX40	Black	4000K	38°	1W	100	100	2W	180	90
GL019BNBX40	Black	4000K	12°	1W	100	100	2W	180	90
GL019BWBX30	Black	3000K	38°	1W	90	90	2W	150	75
GL019BNBX30	Black	3000K	12°	1W	90	90	2W	150	75
GL019BWBX27	Black	2700K	38°	1W	80	80	2W	130	65
GL019BNBX27	Black	2700K	12°	1W	80	80	2W	130	65
GL019BWBXBL	Black	Blue	38°	1W	10	10	2W	25	13
GL019BNBXBL	Black	Blue	12°	1W	10	10	2W	25	13

Coming soon

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø33mm
Construction material	Stainless steel (316) Antique brass: Brass Black: Anodised aluminium
Weight	Stainless steel: 204g Antique brass: 221g Black: 120g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

Can be powered by either 350mA or 700mA low voltage driver depending on required light output

Compact yet powerful fitting

Marine-grade stainless steel 316

Black versions are not walk-over rated

Robust cable for outdoor use

Shallow depth for easy installation

SIZE DIAGRAM

Ø40mm
41mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors	TUBE332	Installation tube

GL019 Ultra low glare
1W, 78lm mini ground light

UGR 10 | IP68 | IK07 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

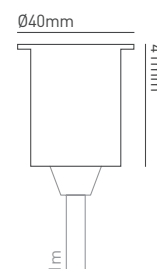| Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL019DMBL40	Stainless steel	1W	4000K	30°	68	68	125
GL019DNBL40	Stainless steel	1W	4000K	12°	78	78	2369
GL019DMBL30	Stainless steel	1W	3000K	30°	64	64	25
GL019DNBL30	Stainless steel	1W	3000K	12°	74	74	1324
GL019DMBL27	Stainless steel	1W	2700K	30°	60	60	24
GL019DNBL27	Stainless steel	1W	2700K	12°	70	70	1292
GL019AMBL30	Antique brass	1W	3000K	30°	64	64	25
GL019ANBL30	Antique brass	1W	3000K	12°	74	74	1324
GL019AMBL27	Antique brass	1W	2700K	30°	60	60	24
GL019ANBL27	Antique brass	1W	2700K	12°	70	70	1292
GL019BMBL40	Black	1W	4000K	30°	68	68	125
GL019BNBL40	Black	1W	4000K	12°	78	78	2369
GL019BMBL30	Black	1W	3000K	30°	64	64	25
GL019BNBL30	Black	1W	3000K	12°	74	74	1324
GL019BMBL27	Black	1W	2700K	30°	60	60	24
GL019BNBL27	Black	1W	2700K	12°	70	70	1292

Coming soon

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø33mm
Construction material	Stainless steel (316) Antique brass: Brass Black: Anodised aluminium
Weight	Stainless steel: 260g Antique brass: 282g Black: 141g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

- A stylish, baffled mini ground light
- Perfect for both interior and exterior applications
- Compliments environments with ultra low glare up-lighting effect
- Suitable for coastal areas
- Can also be powered by a 700mA low voltage driver if more light is needed
- Marine-grade stainless steel 316
- Black versions are not walk-over rated

SIZE DIAGRAM

Ø40mm
75mm
1m
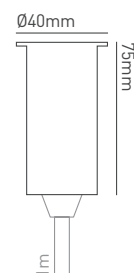
ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE332	Installation tube

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL019 Frosted
1W, 13lm frosted mini ground light

IP68 **IK07** **>80Ra** **70,000h** L70,B10 **3SDCM**

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL019DC0F40	Stainless steel	1W	4000K	100°	13	13	5
GL019DC0F30	Stainless steel	1W	3000K	100°	11	11	4
GL019DC0F27	Stainless steel	1W	2700K	100°	10	10	4
GL019DC0FBL	Stainless steel	1W	Blue	100°	2	2	0
GL019BC0F40	Black	1W	4000K	100°	13	13	5
GL019BC0F30	Black	1W	3000K	100°	11	11	4
GL019BC0F27	Black	1W	2700K	100°	10	10	4
GL019BC0FBL	Black	1W	Blue	100°	2	2	0

Coming soon

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø33mm
Construction material	Stainless steel (316) Black: Anodised aluminium
Weight	Stainless steel: 196g Black: 120g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

- Frosted effect for softer light
- Robust cable for outdoor use
- Shallow depth for easy installation
- Suitable for coastal areas
- Can be powered by a 700mA low voltage driver if more light is needed
- Marine-grade stainless steel 316
- Black versions are not walk-over rated

SIZE DIAGRAM

Ø40mm
41mm
1m
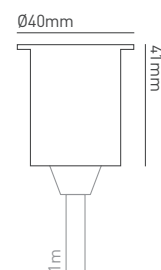
ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE332	Installation tube

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

Ground lights

GL019 LG
1W, 65lm mini low glare ground light

| UGR 10 | IP68 | IK07 | | >80Ra | 70,000h L70,B10 | 3SDCM | |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL019LGFNW	1W	4000K	30°	65	65	262
GL019LGSNW	1W	4000K	12°	65	65	908
GL019LGFWW	1W	3000K	30°	55	55	222
GL019LGSWW	1W	3000K	12°	55	55	768
GL019LGF27	1W	2700K	30°	53	53	214
GL019LGS27	1W	2700K	12°	53	53	740

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø33mm
Construction material	Stainless steel (316)
Weight	204g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

Marine-grade stainless steel 316

Can be powered by a 700mA low voltage driver if more light is needed

Compact yet powerful fitting

Shallow depth for easy installation

Robust cable for outdoor use

Built-in glare reducing honeycomb baffle

Suitable for coastal areas
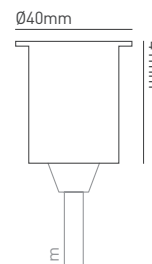
SIZE DIAGRAM

Ø40mm
41mm
1m

ACCESSORIES

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

GL019 SQ
Up to 2W, 130lm square mini ground light

| IP68 | IK07 | | >80Ra | 70,000h L70,B10 | 3SDCM | |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam Angle	350mA				700mA			
			Wattage	lm	lm/W	lx at 1m	Wattage	lm	lm/W	lx at 1m
GL019 SQ F NW	4000K	20°	1W	90	90	396	2W	130	65	572
GL019 SQ S NW	4000K	12°	1W	90	90	1833	2W	130	65	2648
GL019 SQ F WW	3000K	20°	1W	80	80	353	2W	125	63	551
GL019 SQ F BLUE	Blue	20°	1W	10	10	44	2W	20	10	88
GL019 SQ S BLUE	Blue	12°	1W	10	10	204	2W	20	10	407

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø33mm
Construction material	Stainless steel (316)
Weight	134g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

Marine-grade stainless steel 316

Can be powered by either a 350mA or 700ma low voltage driver depending on required light output

Shallow depth for easy installation

Square fascia for a different decorative effect

Suitable for coastal areas
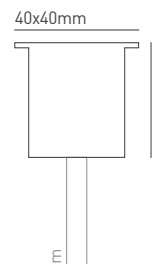
SIZE DIAGRAM

40x40mm
36mm
1m

ACCESSORIES

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

GL019 S T
Up to 2W, 130lm mini threaded ground light

IP68 · IK07 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam Angle	Wattage	lm	lm/W	lx at 1m	Wattage	lm	lm/W	lx at 1m
			350mA				700mA			
GL019 S T NW	4000K	12°	1W	90	90	1833	2W	130	65	2648
GL019 S T WW	3000K	12°	1W	80	80	1629	2W	125	63	2545
GL019 S T BLUE	Blue	12°	1W	10	10	204	2W	20	10	407

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø32mm
Construction material	Stainless steel (316)
Weight	140g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

Marine-grade stainless steel 316

Can be powered by either a 350mA or 700ma low voltage driver depending on required light output

Incorporated thread and nut for secure fitting into panels, walls or ceilings

Shallow depth for easy installation

Suitable coastal areas

SIZE DIAGRAM
Ø40mm · 36mm · 1m
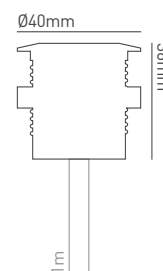
ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL019 S TK
Up to 2W, 130lm mini threaded kit ground light

IP68 · IK07 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam Angle	Wattage	lm	lm/W	lx at 1m	Wattage	lm	lm/W	lx at 1m
			350mA				700mA			
GL019 S TK NW	4000K	12°	1W	90	90	1833	2W	130	65	2648
GL019 S TK BLUE	Blue	12°	1W	10	10	204	2W	20	10	407

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø37mm
Construction material	Stainless steel (316)
Weight	304g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

Marine-grade stainless steel 316

Can be powered by either a 350mA or 700ma low voltage driver depending on required light output

Theft/vandal-proof. Threaded body fits securely into supplied aluminium tube using tightening key

Aluminium tube for secure installation in concrete or soft ground environments

Low profile waterproof ground light. Ideal for decking or by swimming pools

SIZE DIAGRAM
Ø40/37mm · 36/150mm · 1m
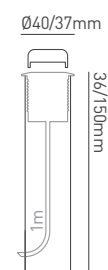
ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

Ground lights

GL016
1W, 95lm ground light

IP68 | IK09 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam Angle	Wattage (350mA)	lm	lm/W	lx at 1m	Wattage (700mA)	lm	lm/W	lx at 1m
GL016 F NW	Stainless steel	4000K	26°	1W	95	95	267	2W	140	70	393
GL016 F WW	Stainless steel	3000K	26°	1W	75	75	210	2W	135	68	379
GL016 F 27	Stainless steel	2700K	26°	1W	70	70	196	2W	120	60	337
GL016 F AMBER	Stainless steel	Amber	26°	1W	-	-	-	2W	-	-	-
GL016 F BLUE	Stainless steel	Blue	26°	1W	20	20	28	2W	20	10	56
GL016 F GREEN	Stainless steel	Green	26°	1W	75	75	211	2W	110	55	310
GL016 F RED	Stainless steel	Red	26°	1W	-	-	-	2W	-	-	-
GL016BMBX40	Black	4000K	26°	1W	95	95	267	2W	140	70	393
GL016BMBX30	Black	3000K	26°	1W	75	75	210	2W	135	68	379
GL016BMBX27	Black	2700K	26°	1W	70	70	196	2W	120	60	337
GL016BMBXBL	Black	Blue	26°	1W	20	20	28	2W	20	10	56

Coming soon (GL016BMBX40, GL016BMBX30, GL016BMBX27, GL016BMBXBL)

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø50mm
Construction material	Stainless steel (316) Black: Anodised aluminium
Weight	Stainless steel: 400g Black: 180g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

- Can be powered by either 350mA or 700mA low voltage driver, depending on required light output
- Robust cable for outdoor use
- Shallow depth for easy installation
- Suitable for coastal areas
- Black versions are not walk-over rated
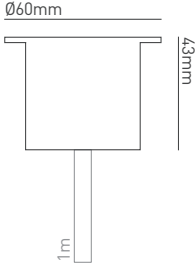
SIZE DIAGRAM

Ø60mm
43mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/50	Installation tube

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL016 F AB
1W, 95lm ground light

IP68 IK09 >80Ra 70,000h L70,B10 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam Angle	350mA Wattage	lm	lm/W	lx at 1m	700mA Wattage	lm	lm/W	lx at 1m
GL016 F AB NW	4000K	26°	1W	95	95	267	2W	140	70	393
GL016 F AB WW	3000K	26°	1W	75	75	210	2W	135	68	379
GL016 F AB 27	2700K	26°	1W	70	70	196	2W	120	60	337
GL016 F AB AMBER	Amber	26°	1W	-	-	-	2W	-	-	-
GL016 F AB BLUE	Blue	26°	1W	20	20	28	2W	20	10	56
GL016 F AB GREEN	Green	26°	1W	75	75	211	2W	110	55	310
GL016 F AB RED	Red	26°	1W	-	-	-	2W	-	-	-

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø50mm
Construction material	Brass
Weight	400g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

- Can be powered by either 350mA or 700mA low voltage driver, depending on required light output
- Robust cable for outdoor use
- Shallow depth for easy installation
- Solid brass for contemporary effect
- Suitable for coastal areas
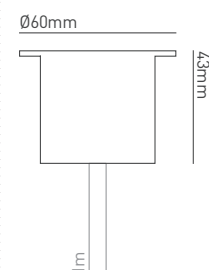
SIZE DIAGRAM

Ø60mm
43mm
1m

ACCESSORIES

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

GL016 SQ
1W, 95lm square ground light

IP68 IK09 >80Ra 70,000h L70,B10 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Colour	Beam Angle	350mA Wattage	lm	lm/W	lx at 1m	700mA Wattage	lm	lm/W	lx at 1m
GL016 SQ NW	4000K	26°	1W	95	95	267	2W	140	70	393
GL016 SQ WW	3000K	26°	1W	75	75	210	2W	135	68	379
GL016 SQ 27	2700K	26°	1W	70	70	196	2W	120	60	337
GL016 SQ BLUE	Blue	26°	1W	20	20	28	2W	20	10	56

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø50mm
Construction material	Stainless steel (316)
Weight	400g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

- Can be powered by either 350mA or 700mA low voltage driver, depending on required light output
- Robust cable for outdoor use
- Shallow depth for easy installation
- Suitable for coastal areas

SIZE DIAGRAM

60x60mm
43mm
1m

ACCESSORIES

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

Ground lights

GL016 Frosted
1W, 15lm ground marker light

IP68   IK09   >80Ra   70,000h L70,B10   3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL016DC0F40	Stainless steel	1W	4000K	100°	15	15	5
GL016DC0F30	Stainless steel	1W	3000K	100°	13	13	5
GL016DC0F27	Stainless steel	1W	2700K	100°	12	12	4
GL016BC0F40	Black	1W	4000K	100°	15	15	5
GL016BC0F30	Black	1W	3000K	100°	13	13	5
GL016BC0F27	Black	1W	2700K	100°	12	12	4

Coming soon (GL016BC0F40, GL016BC0F30, GL016BC0F27)
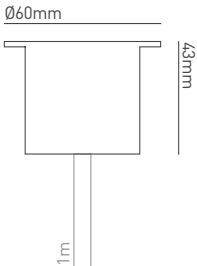
INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø50mm
Construction material	Stainless steel (316) Black: Anodised aluminium
Weight	Stainless steel: 400g Black: 180g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

Can be powered by a 700mA driver if more light is needed

Marine grade stainless steel 316

Black versions are not walk-over rated

Frosted effect for softer light

Robust cable for outdoor use

Shallow depth for easy installation

Suitable for coastal areas

SIZE DIAGRAM

Ø60mm
43mm
1m

ACCESSORIES

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

GL063

3W, 45lm 3 way ground light

(IP67) (IK10) (~~~↑) (>80Ra) (70,000h L70,B10) (3SDCM)

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL063	3W	3000K	-	45	15	9
GL063 27	3W	2700K	-	44	15	9

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut-out size	Ø55mm
Construction material	Cast stainless steel (316)
Weight	1.165kg
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Cast stainless steel for aged effect

Raised profile sending light in three directions

Suitable for coastal areas

SIZE DIAGRAM

90x90mm
27mm
62mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube

WCR 275 BLACK	2-core rubber cable

GL064

4W, 65lm 4 way marker light

(IP67) (IK10) (~~~↑) (>80Ra) (70,000h L70,B10) (3SDCM)

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL064	4W	3000K	-	65	16	9
GL064 27	4W	2700K	-	63	16	9

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut-out size	Ø55mm
Construction material	Cast stainless steel (316)
Weight	1.165kg
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Cast stainless steel for aged effect

Raised profile sending light in four directions

Suitable for coastal areas
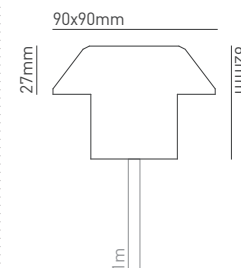
SIZE DIAGRAM

90x90mm
27mm
62mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube

WCR 275 BLACK	2-core rubber cable

GL100

Up to 2W, 14lm mini domed marker ground light

IP68 | **IK07** | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

Stainless steel

Antique Brass
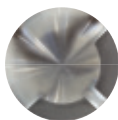
1 way

2 ways 1 direction

2 ways 2 directions

3 ways

4 ways

PHOTOMETRICS @ 25°C

Product Code	Finish	Window Style	Colour	Beam Angle	Wattage (350mA)	lm	lm/W	Wattage (700mA)	lm	lm/W
GL100DX1X40	Stainless steel	1 way	4000K	75°	1W	3	3	2W	4	2
GL100DX1X30	Stainless steel	1 way	3000K	75°	1W	2	2	2W	4	2
GL100DX1X27	Stainless steel	1 way	2700K	75°	1W	2	2	2W	3	2
GL100DX2140	Stainless steel	2 ways 1 direction	4000K	75°	1W	6	6	2W	7	4
GL100DX2130	Stainless steel	2 ways 1 direction	3000K	75°	1W	4	4	2W	8	4
GL100DX2127	Stainless steel	2 ways 1 direction	2700K	75°	1W	4	4	2W	6	3
GL100DX2240	Stainless steel	2 ways 2 directions	4000K	75°	1W	6	6	2W	7	4
GL100DX2230	Stainless steel	2 ways 2 directions	3000K	75°	1W	4	4	2W	8	4
GL100DX2227	Stainless steel	2 ways 2 directions	2700K	75°	1W	4	4	2W	6	3
GL100DX3X40	Stainless steel	3 ways	4000K	75°	1W	9	9	2W	11	5
GL100DX3X30	Stainless steel	3 ways	3000K	75°	1W	6	6	2W	12	6
GL100DX3X27	Stainless steel	3 ways	2700K	75°	1W	6	6	2W	9	5
GL100DX4X40	Stainless steel	4 ways	4000K	75°	1W	12	12	2W	14	7
GL100DX4X30	Stainless steel	4 ways	3000K	75°	1W	8	8	2W	14	7
GL100DX4X27	Stainless steel	4 ways	2700K	75°	1W	8	8	2W	12	6
GL100AX1X30	Antique brass	1 way	3000K	75°	1W	2	2	2W	4	2
GL100AX1X27	Antique brass	1 way	2700K	75°	1W	2	2	2W	3	2
GL100AX2130	Antique brass	2 ways 1 direction	3000K	75°	1W	4	4	2W	8	4
GL100AX2127	Antique brass	2 ways 1 direction	2700K	75°	1W	4	4	2W	6	3
GL100AX2230	Antique brass	2 ways 2 directions	3000K	75°	1W	4	4	2W	8	4
GL100AX2227	Antique brass	2 ways 2 directions	2700K	75°	1W	4	4	2W	6	3
GL100AX3X30	Antique brass	3 ways	3000K	75°	1W	6	6	2W	12	6
GL100AX3X27	Antique brass	3 ways	2700K	75°	1W	6	6	2W	9	5
GL100AX4X30	Antique brass	4 ways	3000K	75°	1W	8	8	2W	14	7
GL100AX4X27	Antique brass	4 ways	2700K	75°	1W	8	8	2W	12	6

INSTALLATION INFORMATION

|	
Input	350mA / 700mA
Dimmable	Requires driver
Cut-out size	Ø33mm
Construction material	Stainless steel (316) Antique brass: Brass
Weight	Stainless steel: 221g (1 window) 218g (2 windows) 215g (3 windows) 212g (4 windows) Antique brass: 236g (1 window) 231g (2 windows) 228g (3 windows) 223g (4 windows)
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Can be powered by either a 350mA or 700mA driver, depending on desired light output
- Marine-grade Stainless Steel 316
- Walk over - perfect for foot traffic areas such as paths and steps
- Long-lifetime of 70,000hrs
- Low power consumption of 2W max.
- up to 18kN (approx. 7 ton vehicle)
- Suitable for coastal areas
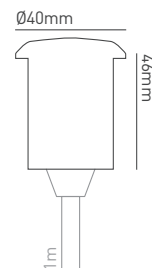
SIZE DIAGRAM

Ø40mm
46mm
1m

ACCESSORIES

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

GL200

5.7W, 40lm, domed ground light

Guarantee / Warranty: 7 year extended warranty available

IP67 · IK10 · >80Ra · 70,000h L70,B10 · 3SDCM

1 way

2 ways 1 direction

2 ways 2 directions

3 ways

4 ways

PHOTOMETRICS @ 25°C

Product Code	Window Style	Finish	Wattage	Colour	Beam Angle	lm	lm/W
GL200DX1X30	1 way	Stainless steel	5.7W	3000K	90°	10	2
GL200DX1X27	1 way	Stainless steel	5.7W	2700K	90°	10	2
GL200DX1X40	1 way	Stainless steel	5.7W	4000K	90°	10	2
GL200DX1X30	1 way	Stainless steel	5.7W	3000K	90°	10	2
GL200DX1X27	1 way	Stainless steel	5.7W	2700K	90°	10	2
GL200DX2140	2 ways 1 direction	Stainless steel	5.7W	4000K	90°	20	4
GL200DX2130	2 ways 1 direction	Stainless steel	5.7W	3000K	90°	20	4
GL200DX2127	2 ways 1 direction	Stainless steel	5.7W	2700K	90°	20	4
GL200DX2240	2 ways 2 directions	Stainless steel	5.7W	4000K	90°	20	4
GL200DX2230	2 ways 2 directions	Stainless steel	5.7W	3000K	90°	20	4
GL200DX2227	2 ways 2 directions	Stainless steel	5.7W	2700K	90°	20	4
GL200DX3X40	3 ways	Stainless steel	5.7W	4000K	90°	30	5
GL200DX3X30	3 ways	Stainless steel	5.7W	3000K	90°	30	5
GL200DX3X27	3 ways	Stainless steel	5.7W	2700K	90°	30	5
GL200DX4X40	4 ways	Stainless steel	5.7W	4000K	90°	40	7
GL200DX4X30	4 ways	Stainless steel	5.7W	3000K	90°	40	7
GL200DX4X27	4 ways	Stainless steel	5.7W	2700K	90°	40	7
GL200AX1X30	1 way	Antique brass	5.7W	3000K	90°	10	2
GL200AX1X27	1 way	Antique brass	5.7W	2700K	90°	10	2
GL200AX2130	2 ways 1 direction	Antique brass	5.7W	3000K	90°	20	4
GL200AX2127	2 ways 1 direction	Antique brass	5.7W	2700K	90°	20	4
GL200AX2230	2 ways 2 directions	Antique brass	5.7W	3000K	90°	20	4
GL200AX2227	2 ways 2 directions	Antique brass	5.7W	2700K	90°	20	4
GL200AX3X30	3 ways	Antique brass	5.7W	3000K	90°	30	5
GL200AX3X27	3 ways	Antique brass	5.7W	2700K	90°	30	5
GL200AX4X30	4 ways	Antique brass	5.7W	3000K	90°	40	7
GL200AX4X27	4 ways	Antique brass	5.7W	2700K	90°	40	7

Coming soon (GL200AX range)

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø65mm
Inrush current	31A 0.12ms
Construction material	Stainless steel (316) Antique brass: Brass
Weight	Stainless steel: 960g (1 window) 950g (2 windows) 940g (3 windows) 910g (4 windows) Antique brass: 1040g (1 window) 1029g (2 windows) 1018g (3 windows) 986g (4 windows)
Class	Class I
Max. ambient temperature	35°C

BENEFITS

- Marine-grade Stainless Steel 316
- Long-lifetime of 70,000hrs
- Straight to mains
- Drive over - suitable for use on driveways (with TUBE/68)
- 5 window styles and colour temperatures to suit any installation
- Suitable for coastal areas

SIZE DIAGRAM

Ø76mm
72.5mm
3m
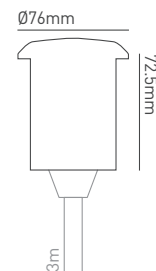
ACCESSORIES

JB5	Gel filled waterproof connector
TUBE/68	Installation tube
WC 5-9	Quick waterproof connector
GLA01	Ground light accessory, square plate, stainless steel 316

Ground lights

GL050

3W, 50lm marker ground light

IP68 · IK08 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL050 NW	3W	4000K	100°	50	17	20
GL050 WW	3W	3000K	100°	46	15	16
GL050 27	3W	2700K	100°	46	15	16
GL050 BLUE	3W	Blue	100°	95	95	267

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut-out size	Ø65mm
Construction material	Stainless steel (316)
Weight	552g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Frosted effect for softer tone of light

Robust cable for outdoor use

Brushed steel finish for sleek effect

Suitable for coastal areas

SIZE DIAGRAM

Ø76mm

47mm

1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube
GLA01	Ground light accessory, square plate, stainless steel 316

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL051

3W, 50lm square marker ground light

IP68 · IK08 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL051 NW	3W	4000K	100°	50	17	20
GL051 WW	3W	3000K	100°	46	15	16
GL050 BLUE	3W	Blue	100°	95	95	267

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut-out size	Ø65mm
Construction material	Stainless steel (316)
Weight	600g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Frosted effect for softer tone of light

Robust cable for outdoor use

Brushed steel finish for sleek effect

Suitable for coastal areas

SIZE DIAGRAM

76x76mm

47mm

1m
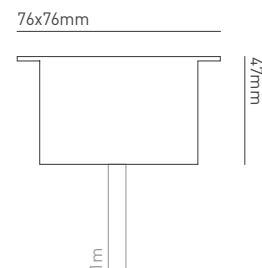
ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/68	Installation tube

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL018 C
0.5W, 3lm mini marker ground light

IP68 IK07 >80Ra 30,000h 3SDCM

Guarantee / Warranty: 3 year guarantee I GL018 C WW / GL018 C 27: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Wattage	Beam Angle	lm	lm/W	lx at 1m
GL018 C NW	0.5W	4000K	0.5W	120°	3	6	1
GL018 C WW **NEW**	0.4W	3000K	0.4W	120°	4	10	1
GL018 C 27 **NEW**	0.4W	2700K	0.4W	120°	4	10	1
GL018 C AMBER	0.5W	Amber	0.5W	120°	-	-	-
GL018 C BLUE	0.5W	Blue	0.5W	120°	1	2	1
GL018 C GREEN	0.5W	Green	0.5W	120°	-	-	-
GL018 C RED	0.5W	Red	0.5W	120°	-	-	-

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Cut-out size	Ø28mm
Construction material	Stainless steel (316)
Weight	300g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Frosted effect for softer tone of light

Low profile for easy installation

Robust cable for outdoor use

Parallel wiring for easier installation and more fittings to a power supply
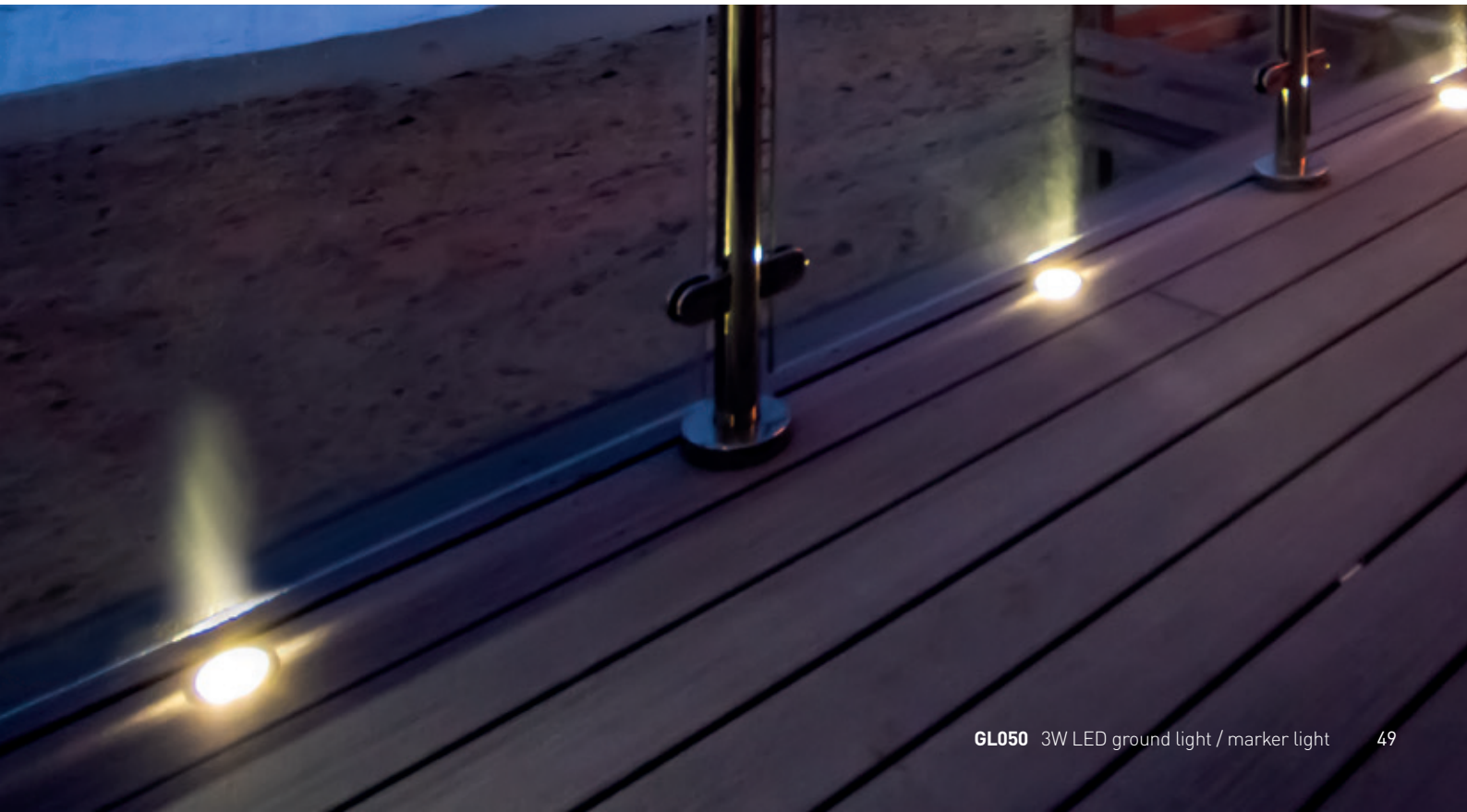
Suitable for coastal areas

SIZE DIAGRAM

Ø36mm
37mm
Ø36mm
1m

ACCESSORIES

JB1 / JB5 / JB6	IP68 waterproof connectors
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

PDCINT1-10V	1-10V dimming interface for use with 24 LED drivers

GL018 SQ

0.5W, 3lm square mini marker ground light

IP68   IK07   >80Ra   30,000h   3SDCM

Guarantee / Warranty: 3 year guarantee I GL018 SQ NW: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL018 SQ NW **NEW**	0.4W	4000K	120°	4	10	1
GL018 SQ WW	0.5W	3000K	120°	3	6	1
GL018 SQ BLUE	0.5W	Blue	120°	-	-	-

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Cut-out size	Ø28mm
Construction material	Stainless steel (316)
Weight	300g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Frosted effect for softer tone of light

Low profile for easy installation

Robust cable for outdoor use

Square fascia for a different decorative effect

Parallel wiring for easier installation and more fittings to a power supply

Suitable for coastal areas

SIZE DIAGRAM

36x36mm
37mm
1m
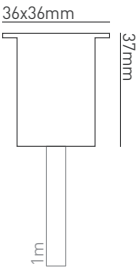
ACCESSORIES

JB1 / JB4 / JB6	IP68 waterproof connectors
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

PDCINT1-10V	1-10V dimming interface for use with 24 LED drivers

GL018 C AB

0.5W, 3lm mini marker ground light

| IP68 | IK07 | 〰 | >80Ra | 30,000h | 3SDCM | 👣 |

Guarantee / Warranty: 3 year guarantee I GL018 AB WW: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL018 C AB NW	0.5W	4000K	120°	3	6	1
GL018 C AB WW **NEW**	0.4W	3000K	120°	4	10	1
GL018 C AB 27	0.5W	2700K	120°	3	6	1
GL018 C AB AMBER	0.5W	Amber	120°	-	-	-
GL018 C AB BLUE	0.5W	Blue	120°	-	-	-
GL018 C AB GREEN	0.5W	Green	120°	-	-	-
GL018 C AB RED	0.5W	Red	120°	-	-	-

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Cut-out size	Ø28mm
Construction material	Brass
Weight	300g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Frosted effect for softer tone of light

Robust cable for outdoor use

Shallow depth for easy installation

Solid brass for antique effect

Parallel wiring for easier installation and more fittings to a power supply

Suitable for coastal areas

SIZE DIAGRAM

Ø36mm
37mm
1m
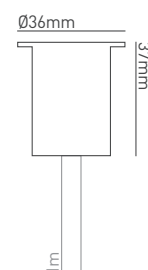
ACCESSORIES

JB1 / JB4 / JB6	IP68 waterproof connectors
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

PDCINT1-10V	1-10V dimming interface for use with 24 LED drivers

GL018 T

0.5W, 3lm panel mount marker ground light

| IP68 | IK07 | 〰 | >80Ra | 30,000h | 3SDCM | 👣 |

Guarantee / Warranty: 3 year guarantee

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL018 T NW	0.5W	4000K	120°	3	6	1
GL018 T BLUE	0.5W	Blue	120°	-	-	-

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Cut-out size	Ø28mm
Construction material	Stainless steel (316)
Weight	300g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Frosted effect for softer tone of light

Incorporated thread and nut for secure fitting into panels, walls or ceilings

Robust cable for outdoor use

Parallel wiring for easier installation and more fittings to a power supply

Suitable for coastal areas

SIZE DIAGRAM

Ø36mm
37mm
1m
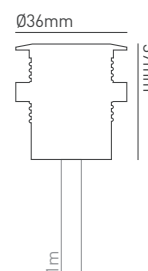
ACCESSORIES

JB1 / JB4 / JB6	IP68 waterproof connectors
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

PDCINT1-10V	1-10V dimming interface for use with 24 LED drivers

Step lights.

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

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

Step lighting.
Functional and decorative

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

Functional step lighting

Using lighting to highlight steps improves visual aesthetics and enhances safety, whilst adding an inviting glow to your space.

Considerations should be made for maintenance and glare when positioning lighting, ensuring ultimate visual appeal and added security knowing the walkway is correctly lit.

Low glare step lighting

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

Hooded

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

Asymmetric

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

Decorative step lighting

Step lights can be used to enhance your landscape, to amplify your overall lighting when entertaining and for commercial exterior lighting. Linking people and spaces together, highlighting steps can make a real difference.

Choose Collingwood's range of decorative step lighting which emit light from a decorative face-plate to transform your overall lighting design.

Round and square fittings

Choose between round and square fittings to achieve the ideal style for your installation.
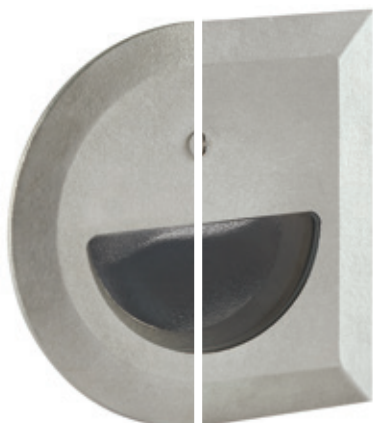
Highlight features as a ground light

The asymmetric beam of step lights makes them great for using as a ground light that directs its light onto a feature.
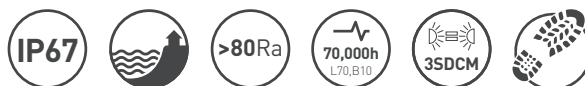
WL339

Asymmetric, straight to mains, cast steel step light

IP67 | | **>80**Ra | **70,000h** L70,B10 | **3SDCM** |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL339NW	2.6W	4000K	50°	59	22	65
WL339WW	2.6W	3000K	50°	50	19	54

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø80mm
Inrush current	9A 0.8ms
Construction material	Stainless steel (316)
Weight	1000g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

- Recessed, asymmetric wall or ground light perfect for illuminating walls, steps and pathways
- Rustic cast finish
- Straight to mains for easy retrofit
- Installation tube included
- Suitable for coastal areas

SIZE DIAGRAM

Ø98mm
58/190mm
1m

ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector

WL340

Asymmetric, straight to mains, step light

IP67 | | **>80**Ra | **70,000h** L70,B10 | **3SDCM** |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL340NW	Stainless steel	2.6W	4000K	50°	59	22	65
WL340WW	Stainless steel	2.6W	3000K	50°	50	19	54
WL340ABWW	Antique brass	2.6W	3000K	50°	50	19	54
WL340AB27	Antique brass	2.6W	3000K	50°	49	19	52

Coming soon

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø80mm
Inrush current	9A 0.8ms
Construction material	Stainless steel (316) Antique brass: Brass
Weight	Stainless steel: 1000g Antique brass: 1083g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

- Recessed, asymmetric wall or ground light perfect for illuminating walls, steps and pathways
- Sleek brushed finish
- Straight to mains for easy retrofit
- Installation tube included
- Suitable for coastal areas

SIZE DIAGRAM

Ø98mm
58/190mm
1m
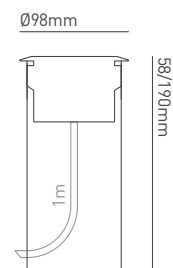
ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector

WL341

Asymmetric, straight to mains, cast steel step light

IP67 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL341NW	2.6W	4000K	50°	59	22	65
WL341WW	2.6W	3000K	50°	50	19	54

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø80mm
Inrush current	9A 0.8ms
Construction material	Stainless steel (316)
Weight	1000g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

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

Rustic cast finish

Straight to mains for easy installation

Installation tube included

Suitable for coastal areas

SIZE DIAGRAM

98x98mm
58/190mm
1m

ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector

WL342

Asymmetric, straight to mains, step light

IP67 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL342NW	Stainless steel	2.6W	4000K	50°	59	22	65
WL342WW	Stainless steel	2.6W	3000K	50°	50	19	54
WL34227	Stainless steel	2.6W	2700K	50°	49	19	52
WL342AB30	Antique brass	2.6W	3000K	50°	50	19	54
WL342AB27	Antique brass	2.6W	2700K	50°	49	19	52

Coming soon

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø80mm
Inrush current	9A 0.8ms
Construction material	Stainless steel (316) Antique brass: Brass
Weight	Stainless steel: 1000g Antique brass: 1300g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

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

Sleek brushed finish

Straight to mains for easy installation

Installation tube included

Suitable for coastal areas

SIZE DIAGRAM

98x98mm
58/190mm
1m
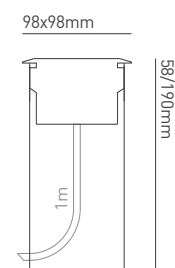
ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector

Step lights

GL021
30° slotted LED step light

IP68 · IK07 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL021 NW	1W	4000K	30°	10	10	10
GL021 WW	1W	3000K	30°	8	8	8
GL021 27	1W	2700K	30°	8	8	7
GL021 BLUE	1W	Blue	30°	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut-out size	Ø50mm
Construction material	Stainless steel (316)
Weight	400g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Angled light ideal for use as a step light

Robust cable for outdoor use

Brushed stainless steel for sleek effect

Suitable for coastal areas
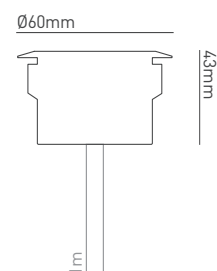
SIZE DIAGRAM

Ø60mm
43mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/50	Installation tube

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL022
Square 30° slotted LED step light

IP68 · IK07 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL022 NW	1W	4000K	30°	10	10	10
GL022 WW	1W	3000K	30°	8	8	8
GL022 27	1W	2700K	30°	8	8	7
GL022 BLUE	1W	Blue	30°	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut-out size	Ø50mm
Construction material	Stainless steel (316)
Weight	400g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Angled light ideal for use as a step light

Cast stainless steel for aged effect

Robust cable for outdoor use
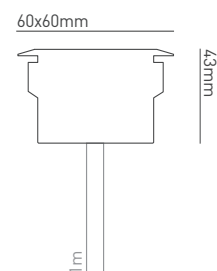
Suitable for coastal areas

SIZE DIAGRAM

60x60mm
43mm
1m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof connectors
TUBE/50	Installation tube

WCR 275 BLACK	2-core rubber cable
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

GL034

Straight to mains hooded LED wall / ground light
with single point source lens

IP67 | IK08 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL034DWBM40	2.9W	4000K	40°	190	66	357
GL034DWBM30	2.9W	3000K	40°	180	62	338
GL034DWBM27	2.9W	2700K	40°	170	59	320

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Cut-out size	Ø80-85mm
Inrush current	60A 0.037ms
Construction material	Stainless steel (316) (top) / Aluminium (body)
Weight	724g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

Recessed light for wall or ground mounting with built-in hood to minimise glare

Marine grade stainless steel 316

Straight to mains for easy installation and retrofitting

Modern look and feel with single LED

Suitable for coastal areas
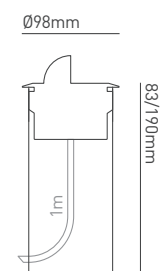
SIZE DIAGRAM

Ø98mm

83/190mm

1m

ACCESSORIES

Installation tube	Included
JB5	Gel filled waterproof connector

WC 5-9	Quick waterproof connector

Wall lights.

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

Graze walls with floods of light, pick out particular features with directional lighting, or produce large blades of decorative lighting. Add low glare hoods and snoots for even more control over the direction and impact of the light. Our wall lights come in premium finishes, including solid copper, to look great and stand the test of time (and the elements) outside. The straight to mains options are easy to install and can be added to your scheme at any time. These come with heat shrink joints, perfect for outdoor installation. Separate bases make mounting even easier.

Wall lights.

To create secure and adventurous spaces

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

Choose your effect and how to create it

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

Choose your effect:

Create it using:

WL070

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

WL075

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

MC050

This product perfectly combines practicality and drama. The wide-angle, downwards beam lights a broad area, while the narrow flume of uplight creates visual interest and a touch of glamour.

MC040

This clean and contemporary fitting provides a broad spread of light, which is great for lighting the threshold of any doorway. This product is also useful for providing general illumination and highlighting plant features.

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.

▶ Check out our wall light comparison video on the Collingwood Lighting YouTube channel or call 01604 495 151 to speak to our design team.

Premium finishes

Available in a range of stylish finishes such as anodised aluminium and copper, our powerful WL220 wall lights also sport an attractive single point source LED, maximising the look and feel of the luminaires without compromising on performance.
Alongside our ultra-premium solid copper finish, we've updated our range to include stainless steel 316 and bronze anodised aluminium, 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
WL175A	WL220	WL041IP

WL012

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

WL013

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

WL014

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

WL015

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

Height of wall lights

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

1650mm
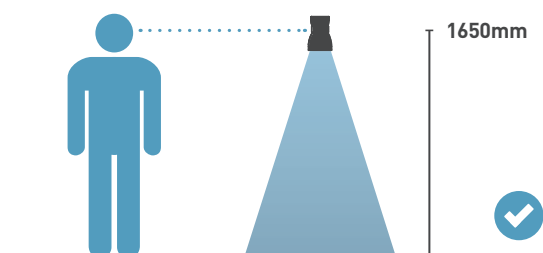
Light positioning

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.

WL070
Straight to mains up / down LED wall light

IP65 **>80Ra** **70,000h** L70,B10 **3SDCM**

Guarantee / Warranty: 7 year extended warranty available

Silver

Black

Copper

Bronze

PHOTOMETRICS @ 25°C

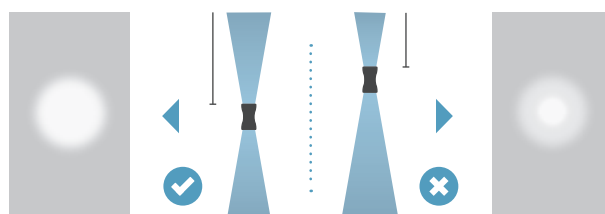| Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL070BNBM40	Black	5.1W	4000K	12°	560* / 280†	110	3455 / 1727
WL070BNBM30	Black	5.1W	3000K	12°	550* / 275†	108	3394 / 1697
WL070BNBM27	Black	5.1W	2700K	12°	510*/ 255†	100	3147 / 1573
WL070ZNBM40	Bronze	5.1W	4000K	12°	560*/ 280†	110	3455 / 1727
WL070ZNBM30	Bronze	5.1W	3000K	12°	550* / 275†	108	3394 / 1697
WL070ZNBM27	Bronze	5.1W	2700K	12°	510* / 255†	100	3147 / 1573
WL070CNBM30	Copper	5.1W	3000K	12°	550* / 275†	108	3394 / 1697
WL070CNBM27	Copper	5.1W	2700K	12°	510* / 255†	100	3147 / 1573
WL070SNBM40	Silver	5.1W	4000K	12°	560* / 280†	110	3455 / 1727
WL070SNBM30	Silver	5.1W	3000K	12°	550* / 275†	108	3394 / 1697
WL070SNBM27	Silver	5.1W	2700K	12°	510* / 255†	100	3147 / 1573

*Combined total from both sets of LED | †Per module

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	60A 0.037ms
Construction material	Silver, Black & Bronze: anodised aluminium Copper: solid copper
Weight	Silver: 900g Black: 900g Bronze: 900g Copper: 2500g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

Bi-directional, straight to mains wall light, perfect for framing entrances and illuminating columns

Long lifetime of 70,000 hours

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

Suitable for coastal areas

SIZE DIAGRAM

128mm
60mm
120mm
Ø80mm
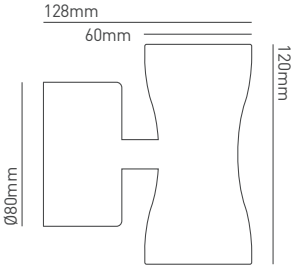
ACCESSORIES

N/A	No accessories required

WL060 | WL160

Straight to mains LED halo / flood wall light

(IP65)   >80Ra   70,000h L70,B10   3SDCM

Guarantee / Warranty: 7 year extended warranty available

Silver

Black

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL160 NW	Black	2.6W	4000K	110°	82	32	46
WL160 WW	Black	2.6W	3000K	110°	58	22	26
WL160 27	Black	2.6W	2700K	110°	56	22	25
WL060 NW	Silver	2.6W	4000K	110°	82	32	46
WL060 WW	Silver	2.6W	3000K	110°	58	22	26
WL060 27	Silver	2.6W	2700K	110°	56	22	25

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	9A 0.8ms
Construction material	Anodised aluminium
Weight	600g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

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

Straight to mains

Complete with wall fixings and waterproof crimp connectors

Suitable for coastal areas

SIZE DIAGRAM

115mm

130mm

Ø80mm
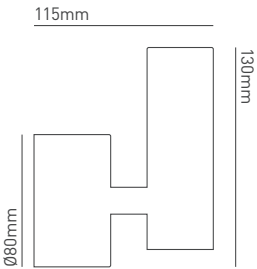
ACCESSORIES

N/A	No accessories required

WL075

Straight to mains, high output LED wall light

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

Silver

Black

Bronze

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL075BNBM40	Black	5.7W	4000K	12°	530	93	2843
WL075BNBM30	Black	5.7W	3000K	12°	520	91	2789
WL075BNBM27	Black	5.7W	2700K	12°	515	90	2763
WL075ZNBM40	Bronze	5.7W	4000K	12°	530	93	2843
WL075ZNBM30	Bronze	5.7W	3000K	12°	520	91	2789
WL075ZNBM27	Bronze	5.7W	2700K	12°	515	90	2763
WL075SNBM40	Silver	5.7W	4000K	12°	530	93	2843
WL075SNBM30	Silver	5.7W	3000K	12°	520	91	2789
WL075SNBM27	Silver	5.7W	2700K	12°	515	90	2763

INSTALLATION INFORMATION

|	
Input	Mains AC
Dimmable	No
Inrush current	15A 0.5ms
Construction material	Anodised aluminium
Weight	1200g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

High output, narrow beam wall light perfect for creating a high contrast lit effect

Complete with wall fixings and waterproof crimp connectors

Long lifetime of 70,000 hours

Suitable for coastal areas

SIZE DIAGRAM

144mm
80mm
Ø80mm
104mm
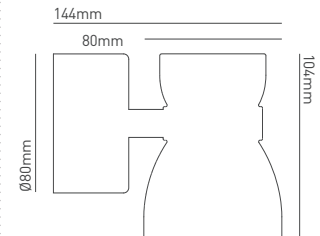
ACCESSORIES

N/A	No accessories required

WL012

IP54, 610lm straight to mains wall light

IP54 | >80Ra | 30,000h L70,B10 | <5SDCM

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL012G30	Grey	11W	3000K	338°	610	55	71
WL012X30	Black	11W	3000K	338°	610	55	71

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	20A 0.5ms
Construction material	Anodised aluminium
Weight	1000g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

Ideal for doorways and entrances
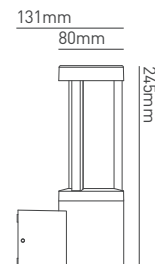
Straight to mains screw terminals

Withstand rain with an IP54 rating

360° beam angle for a wide even light spread

Comes with rubber grommet, to stop any water going into the terminals

Supplied with a bracket for easy install

SIZE DIAGRAM

131mm
80mm
245mm

ACCESSORIES

N/A	No accessories required

WL013

IP65, 390lm up / down wall light

IP65 >80Ra 30,000h L70,B10 <6SDCM

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL013G30	Grey	6.5W	3000K	107° / 91°	390	60	99
WL013X30	Black	6.5W	3000K	107° / 91°	390	60	99

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	20A 0.5ms
Construction material	Anodised aluminium
Weight	467g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

- Ideal for doorways and entrances
- 107° up and 91° down beam angles
- Straight to mains screw terminals
- Contemporary look and feel with matt black finish
- IP65 rating making it perfect for all weather conditions
- Comes with rubber grommet, to stop any water going into the terminals
- Supplied with a bracket for easy install

SIZE DIAGRAM

90mm   51.5mm   36.5mm   150mm
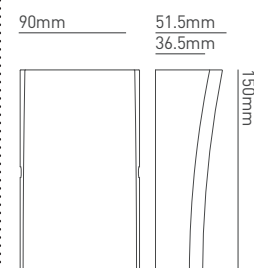
ACCESSORIES

N/A	No accessories required

WL014

IP54, 350lm cone up / down wall light

IP54 >80Ra 30,000h L70,B10 <6SDCM

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL014G30	Grey	5.7W	3000K	22° / 26°	350	61	1061
WL014X30	Black	5.7W	3000K	22° / 26°	350	61	1061

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	20A 0.5ms
Construction material	Anodised aluminium
Weight	750g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

- Ideal for doorways and entrances
- Narrow upper beam angle and wider lower beam angle
- Straight to mains screw terminals
- Contemporary look and feel with matt black finish
- Withstand rain with an IP54 rating
- Comes with rubber grommet, to stop any water going into the terminals
- Supplied with a bracket for easy install

SIZE DIAGRAM

140mm   100mm   170mm
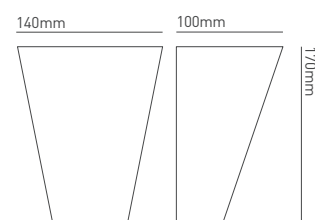
ACCESSORIES

N/A	No accessories required

WL015

IP65, 1000lm up / down wall light

IP65 >80Ra 30,000h L70,B10 <6SDCM

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL015G30	Grey	13W	3000K	88°	1000	77	362
WL015X30	Black	13W	3000K	88°	1000	77	362

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	20A 0.5ms
Construction material	Anodised aluminium
Weight	800g
Class	Class I
Max. ambient temperature	40°C

BENEFITS

- Ideal for doorways and entrances
- 88° up/down beam angle
- Straight to mains screw terminals
- Contemporary look and feel with matt black finish
- IP65 rating making it perfect for all weather conditions
- Comes with rubber grommet, to stop any water going into the terminals
- Supplied with a bracket for easy install

SIZE DIAGRAM

100mm 65mm 160mm
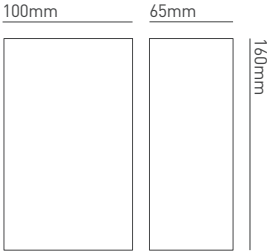
ACCESSORIES

N/A	No accessories required

WL041IP

Straight to mains, fan effect LED wall light

IP65 >80Ra 70,000h L70,B10 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	lm	lm/W	lx at 1m
WL041 IP NW	1.6W	4000K	37	23	8
WL041 IP WW	1.6W	3000K	33	21	6
WL041 IP AMBER	1.6W	Amber	-	-	-
WL041 IP BLUE	1.6W	Blue	-	-	-

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	9A 0.8ms
Construction material	Anodised aluminium
Weight	300g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

- Unique radial appearance creates a decorative lit effect on surrounding surfaces
- Can be used for interior and exterior applications
- Straight to mains for easy installation
- Complete with bracket and waterproof crimp connectors
- Suitable for coastal areas

SIZE DIAGRAM

60mm Ø90mm
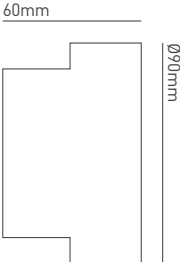
ACCESSORIES

N/A	No accessories required

WL220 Mains
Straight to mains adjustable LED wall light

| IP65 | | >80Ra | 70,000h L70,B10 | 3SDCM | 330° | 90° |

Guarantee / Warranty: 7 year extended warranty available

Black

Copper

Stainless Steel

Bronze

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL220ZWBM40	Bronze	5.7W	4000K	40°	530	93	1205
WL220ZWBM30	Bronze	5.7W	3000K	40°	520	91	1182
WL220ZWBM27	Bronze	5.7W	2700K	40°	515	90	1171
WL220BWBM40	Black	5.7W	4000K	40°	530	93	1205
WL220BWBM30	Black	5.7W	3000K	40°	520	91	1182
WL220BWBM27	Black	5.7W	2700K	40°	515	90	1171
WL220DWBM40	Stainless steel	5.7W	4000K	40°	530	93	1205
WL220DWBM30	Stainless steel	5.7W	3000K	40°	520	91	1182
WL220DWBM27	Stainless steel	5.7W	2700K	40°	515	90	1171
WL220CWBM27	Copper	5.7W	2700K	40°	515	90	1171

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	9A 0.037ms
Construction material	Black & Bronze: anodised aluminium Copper: solid copper Stainless steel: stainless steel (316)
Weight	Black: 500g Bronze: 500g Copper: 1200g Stainless steel: 1100g
Class	Class I
Max. ambient temperature	50°C

BENEFITS

- Straight to mains
- High efficacy - up to 93lm/W
- Single LED and lens combination for maximum efficiency and optimal light distribution
- A range of finishes to suit different installation styles and preferences
- Suitable for coastal areas

SIZE DIAGRAM

145mm

Ø80mm
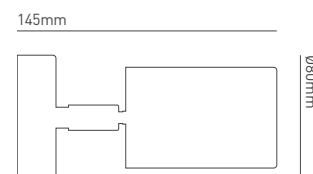
ACCESSORIES

GH220B	Black Hood	GS220B	Black Snoot
GH220D	Stainless steel (316) Hood	GS220D	Stainless steel (316) Snoot
GH220Z	Bronze Hood	GS220Z	Bronze Snoot

OCTOLED
Rotatable, octagonal LED wall light

IP65 · · **>80Ra** · **70,000h** L70,B10 · **3SDCM** · **350°**

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
OCTOLEDNW	Silver	4W	4000K	12°	280	70	1485
OCTOLEDWW	Silver	4W	3000K	12°	220	55	1466

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Construction material	Anodised aluminium
Weight	700g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Grazes light across the surrounding surface in four directions to create a decorative lit effect

Can be rotated to direct light in desired direction

Complete with wall fixings

Suitable for coastal areas

SIZE DIAGRAM

38mm
Ø100mm
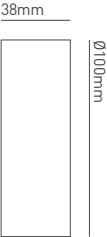
ACCESSORIES

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

MC040
Straight to mains LED wall light

IP65 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
MC040 NW	Silver	5W	4000K	110°	312	62	163
MC040 WW	Silver	5W	3000K	110°	243	48	118

*Available on request, please call our team for lead times and MOQ on 01604 495 151

INSTALLATION INFORMATION

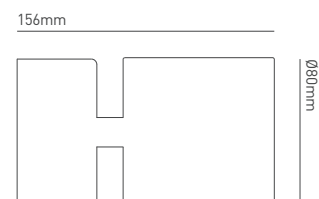|	
Input	Mains AC
Dimmable	No
Inrush current	9A 0.8ms
Construction material	Anodised aluminium
Weight	900g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

Complete with wall fixings and waterproof crimp connectors

Wide beam angle is perfect for framing entrances and offering functional illumination

Suitable for coastal areas

SIZE DIAGRAM

156mm
Ø80mm

ACCESSORIES

N/A	No accessories required

MC050
Straight to mains LED wall light with decorative effect

IP65 · >80Ra · 70,000h L70,B10 · 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
MC050 NW	Silver	6.5W	4000K	110°	312	48	163
MC050 WW	Silver	6.5W	3000K	110°	243	37	118

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	9A 0.8ms
Construction material	Anodised aluminium
Weight	900g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

Complete with wall fixings and waterproof crimp connectors

Wide beam angle downwards combined with decorative upwards pin spot for both a functional and dramatic effect

Suitable for coastal areas

SIZE DIAGRAM

156mm
Ø80mm
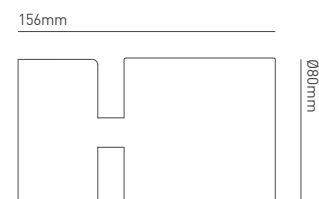
ACCESSORIES

N/A	No accessories required

Decorative wall lights.

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

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

Decorative wall lights

Discreet and interesting

Our extensive range of decorative and under shelf lighting has a multitude of attractive options which are suitable for any installation.

Choose your effect and how to create it

Highlight architectural features or illuminate specific objects with discreet lighting. The images below demonstrate how to create various effects.

Choose your effect

Low-level decorative lighting

Mid-level wall lighting

Backdrop / feature lighting

Invigorate ordinary spaces or dark corners with a mini decorative light. The ML family are a superb solution for this due to their small, recessed profiles. It is particularly effective when used for kick-boards or illuminating steps.

Use wall lights to illuminate your space without creating overhead shadow. Highlighting walls is a great way to create ambiance and atmosphere through the soft light, whilst also utilising reflection to make small spaces feel larger.

Integrating discreet lighting into furniture, surfaces in small spaces provides the user with an elegant, contemporary and perfectly lit space. The LED LYTE IP is perfect for this type of installation.

LED LYTE family

This flush-mounted mini LED family adds a touch of detail that has the ability to transform a room. With a wide beam angle of 110°, they create a subtle yet atmospheric accent of light. With a threaded version perfect for fitting within a cabinet or in an alcove, it couldn't be easier to showcase objects or features. Also available in an IP65 version for added versatility. The plug and play connector makes this product versatile and easy to install.

Decorative mini spot lights

Great for highlighting pictures and focal items or for reading and adding style to the walls, obtain a functional and stylish finish using our mini wall lights. These products are made using marine grade stainless steel and are IP rated to 65, allowing for installation both indoors and outdoors. Choose from three colour temperatures and three wall mounting brackets to suit any lighting scheme.

MS02 IP

This spot lens creates an atmospheric environment, especially when lit onto tall ceilings and columns.

MF02 IP

Use this adjustable LED mini light with flood lens to wash light across walls or ceilings.

Mounting brackets

Adding flexibility and functionality to the mini wall lights couldn't be easier with three mounting bracket options available suit any scheme. Choose from a single, stainless steel bracket or two double mounting options, allowing for ultimate flexibility. All brackets come complete with wall fixings.

WB/M 01

WB/M 02/30º

WB/M 02

Decorative mini wall lights

The selection of decorative marker light products are highly discreet, highly decorative and highly effective, available in a range of white and coloured light. Choose from flush or raised mounted, radial or halo lit effect for stylish and contemporary lighting in both interior and exterior spaces.
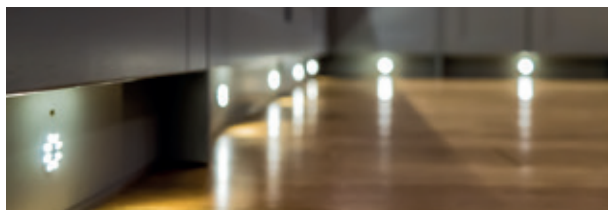
ML01

Designed to add style to floors, walls and ceilings, these lights can be walked over and are IP68 rated, allowing for installation in any environment. Due to the clever design of the product, no glare will be felt, even when looking directly at the light.

ML02

Contemporary and chic yet understatedly rugged, ML02 mini light adds style to floors, walls and ceilings. Made using marine grade stainless steel and IP rated to 68, this product is acceptable for use in or outdoors.

ML03

Emitting a 'halo' effect, this elegant design adds instant impact to any area. Finished in high quality anodised aluminium, this classic design will fit perfectly in superior establishments and residential environments.

MC020

Up / down mini cuboid LED wall light

IP65 **>80Ra** **70,000h** L70,B10 **3SDCM**

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

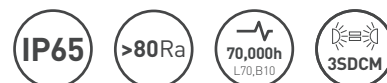| Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
MC020 S NW	2W	4000K	12°	140	70	1485
MC020 S WW	2W	3000K	12°	110	55	1466
MC020 S 27	2W	2700K	12°	107	54	1425
MC020 S AMBER	2W	Amber	12°	-	-	-
MC020 S BLUE	2W	Blue	12°	-	-	-
MC020 S GREEN	2W	Green	12°	-	-	-
MC020 S RED	2W	Red	12°	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut out	Ø 20mm
Construction material	Anodised aluminium
Weight	200g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

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

Bespoke wall plug for easy installation

Quality brushed aluminium finish

Requires 20mm drill bit

SIZE DIAGRAM

33x33/29.5mm

58mm
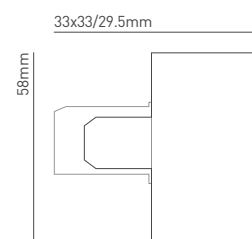
ACCESSORIES

CR135	PTFE cable
PDC/GRID DIMMER	Grid dimmer kit

UY2 connector	Quick waterproof connector

MC010

Mini cube LED wall light

1W **IP65** **>80Ra** **70,000h** L70,B10 **3SDCM**

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
MC010 S NW	1W	4000K	12°	70	70	1485
MC010 S WW	1W	3000K	12°	55	55	1466
MC010 S 27	1W	2700K	12°	53	53	1425
MC010 S AMBER	1W	Amber	12°	-	-	-
MC010 S BLUE	1W	Blue	12°	-	-	-
MC010 S GREEN	1W	Green	12°	-	-	-
MC010 S RED	1W	Red	12°	-	-	-

INSTALLATION INFORMATION

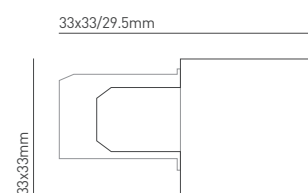|	
Input	350mA
Dimmable	Requires driver
Cut out	Ø 20mm
Construction material	Anodised aluminium
Weight	100g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

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

Bespoke wall plug for easy installation

Quality brushed aluminium finish

Requires 20mm drill bit

SIZE DIAGRAM

33x33/29.5mm

33x33mm

ACCESSORIES

CR135	PTFE cable
PDC/GRID DIMMER	Grid dimmer kit

UY2 connector	Quick waterproof connector

MF02 IP
Adjustable LED mini light

IP65 >80Ra 70,000h L70,B10 3SDCM 360° 45°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
MF02 IP NW	1W	4000K	16°	66	66	452
MF02 IP WW	1W	3000K	16°	53	53	252
MF02 IP 27	1W	2700K	16°	52	52	245
MF02 IP AMBER	1W	Amber	16°	-	-	-
MF02 IP BLUE	1W	Blue	16°	-	-	-
MF02 IP GREEN	1W	Green	16°	-	-	-
MF02 IP RED	1W	Red	16°	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Construction material	Anodised aluminium
Weight	90g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Mini spot light for discreet illumination

Can be used for interior and exterior applications

Can be rotated and angled to direct light

SIZE DIAGRAM

35mm
38.5mm
Ø30mm
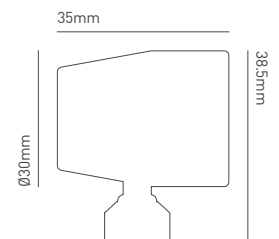
ACCESSORIES

WB/M 01 and WB/M02	Single bracket / double bracket
CR135	PTFE cable

PDC/GRID DIMMER	Grid dimmer kit
UY2 connector	Quick waterproof connector

MS02 IP
Adjustable LED mini light

IP65 >80Ra 70,000h L70,B10 3SDCM 360° 45°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
MS02 IP NW	1W	4000K	12°	66	66	452
MS02 IP WW	1W	3000K	12°	53	53	252
MS02 IP 27	1W	2700K	12°	52	52	245
MS02 IP AMBER	1W	Amber	12°	-	-	-
MS02 IP BLUE	1W	Blue	12°	-	-	-
MS02 IP GREEN	1W	Green	12°	-	-	-
MS02 IP RED	1W	Red	12°	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Construction material	Anodised aluminium
Weight	90g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Can be used for interior and exterior applications

Can be rotated and angled to direct light

SIZE DIAGRAM

35mm
38.5mm
Ø30mm

ACCESSORIES

WB/M 01 and WB/M02	Single bracket / double bracket
CR135	PTFE cable

PDC/GRID DIMMER	Grid dimmer kit
UY2 connector	Quick waterproof connector

ML01

Decorative LED mini light

IP68 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	lm	lm/W	lx at 1m
ML01 NW	1W	4000K	4	4	0
ML01 WW	1W	3000K	3.6	3	0
ML01 27	1W	2700K	3.5	3.5	0
ML01 AMBER	1W	Amber	-	-	-
ML01 BLUE	1W	Blue	-	-	-
ML01 GREEN	1W	Green	-	-	-
ML01 RED	1W	Red	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut out	Ø 26mm
Construction material	Stainless steel (316)
Weight	50g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Small & discreet decorative recessed LED light

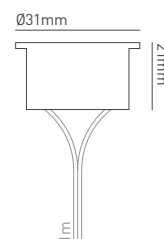Perfect for discreet decorative light in interior and exterior applications

Suitable for coastal areas

SIZE DIAGRAM

Ø31mm
21mm
1m

ACCESSORIES

CR135	PTFE cable
PDC/GRID DIMMER	Grid dimmer kit

UY2 connector	Quick waterproof connector

ML02

Decorative LED mini light

IP68 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	lm	lm/W	lx at 1m
ML02 NW	1W	4000K	35	35	4
ML02 WW	1W	3000K	24	24	3
ML02 27	1W	2700K	23	23	3
ML02 AMBER	1W	Amber	-	-	-
ML02 BLUE	1W	Blue	-	-	-
ML02 GREEN	1W	Green	-	-	-
ML02 RED	1W	Red	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut out	Ø 26mm
Construction material	Stainless steel (316)
Weight	50g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

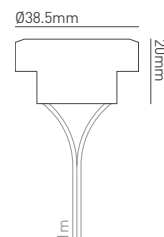Great for guidance lighting

Can be used in interior and exterior applications

Small & discreet decorative LED light

Raised profile creates diffused glow effect on surrounding surface

Suitable for coastal areas

SIZE DIAGRAM

Ø38.5mm
20mm
1m

ACCESSORIES

CR135	PTFE cable
PDC/GRID DIMMER	Grid dimmer kit

UY2 connector	Quick waterproof connector

ML03
Mini halo LED wall light

Guarantee / Warranty: 7 year extended warranty available

IP65 · >80Ra · 70,000h L70,B10 · 3SDCM

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	lm	lm/W	lx at 1m
ML03 NW	1W	4000K	40	40	4
ML03 WW	1W	3000K	28	28	3
ML03 AMBER	1W	Amber	-	-	-
ML03 BLUE	1W	Blue	-	-	-
ML03 GREEN	1W	Green	-	-	-
ML03 RED	1W	Red	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut out	Ø 26mm
Construction material	Anodised aluminium
Weight	60g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Raised profile creates diffused glow effect on surrounding surface

Can be used for interior and exterior applications

Small, discreet and low glare decorative LED light

Suitable for coastal areas
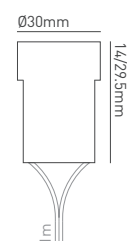
SIZE DIAGRAM

Ø30mm
14/29.5mm
1m

ACCESSORIES

CR135	PTFE cable
PDC/GRID DIMMER	Grid dimmer kit

UY2 connector	Quick waterproof connector

LED Lyte Surface
Surface-mount LED mini light

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LED LYTE SURFACE NW	1W	4000K	110°	82	82	46
LED LYTE SURFACE WW	1W	3000K	110°	63	63	30

INSTALLATION INFORMATION

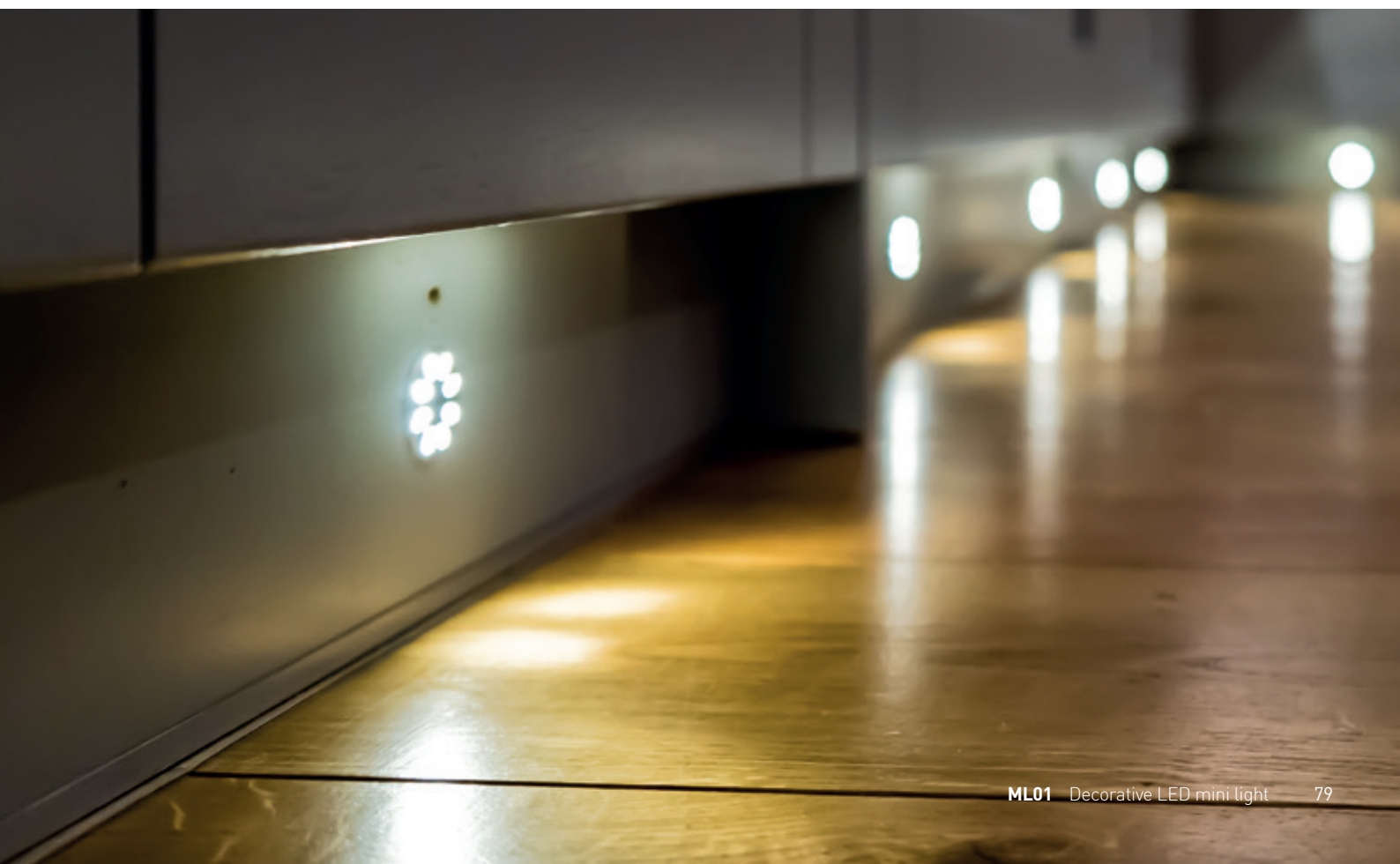|	
Input	350mA
Dimmable	Requires driver
Construction material	Stainless steel (316)
Weight	50g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Plug & play connector for quick installation

Complete with wall fixings

Small & discreet, ideal for under cabinet lighting

Suitable for coastal areas
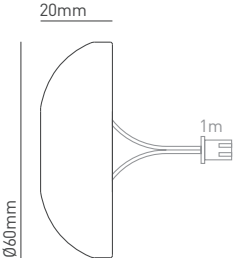
SIZE DIAGRAM

20mm

1m

Ø60mm

ACCESSORIES

LED LYTE 1M EXT	1m plug & play extension lead
LED LYTE 6 WAY EXT	6-way 1m plug & play extension lead

PDC/GRID DIMMER	Grid dimmer kit

LED Lyte IP

IP rated mini LED light

| 1W | IP65 | 〰 | >80Ra | 70,000h L70,B10 | 3SDCM |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LED LYTE IP NW	1W	4000K	110°	82	82	46
LED LYTE IP WW	1W	3000K	110°	63	63	30
LED LYTE IP 27	1W	2700K	110°	58	58	29
LED LYTE IP AMB	1W	Amber	110°	-	-	-
LED LYTE IP BL	1W	Blue	110°	-	-	-
LED LYTE IP GR	1W	Green	110°	-	-	-
LED LYTE IP RE	1W	Red	110°	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Cut out	Ø 26mm
Construction material	Stainless steel (316)
Weight	50g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Plug & play connector for quick installation

Small & discreet

Ideal for decorative lighting

Suitable for coastal areas
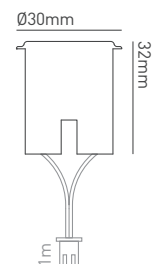
SIZE DIAGRAM

Ø30mm
32mm
1m

ACCESSORIES

LED LYTE 1M EXT	1m plug & play extension lead
LED LYTE 6 WAY EXT	6-way 1m plug & play extension lead

| PDC/GRID DIMMER | Grid dimmer kit |

LED Lyte IP T

IP rated threaded mini LED light

| IP65 | 〰 | >80Ra | 70,000h L70,B10 | 3SDCM |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LED LYTE IP T NW	1W	4000K	110°	82	82	46
LED LYTE IP T BL	1W	Blue	110°	-	-	-

INSTALLATION INFORMATION

Input	350mA
Dimmable	Requires driver
Construction material	Stainless steel (316)
Weight	50g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Plug & play connector for quick installation

Thread and nut for secure fitting

Small & discreet

Suitable for coastal areas
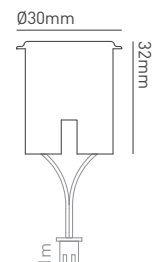
SIZE DIAGRAM

Ø30mm
32mm
1m

ACCESSORIES

LED LYTE 1M EXT	1m plug & play extension lead
LED LYTE 6 WAY EXT	6-way 1m plug & play extension lead

| PDC/GRID DIMMER | Grid dimmer kit |

Pond lights.

Nothing quite brings a pond or water feature to life like some carefully-placed LED lights. Whether you're lighting the area around your water, or from under the water itself, the robust range of Collingwood pond lights can be used to stunning and dramatic effect – bringing warmth to your garden all year round. As well as looking great, these lights are of course designed specifically with water in mind. Collingwood's patented technology ensures our IP68-rated pond lights can be fully submersed underwater in complete confidence, for a long-lasting, great-looking light.

Produce a variety of effects for backlighting waterfalls, creating reflections from your pond centrepiece statues or plants, highlight features using spotlights, or create a ripple effect for added visual interest. Even though they are incredibly robust, these lights are also discreet and easy to conceal in your landscape, so the focus is on the effect of the light rather than the fitting itself.

Pond lights.
A flexible solution

Whether illuminating the edges of ponds or completely submerging in water, the durability of Collingwood products will suit every requirement.

Flexibility

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

360º rotation

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

180º tiltable

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

Coastal protection

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

Mount anywhere

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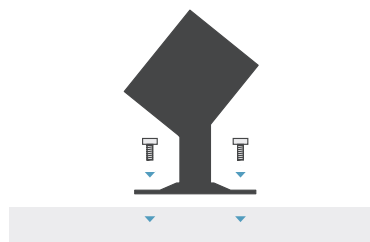
Output options

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

High output

The UL030 is ideal for general illumination.

Low output

The UL010 works well for subtle feature illumination.

Discreet fittings

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

Pond lights.
Underwater lighting

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

Lighting effect

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

Backlighting waterfalls

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

Reflections

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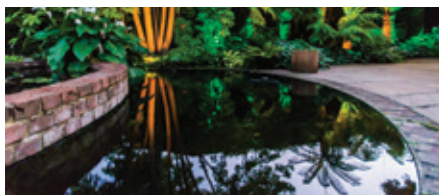
Highlighting water features

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

Adding depth to your landscape

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

Submersible fittings

Our Collingwood patented technology ensures that our IP68 rated pond 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.

UL030
High output universal LED light

IP68 >80Ra 70,000h L70,B10 3SDCM 360° 360°

Guarantee / Warranty: 7 year extended warranty available

Stainless steel

Antique Brass

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
UL030DWBX40	Stainless steel	4.6W	4000K	40°	490	109	1050
UL030DNBX40	Stainless steel	4.6W	4000K	12°	490	109	7975
UL030DWBX30	Stainless steel	4.6W	3000K	40°	480	107	1029
UL030DNBX30	Stainless steel	4.6W	3000K	12°	480	107	7812
UL030DWBX27	Stainless steel	4.6W	2700K	40°	470	104	1007
UL030DNBX27	Stainless steel	4.6W	2700K	12°	470	104	7649
UL030AWAX30	Antique brass	4.6W	3000K	40°	480	107	1029
UL030ANAX30	Antique brass	4.6W	3000K	12°	480	107	7812
UL030AWAX27	Antique brass	4.6W	2700K	40°	470	104	1007
UL030ANAX27	Antique brass	4.6W	2700K	12°	470	104	7649

INSTALLATION INFORMATION

Input	700mA
Dimmable	Requires driver
Construction material	Stainless steel (316), Antique brass: Brass
Weight	Stainless steel (316): 645g Antique brass: 680g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

Modern look and feel with single LED

Complete with wall fixings

Tilt & rotate for adjusting light

Robust cable for use outdoors

Marine grade stainless steel 316 and antique brass finishes

Antisyphon patented waterproof technology

Suitable for coastal areas

SIZE DIAGRAM

90mm

3m

65x65mm

ACCESSORIES

JB2 / JB4	IP68 waterproof junction boxes
WCR 275 BLACK	2-core rubber cable

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

UL010
Universal LED light

IP68 | >80Ra | 70,000h L70,B10 | 3SDCM | 360° | 360°

Guarantee / Warranty: 7 year extended warranty available

Stainless steel

Antique Brass

PHOTOMETRICS @ 25°C

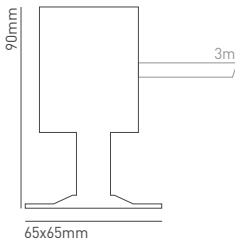| Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
UL010 NW	Stainless steel	3W	4000K	18°	119	40	648
UL010 WW	Stainless steel	3W	3000K	18°	95	32	411
UL010 27	Stainless steel	3W	2700K	18°	92	31	399
UL010 BL	Stainless steel	3W	Blue	18°	-	-	-
UL010 A WW	Antique brass	3W	3000K	18°	95	32	411
UL010 A 27	Antique brass	3W	2700K	18°	92	31	399

INSTALLATION INFORMATION

Input	700mA
Dimmable	Requires driver
Construction material	Stainless steel (316), Antique brass: Brass
Weight	Stainless steel (316): 500g Antique brass: 512g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Complete with wall fixings

Tilt & rotate for adjusting light

Robust cable for use outdoors

Marine grade stainless steel 316 and antique brass finishes

Suitable for coastal areas
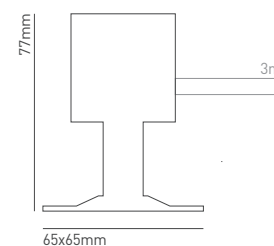
SIZE DIAGRAM

77mm | 3m | 65x65mm

ACCESSORIES

JB2 / JB4	IP68 waterproof junction boxes
WCR 275 BLACK	2-core rubber cable

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

Uplights.

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

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

Uplights.
To create exceptionally lit environments

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

Choosing the right beam angle

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

110º beam

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

45º beam

Some architectural features require mid-level lighting and the 45° beam is perfect for this, allowing a swathe of light to be cast across a dedicated area.

25x6º beam

Choose the asymmetric 25x6° beam for a more directed beam of light, perfect for walls and entrances.

Choosing the ideal size and output

50lux @ m (NW)

8
6
4
2
0

mm
58.5
29.3

50 lux @ 2.9m
110°

50 lux @ 3.1m
110°

50 lux @ 7.2m
45°

50 lux @ 6.9m
45°

**LEDLINE
400 110**

**LEDLINE Mains
400 110**

**LEDLINE
400 45**

**LEDLINE Mains
400 45**

400mm
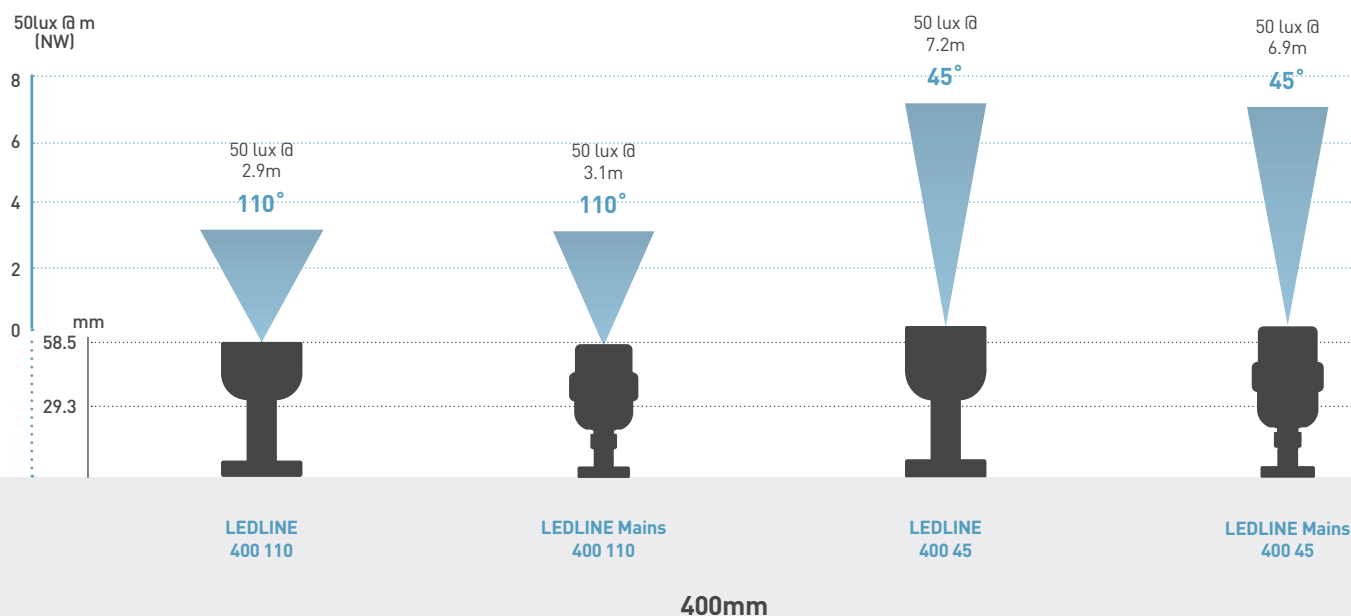
Mains vs. 700mA

Mains voltage operates at the usual 240V direct from the main electricity supply. With a mains voltage connection the cable must be buried in the ground.

Low voltage operates at 24V, and the driver does not need to be located near the fittings, this is because it is a constant current driver meaning the output of the voltage and amps is fixed, which regulates the current across the circuit. This is a safer install, where the cable does not need to be buried.

240V   **700mA**
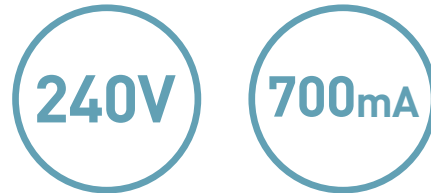
UL bracket

The UL bracket offers the ability to adjust the LEDLINE fitting to an angle of your choice; providing more options for how and where you direct the light.

The bracket is perfect for directing the light back onto a façade, highlighting particular signage or features. The UL bracket must be ordered separately using the partcode: ULBRACKET
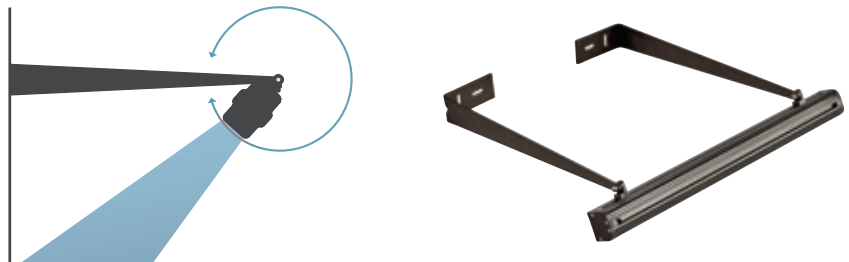
Diagrams shown are Mains and 700mA output.
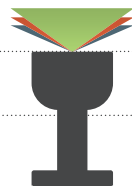
50 lux @ 8m	50 lux @ 8m	50 lux @ 0.8m / 1m / 0.6m	50 lux @ 1.8m / 3.2m / 1.3m	50 lux @ 2.6m / 3.5m / 1.3m
25x6˚	**25x6˚**	**110˚ 110˚ 110˚**	**45˚ 45˚ 45˚**	**25x6˚ 25x6˚ 25x6˚**
LEDLINE 400 25X6	**LEDLINE Mains 400 25X6**	**UL345 CARGB**	**UL347 CARGB**	**UL346 CARGB**

RGB

LEDLINE 400 110°
110° LED wall washing light bar

IP65 | IK02 | >80Ra | 70,000h L70,B10 | 3SDCM | 180°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LEDLINE 400 NW 110	16W	4000K	110°	1000	63	422
LEDLINE 400 WW 110	16W	3000K	110°	750	47	316

INSTALLATION INFORMATION

Input	700mA
Dimmable	Requires driver
Construction material	Anodised aluminium
Weight	800g
Class	Class III
Max. ambient temperature	40°C

BENEFITS

Robust cable for permanent use outdoors

Wide beam angle ideal for wall wash

Suitable for coastal areas
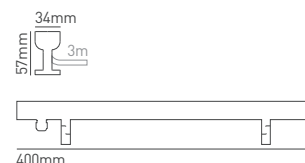
SIZE DIAGRAM

34mm
57mm
3m
400mm

ACCESSORIES

JB4 / JB6	IP68 waterproof junction box / connector
WCR 275 BLACK	2-core rubber cable

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
ULBRACKET	2-piece black anodised aluminium bracket

LEDLINE Mains 400 110°
110° straight to mains LED wall washing light bar

IP65 | IK02 | >80Ra | 70,000h L70,B10 | 3SDCM | 180°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
ULM345M40	19W	4000K	110°	1210	64	493
ULM345M30	19W	3000K	110°	1320	70	537

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	2.1A 0.1ms
Construction material	Anodised aluminium
Weight	1280g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

Wide beam angle ideal for wall wash

Mains driver built-in for quick installation

Robust cable for permanent use outdoors

Suitable for coastal areas

SIZE DIAGRAM

89.5mm
56.5mm
3m
400mm

ACCESSORIES

ULBRACKET	2-piece black anodised aluminium bracket

LEDLINE 400 25x6°

25x6° LED wall washing light bar

IP65   IK02   >80Ra   70,000h L70,B10   3SDCM   180°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LEDLINE 400 NW 25X6	16W	4000K	25x6°	1000	63	3174
LEDLINE 400 WW 25X6	16W	3000K	25x6°	750	47	2380

INSTALLATION INFORMATION

Input	700mA
Dimmable	Requires driver
Construction material	Anodised aluminium
Weight	930g
Class	Class III
Max. ambient temperature	40°C

BENEFITS

Asymmetric beam angle for distance wall wash

Robust cable for permanent use outdoors

Suitable for coastal areas

SIZE DIAGRAM

34mm
64mm
3m
400mm

ACCESSORIES

JB4 / JB6	IP68 waterproof junction box / connector
WCR 275 BLACK	2-core rubber cable

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
ULBRACKET	2-piece black anodised aluminium bracket

LEDLINE 400 45°   45° straight to mains LED wall washing light bar   93
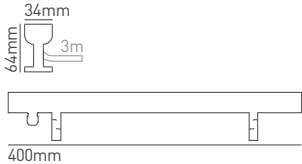
LEDLINE Mains 400 25x6°

25x6° straight to mains LED wall washing light bar

| IP65 | IK02 | 〰️ | >80Ra | 220-240V | 70,000h L70,B10 | 3SDCM | 180° |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
ULM346M40	19W	4000K	25x6°	940	50	3191
ULM346M30	19W	3000K	25x6°	880	46	2987

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	2.1A 0.1ms
Construction material	Anodised aluminium
Weight	1440g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

Asymmetric beam angle for distance wall wash

Mains driver built-in for quick installation

Robust cable for permanent use outdoors

Suitable for coastal areas

SIZE DIAGRAM

97mm
64mm
3m
400mm
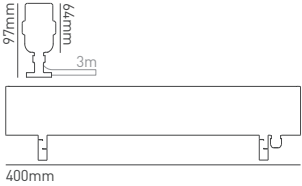
ACCESSORIES

ULBRACKET	2-piece black anodised aluminium bracket

LEDLINE 400 45°
45° LED wall washing light bar

IP65   IK02   >80Ra   70,000h L70,B10   3SDCM   180°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LEDLINE 400 NW 45	16W	4000K	45°	1000	63	2629
LEDLINE 400 WW 45	16W	3000K	45°	750	47	1972

INSTALLATION INFORMATION

Input	700mA
Dimmable	Requires driver
Construction material	Anodised aluminium
Weight	930g
Class	Class III
Max. ambient temperature	40°C

BENEFITS

45° beam angle ideal for mid-level wall wash

Robust cable for permanent use outdoors

Suitable for coastal areas

SIZE DIAGRAM

34mm
64mm
3m
400mm

ACCESSORIES

JB4 / JB6	IP68 waterproof junction box / connector
WCR 275 BLACK	2-core rubber cable

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
ULBRACKET	2-piece black anodised aluminium bracket

LEDLINE Mains 400 45°
45° straight to mains LED wall washing light bar

IP65   IK02   >80Ra   70,000h L70,B10   3SDCM   180°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
ULM347M40	19W	4000K	45°	1020	54	2366
ULM347M30	19W	3000K	45°	1000	53	2320

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	2.1A 0.1ms
Construction material	Anodised aluminium
Weight	1440g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

45° beam angle ideal for mid-level wall wash

Mains driver built-in for quick installation

Robust cable for permanent use outdoors

Suitable for coastal areas

SIZE DIAGRAM

97mm
64mm
3m
400mm
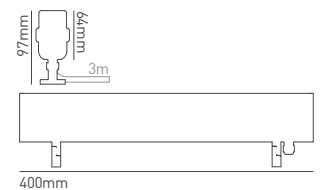
ACCESSORIES

ULBRACKET	2-piece black anodised aluminium bracket

Spike lights.

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

Easily adjust the tilt or location of a light as your landscape changes, and to create a variety of different effects throughout your space with one simple product. Upgrade the look and feel of the spike light with a low glare hood for optimum light distribution, or a snoot provides a calming moonlight effect. Pick a twin fitting to double the results! Constructed from premium materials built to last and withstand the elements, the spike lights are available in straight to mains and low voltage options.

Spike lights.

To create engaging outdoor spaces

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

Choose your effect

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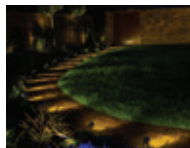
Pathways   **Mid-level planting**   **Features**

Layering light

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

Light confined to one area   **Light spread across installation**

Product comparison

Use the diagram to work out which size product and output is ideal for your installation.

200lux @ m (NW)

200 lux @ 1.1m
26°

200 lux @ 4m / 2.3m
18° 38°

200 lux @ 2.4m
12° 40°

200 lux @ 2.4m
12° 40° (700mA)

200 lux @ 2.9m / 2.2m
40° 40° (700mA)

200 lux @ 2.7m / 2.2m
40° 40° (700mA)

mm: 250, 200, 100

SL030 / SL130   **SL040A**   **SL220 Mains**   **SL220**   **SL230**

mm: 650, 600, 500, 400, 300, 200, 100

SL240

Diagrams shown are Mains or 700mA output.

All spike lights continue upto 240mm under the surface.
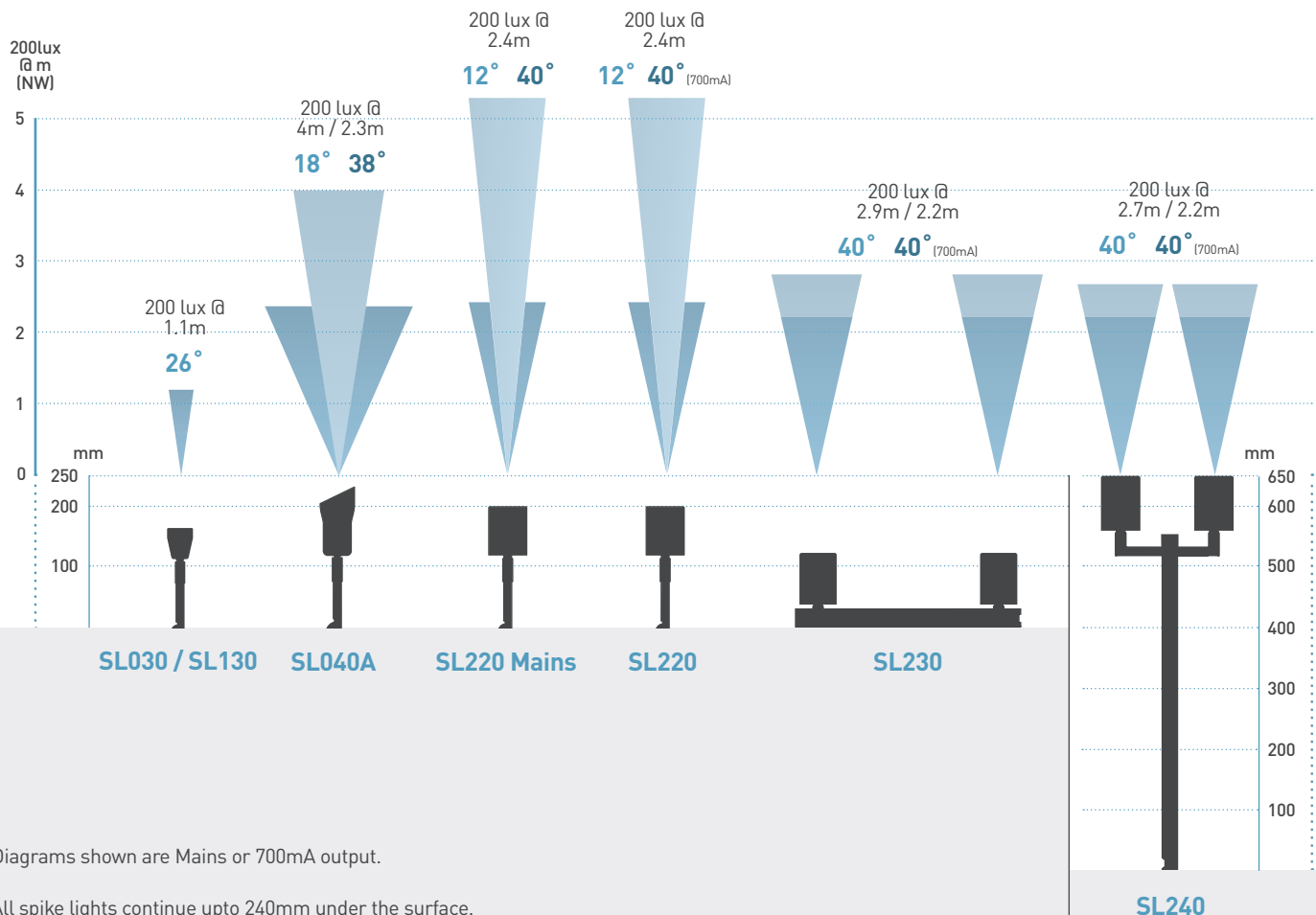
Low voltage vs. mains

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

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

Waterproof

Our spike lights are waterproof to IP65 and have been designed for permanent use outdoors. Spike lights must be installed using waterproof connections to avoid moisture ingress through non-waterproof joints.

Check out our IP rated installation video on the Collingwood Lighting YouTube channel.

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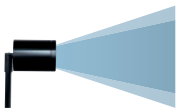
Flexible spike lighting with a high-quality fixture. Without using an accessory the beam of light has a soft halo around the measured beam angle.

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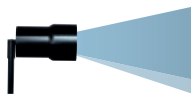
A simple solution to create discreet lighting whilst optimising the light distribution. The widest part of the hood reduces the spill light from one side of the light.

With glare snoot

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

Discreet lighting

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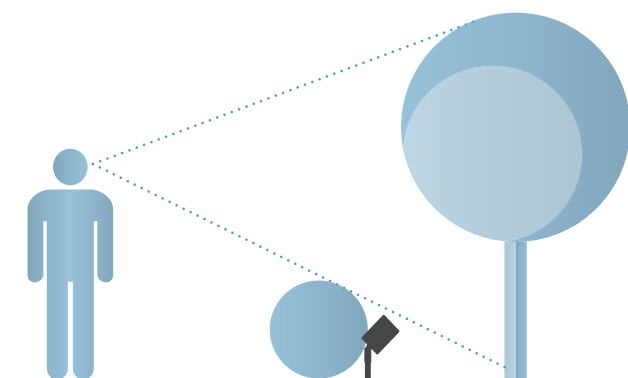
Flexibility

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

90°
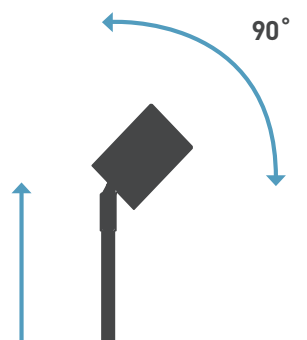
Tilt

Select the best angle to illuminate features.

Move

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

Spike lights

SL220
Low voltage LED spike light

IP65 · >80Ra · 70,000h L70,B10 · 3SDCM · 90°

Guarantee / Warranty: 7 year extended warranty available

Black

Copper

Stainless Steel

Bronze

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam Angle	350mA Wattage	lm	lm/W	lx at 1m	700mA Wattage	lm	lm/W	lx at 1m
SL220BWBX40	Black	4000K	40°	2.2W	310	144	705	4.6W	530	114	1205
SL220BNBX40	Black	4000K	12°	2.2W	310	144	3310	4.6W	530	114	5659
SL220BWBX30	Black	3000K	40°	2.2W	300	140	682	4.6W	520	112	1182
SL220BNBX30	Black	3000K	12°	2.2W	300	140	3203	4.6W	520	112	5552
SL220BWBX27	Black	2700K	40°	2.2W	290	135	659	4.6W	515	111	1171
SL220BNBX27	Black	2700K	12°	2.2W	290	135	3096	4.6W	515	111	5499
SL220ZWBX40	Bronze	4000K	40°	2.2W	310	144	705	4.6W	530	114	1205
SL220ZNBX40	Bronze	4000K	12°	2.2W	310	144	3310	4.6W	530	114	5659
SL220ZWBX30	Bronze	3000K	40°	2.2W	300	140	682	4.6W	520	112	1182
SL220ZNBX30	Bronze	3000K	12°	2.2W	300	140	3203	4.6W	520	112	5552
SL220ZWBX27	Bronze	2700K	40°	2.2W	290	135	659	4.6W	515	111	1171
SL220ZNBX27	Bronze	2700K	12°	2.2W	290	135	3096	4.6W	515	111	5499
SL220CWBX27	Copper	2700K	40°	2.2W	290	135	659	4.6W	515	111	1171
SL220CNBX27	Copper	2700K	12°	2.2W	290	135	3096	4.6W	515	111	5499
SL220DWBX40	Stainless steel	4000K	40°	2.2W	310	144	705	4.6W	530	114	1205
SL220DNBX40	Stainless steel	4000K	12°	2.2W	310	144	3310	4.6W	530	114	5659
SL220DWBX30	Stainless steel	3000K	40°	2.2W	300	140	682	4.6W	520	112	1182
SL220DNBX30	Stainless steel	3000K	12°	2.2W	300	140	3203	4.6W	520	112	5552
SL220DWBX27	Stainless steel	2700K	40°	2.2W	290	135	659	>80Ra	515	111	1171
SL220DNBX27	Stainless steel	2700K	12°	2.2W	290	135	3096	>80Ra	515	111	5499

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Construction material	Black & Bronze: anodised aluminium Copper: solid copper Stainless steel: stainless steel (316)
Weight	Black: 512g Bronze: 512g Copper: 1000g Stainless steel: 512g
Class	Class III
Max. ambient temperature	50°C

BENEFITS

High efficacy - up to 144lm/W

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

New Stainless steel and Anodised bronze finishes

High light output

Can be powered by either a 350mA or 700mA low voltage driver depending on required light output

Neat and compact appearance

Suitable for coastal areas

SIZE DIAGRAM

Ø62.5mm · 440mm · 240mm · 3m

ACCESSORIES

GH220B	Black Hood
GH220D	Stainless steel (316) Hood
GH220Z	Bronze Hood
GS220B	Black Snoot
GS220D	Stainless steel (316) Snoot
GS220Z	Bronze Snoot

JB2 / JB4 / JB6	IP68 waterproof junction box / connector
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

SL220 Mains

Straight to mains adjustable LED spike light

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM | 90°

Guarantee / Warranty: 7 year extended warranty available

Black

Copper

Stainless Steel

Bronze

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
SL220BWBM40	Black	5.7W	4000K	40°	530	93	1205
SL220BNBM40	Black	5.7W	4000K	12°	530	93	5659
SL220BWBM30	Black	5.7W	3000K	40°	520	91	1182
SL220BNBM30	Black	5.7W	3000K	12°	520	91	5552
SL220BWBM27	Black	5.7W	2700K	40°	515	90	1171
SL220BNBM27	Black	5.7W	2700K	12°	515	90	5499
SL220ZWBM40	Bronze	5.7W	4000K	40°	530	93	1205
SL220ZNBM40	Bronze	5.7W	4000K	12°	530	93	5659
SL220ZWBM30	Bronze	5.7W	3000K	40°	520	91	1182
SL220ZNBM30	Bronze	5.7W	3000K	12°	520	91	5552
SL220ZWBM27	Bronze	5.7W	2700K	40°	515	90	1171
SL220ZNBM27	Bronze	5.7W	2700K	12°	515	90	5499
SL220CWBM27	Copper	5.7W	2700K	40°	515	90	1171
SL220CNBM27	Copper	5.7W	2700K	12°	515	90	5499
SL220DWBM40	Stainless steel	5.7W	4000K	40°	530	93	1205
SL220DNBM40	Stainless steel	5.7W	4000K	12°	530	93	5659
SL220DWBM30	Stainless steel	5.7W	3000K	40°	520	91	1182
SL220DNBM30	Stainless steel	5.7W	3000K	12°	520	91	5552
SL220DWBM27	Stainless steel	5.7W	2700K	40°	515	90	1171
SL220DNBM27	Stainless steel	5.7W	2700K	12°	515	90	5499

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	60A 0.037ms
Construction material	Black & Bronze: anodised aluminium Copper: solid copper Stainless steel: stainless steel (316)
Weight	Black: 550g Bronze: 550g Copper: 1037g Stainless steel: 550g
Class	Class I
Max. ambient temperature	50°C

BENEFITS

- High efficacy - up to 93lm/W
- Single LED and lens combination for maximum efficiency and optimal light distribution
- New Stainless steel and Anodised bronze finishes
- High light output
- Integral driver for direct connection to mains power supply - great for retrofit
- Neat and compact appearance
- Suitable for coastal areas
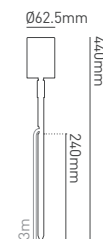
SIZE DIAGRAM

Ø62.5mm
440mm
240mm
3m

ACCESSORIES

GH220B	Black Hood
GH220D	Stainless steel (316) Hood
GH220Z	Bronze Hood
GS220B	Black Snoot
GS220D	Stainless steel (316) Snoot
GS220Z	Bronze Snoot

JB5	Gel filled waterproof connector

Spike lights

SL230
Low voltage LED twin pole spike light
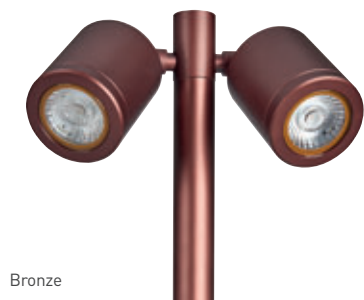
IP65   >80Ra   70,000h L70,B10   3SDCM   330°   90°

Guarantee / Warranty: 7 year extended warranty available

Black

Bronze

Stainless steel

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam Angle	Wattage (350mA)	lm	lm/W	lx at 1m	Wattage (700mA)	lm	lm/W	lx at 1m
SL230BWBX40	Black	4000K	40°	4.4W	620	144	2 x 705	9.2W	1060	114	2 x 1205
SL230BWBX30	Black	3000K	40°	4.4W	600	140	2 x 682	9.2W	1040	112	2 x 1182
SL230BWBX27	Black	2700K	40°	4.4W	580	135	2 x 659	9.2W	1030	111	2 x 1171
SL230ZWBX40	Bronze	4000K	40°	4.4W	620	144	2 x 705	9.2W	1060	114	2 x 1205
SL230ZWBX30	Bronze	3000K	40°	4.4W	600	140	2 x 682	9.2W	1040	112	2 x 1182
SL230ZWBX27	Bronze	2700K	40°	4.4W	580	135	2 x 659	9.2W	1030	111	2 x 1171
SL230DWBX40	Stainless steel	4000K	40°	4.4W	620	144	2 x 705	9.2W	1060	114	2 x 1205
SL230DWBX40	Stainless steel	3000K	40°	4.4W	600	140	2 x 682	9.2W	1040	112	2 x 1182
SL230DWBX30	Stainless steel	2700K	40°	4.4W	580	135	2 x 659	9.2W	1030	111	2 x 1171

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Construction material	Black & Bronze: anodised aluminium Stainless steel: stainless steel
Weight	1520g
Class	Class III
Max. ambient temperature	35°C

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, bronze and stainless steel 316 finish

Can be powered by either 350mA or 700mA drivers

Highly efficient: up to 144lm/W

Suitable for coastal areas

SIZE DIAGRAM

160mm
845mm
Ø62.5mm
170mm
3m

ACCESSORIES

GH220B	Black Hood
GH220D	Stainless steel (316) Hood
GH220Z	Bronze Hood
GS220B	Black Snoot
GS220D	Stainless steel (316) Snoot
GS220Z	Bronze Snoot

JB2 / JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector

SL230 Mains
Straight to mains LED twin pole spike light

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM | 330° | 90°

Guarantee / Warranty: 7 year extended warranty available

Black

Bronze

Stainless steel

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
SL230BWBM40	Black	11.4W	4000K	40°	1060	93	2 x 1205
SL230BWBM30	Black	11.4W	3000K	40°	1040	91	2 x 1182
SL230BWBM27	Black	11.4W	2700K	40°	1030	90	2 x 1171
SL230ZWBM40	Bronze	11.4W	4000K	40°	1060	93	2 x 1205
SL230ZWBM30	Bronze	11.4W	3000K	40°	1040	91	2 x 1182
SL230ZWBM27	Bronze	11.4W	2700K	40°	1030	90	2 x 1171
SL230DWBM40	Stainless steel	11.4W	4000K	40°	1060	93	2 x 1205
SL230DWBM30	Stainless steel	11.4W	3000K	40°	1040	91	2 x 1182
SL230DWBM27	Stainless steel	11.4W	2700K	40°	1030	90	2 x 1171

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Construction material	Black & Bronze: anodised aluminium Stainless steel: stainless steel
Weight	1520g
Class	Class I
Max. ambient temperature	35°C

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
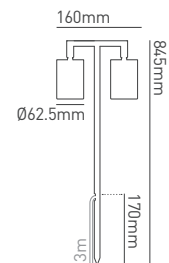
Elegant and discreet black, bronze and stainless steel 316 finish

Mains voltage for easy installation

Highly efficient: up to 93lm/W

Suitable for coastal areas

SIZE DIAGRAM

160mm
845mm
Ø62.5mm
170mm
3m

ACCESSORIES

GH220B	Black Hood
GH220D	Stainless steel (316) Hood
GH220Z	Bronze Hood
GS220B	Black Snoot
GS220D	Stainless steel (316) Snoot
GS220Z	Bronze Snoot

JB5	Gel filled waterproof connector

SL240

Low voltage LED twin bar spike light

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM | 330° | 90°

Guarantee / Warranty: 7 year extended warranty available

Black

Bronze

Stainless steel

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam Angle	350mA				700mA			
				Wattage	lm	lm/W	lx at 1m	Wattage	lm	lm/W	lx at 1m
SL240BWBX40	Black	4000K	40°	4.4W	620	144	2 x 705	9.2W	1060	114	2 x 1205
SL240BWBX30	Black	3000K	40°	4.4W	600	140	2 x 682	9.2W	1040	112	2 x 1182
SL240BWBX27	Black	2700K	40°	4.4W	580	135	2 x 659	9.2W	1030	111	2 x 1171
SL240ZWBX40	Bronze	4000K	40°	4.4W	620	144	2 x 705	9.2W	1060	114	2 x 1205
SL240ZWBX30	Bronze	3000K	40°	4.4W	600	140	2 x 682	9.2W	1040	112	2 x 1182
SL240ZWBX27	Bronze	2700K	40°	4.4W	580	135	2 x 659	9.2W	1030	111	2 x 1171
SL240DWBX40	Stainless steel	4000K	40°	4.4W	620	144	2 x 705	9.2W	1060	114	2 x 1205
SL240DWBX40	Stainless steel	3000K	40°	4.4W	600	140	2 x 682	9.2W	1040	112	2 x 1182
SL240DWBX30	Stainless steel	2700K	40°	4.4W	580	135	2 x 659	9.2W	1030	111	2 x 1171

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Construction material	Black & Bronze: anodised aluminium Stainless steel: stainless steel
Weight	1280g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

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

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

Elegant and discreet black, bronze and stainless steel 316 finish

Can be powered by either 350mA or 700mA drivers

Highly efficient: up to 144lm/W

Suitable for coastal areas

SIZE DIAGRAM

300mm
Ø62.5mm
321mm
184mm
3m

ACCESSORIES

GH220B	Black Hood
GH220D	Stainless steel (316) Hood
GH220Z	Bronze Hood
GS220B	Black Snoot
GS220D	Stainless steel (316) Snoot
GS220Z	Bronze Snoot

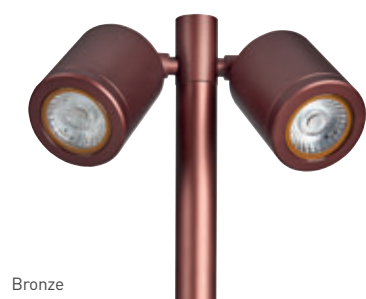|	
JB2 / JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector

SL240 Mains
Straight to mains LED twin bar spike light

| IP65 | | >80Ra | 70,000h L70,B10 | 3SDCM | 330° | 90° |

Guarantee / Warranty: 7 year extended warranty available

Black

Bronze

Stainless steel

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
SL240BWBM40	Black	11.4W	4000K	40°	1060	93	2 x 1205
SL240BWBM30	Black	11.4W	3000K	40°	1040	91	2 x 1182
SL240BWBM27	Black	11.4W	2700K	40°	1030	90	2 x 1171
SL240ZWBM40	Bronze	11.4W	4000K	40°	1060	93	2 x 1205
SL240ZWBM30	Bronze	11.4W	3000K	40°	1040	91	2 x 1182
SL240ZWBM27	Bronze	11.4W	2700K	40°	1030	90	2 x 1171
SL240DWBM40	Stainless steel	11.4W	4000K	40°	1060	93	2 x 1205
SL240DWBM30	Stainless steel	11.4W	3000K	40°	1040	91	2 x 1182
SL240DWBM27	Stainless steel	11.4W	2700K	40°	1030	90	2 x 1171

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Construction material	Black & Bronze: anodised aluminium Stainless steel: stainless steel
Weight	1280g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

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

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

Elegant and discreet black, bronze and stainless steel 316 finish

Mains voltage for easy installation

Highly efficient: up to 93lm/W

Suitable for coastal areas

SIZE DIAGRAM

300mm
Ø62.5mm
321mm
184mm
3m

ACCESSORIES

GH220B	Black Hood
GH220D	Stainless steel (316) Hood
GH220Z	Bronze Hood
GS220B	Black Snoot
GS220D	Stainless steel (316) Snoot
GS220Z	Bronze Snoot

JB5	Gel filled waterproof connector

Spike lights

SL040A
High output LED spike light

IP65 · >80Ra · 70,000h L70,B10 · 3SDCM · 90°

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
SL040A F NW	7W	4000K	38°	520	74	1471
SL040A S NW	7W	4000K	18°	520	74	1471
SL040A F WW	7W	3000K	38°	413	59	1168
SL040A S WW	7W	3000K	18°	413	59	1168
SL040A F 27	7W	2700K	38°	377	54	1066
SL040A S 27	7W	2700K	18°	377	54	1066

INSTALLATION INFORMATION

Input	700mA
Dimmable	Requires driver
Construction material	Anodised aluminium
Weight	600g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Long spike included for extra stability

Robust cable for outdoor use

Hooded for reduced glare

Suitable for coastal areas
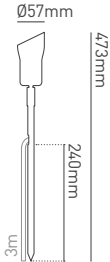
SIZE DIAGRAM

Ø57mm
473mm
240mm
3m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector
WCR 275 BLACK	2-core rubber cable

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

SL030 | SL130
1W LED spike light

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM | 90°

Guarantee / Warranty: 7 year extended warranty available

Black

Bronze

Stainless steel

PHOTOMETRICS @ 25°C

Product Code	Finish	Colour	Beam Angle	Wattage (350mA)	lm	lm/W	lx at 1m	Wattage (700mA)	lm	lm/W	lx at 1m
SL13040	Black	4000K	26°	1W	95	95	267	2W	140	70	393
SL13030	Black	3000K	26°	1W	75	75	210	2W	135	68	379
SL13027	Black	2700K	26°	1W	70	70	196	2W	120	60	337
SL130ZMBX40	Bronze	4000K	26°	1W	95	95	267	2W	140	70	393
SL130ZMBX30	Bronze	3000K	26°	1W	75	75	210	2W	135	68	379
SL130ZMBX27	Bronze	2700K	26°	1W	70	70	196	2W	120	60	337
SL030 F NW	Stainless steel	4000K	26°	1W	95	95	267	2W	140	70	393
SL030 F WW	Stainless steel	3000K	26°	1W	75	75	210	2W	135	68	379
SL030 F 27	Stainless steel	2700K	26°	1W	70	70	196	2W	120	60	337
SL030 F AMBER	Stainless steel	Amber	26°	1W	-	-	-	2W	-	-	-
SL030 F BLUE	Stainless steel	Blue	26°	1W	-	-	-	2W	-	-	-
SL030 F GREEN	Stainless steel	Green	26°	1W	-	-	-	2W	-	-	-
SL030 F RED	Stainless steel	Red	26°	1W	-	-	-	2W	-	-	-

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Construction material	Black & Bronze: anodised aluminium Stainless steel: (316)
Weight	Black: 405g Bronze: 405g Stainless steel: 700g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Long spike included for extra stability
- Robust cable for outdoor use
- Small & discreet
- Suitable for coastal areas
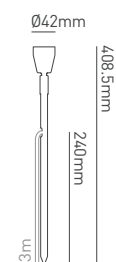
SIZE DIAGRAM

Ø42mm
408.5mm
240mm
3m

ACCESSORIES

JB2 / JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector
WCR 275 BLACK	2-core rubber cable

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types

SL250

Low voltage LED path light

IP65 · >80Ra · 50,000h L50,B50 · 6SDCM

Guarantee / Warranty: 7 year extended warranty available

Black

Brass

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam angle	lm	lm/W	lx at 1m
SL250BPX0X40	Black	4W	4000K	60°-110°	240	60	182 / 82
SL250BPX0X30	Black	4W	3000K	60°-110°	220	55	167 / 75
SL250BPX0X27	Black	4W	2700K	60°-110°	200	50	152 / 68
SL250ATX0X40	Brass	4W	4000K	60°-110°	240	60	182 / 82
SL250ATX0X30	Brass	4W	3000K	60°-110°	220	55	167 / 75
SL250ATX0X27	Brass	4W	2700K	60°-110°	200	50	152 / 68

INSTALLATION INFORMATION

Input	24V DC
Dimmable	No
Construction material	Powder Coated Aluminium / Treated Brass
Weight	Aluminium: 1374g Brass: 1390g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Ideal for pathways and flowerbeds

Variable beam angle

Allows you to illuminate areas and highlight features. Has a 360° illumination, making it perfect for pathways and flowerbeds.

Spike ideal for installation into soft or uneven ground (included)

Parallel wiring for easier installation and more fittings to a power supply

Base plate ideal for mounting onto solid ground. Partcode: SL250A1 (sold separately)

Suitable for coastal areas
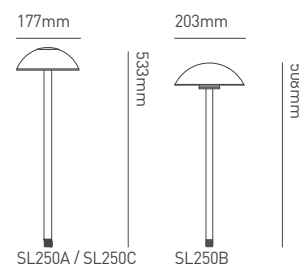
SIZE DIAGRAM

177mm · 533mm

203mm · 508mm

SL250A / SL250C

SL250B

ACCESSORIES

JB1 / JB5 / JB6	IP68 waterproof junction box / Gel filled waterproof junction box / Inline IP68 gel filled connector

WCR275BLACK	2-core rubber cable
SL250A1	Black Powder Coated Aluminium Base Plate

SL250A1

Path light surface mount accessory

Guarantee / Warranty: 7 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
SL250A1	138g	Powder coated aluminium	D28 x Ø120

Use in conjunction with

SL250

Bollards.

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

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

Bespoke wooden bollards.

Purpose built in Great Britain, for your installation.

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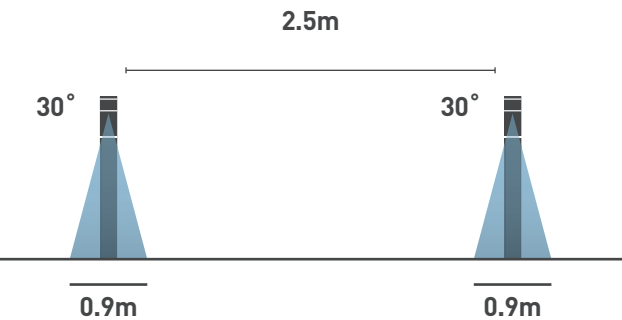
Single LED bollard

Use the single LED bollard to add new lighting to existing pathways, gardens or shared spaces. The remote SELV power supply provides increased flexibility when fitting. Long distances of cable can be concealed within trunking.

Bollards are often purposely positioned in a uniformed capacity to highlight a walkway; however, they can also be integrated into a landscape feature, maximising the overall design of the space.

For a pathway with consistent points highlighted:

2.5m

30˚   30˚

0.9m   0.9m

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:

2.5m

110˚   110˚

2.5m   2.5m
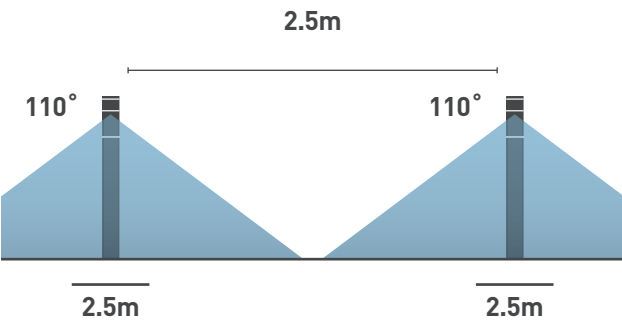
Choice of material

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

Iroko   **Oak**   **Sapele**

Choice of style

Choose from three unique styles to suit your installation.

Domed   **Chamfered**   **Pointed**

Colour temperature

Choose between three available colour temperatures.

2700K   **3000K**   **4000K**

Single lighting regulations

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

Choosing the ideal wooden bollard.

For your installation

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

Do you prefer a bollard with single or triple LEDs?

Single LED bollard
Beam angle : 30º

Triple LED bollard
Beam angle : 110º

Which style head would you like?

Domed

Chamfered

Pointed

Which type of wood do you prefer?

Iroko

Oak

Sapele

Will the bollard be recessed or surface mounted?

Recessed mount

Side cable entry is required for recess mounting.

Surface mount

Base cable entry is required for surface mounting.

When surface mounting you will also need a bracket.

Partcode: BOL LED BRACKET

Which colour temperature do you need?

Warmest
For a warm cosy look use 2700K.
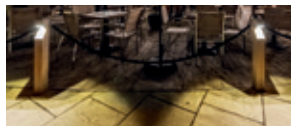
Warm
For the warmth of a halogen use 3000K.

Natural white
For a more neutral look use 4000K.
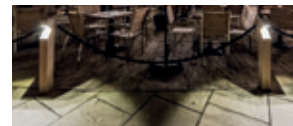
Now you've determined what you'll need, use the partcode generator on the next page to obtain the correct partcode.

Choosing the ideal wooden bollard.

For your installation

Now you know what attributes you want, use the matrix below to work out which partcode you need.

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

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

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

① **Product type**	② **Single / triple LED**	③ **Style**
B L Bollard	**0 1** Single LED	**D** Domed
	0 3 Triple LED	**F** Chamfered
		P Pointed

④ **Material**	⑤ **Cable entry**	⑥ **Colour temperature**
I Iroko wood	**B** Base entry	**2 7** 2700K
O Oak wood	**S** Side entry	**3 0** 3000K
S Sapele wood		**4 0** 4000K

BL01
Wooden LED bollard

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
See page 115	1W	4000K	26°	95	95	267
See page 115	1W	3000K	26°	75	75	210
See page 115	1W	2700K	26°	70	70	204

These bollards are made to order in many cases, so please contact us for the latest lead times, and MOQ on 01604 495 151

INSTALLATION INFORMATION

Input	350mA / 700mA
Dimmable	Requires driver
Construction material	See page 111
Weight	5800g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Robust cable for outdoor use
- Hand-crafted wood and with an IP65 rating, this bollard is both a stunning and functional addition to outdoor areas
- The raw timber weathers over time to a beautiful colour or can be treated to maintain its original colour
- Suitable for coastal areas
- Iroko pointed bollard available on short lead time

SIZE DIAGRAM

Recessed mount
95x95mm
1000mm
735mm
265mm

Surface mo
95x95m
1000mm

ACCESSORIES

BOL LED BRACKET	Stainless steel bracket for BOL LED range
WCR 275 BLACK	2-core rubber cable

JB2 / JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector

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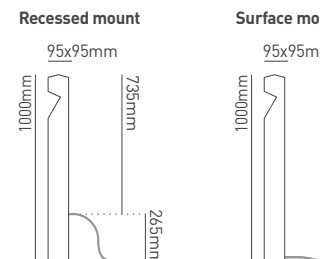
BL03
Straight to mains, wooden LED bollard

IP65 | >80Ra | 70,000h L70,B10 | 3SDCM

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
See page 115	5W	4000K	110°	246	49	104
See page 115	5W	3000K	110°	160	32	80
See page 115	5W	2700K	110°	156	31	78

These bollards are made to order in many cases, so please contact us for the latest lead times, and MOQ on 01604 495 151

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	17.9A 0.1ms
Construction material	See page 111
Weight	5500g
Class	Class II
Max. ambient temperature	35°C

BENEFITS

- Armoured cable as standard; no need for additional capping or conduit
- Hand-crafted wood and with an IP65 rating, this bollard is both a stunning and functional addition to outdoor areas
- The raw timber weathers over time to a beautiful colour or can be treated to maintain its original colour
- Suitable for coastal areas
- Iroko pointed bollard available on short lead time

SIZE DIAGRAM

Recessed mount
95x95mm
1000mm
735mm
265mm

Surface mo
95x95m
1000mm
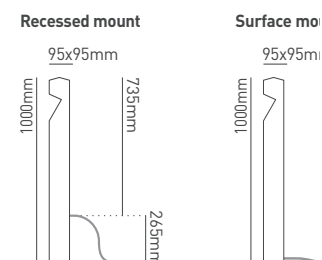
ACCESSORIES

BOL LED BRACKET	Stainless steel bracket for BOL LED range

JB5	Gel filled waterproof junction box

Flexible bollards.

Wide choice to suit your application

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

Head options

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

General illumination

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

Low glare

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

BOL10

BOL20

BOL30

Height options

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

Root mount

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

Half-height

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

Full-height

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

Straight to mains

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

240V

Bollard light distribution

The three bollard families have a different distribution of light according to their different styles, and is also affected by the bollard height.

See below for a handy overview of the spacing between the bollards in order to achieve a consistent light level of 20lux, perfect for a typical pathway.

BOL100
Midi 350mm high bollard
with 360° illumination

2m at 20lux

For a pathway consistently lit at 20 lux:

2m
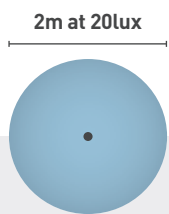
BOL101
Midi 650mm high bollard
with 360° illumination

2m at 20lux

For a pathway consistently lit at 20 lux:

2m
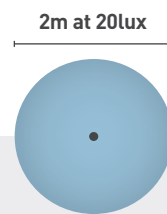
BOL200
Midi 500mm high bollard
with 360° illumination

2.35m at 20lux

For a pathway consistently lit at 20 lux:

2.35m
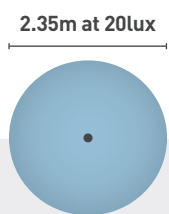
BOL201
Midi 900mm high bollard
with 360° illumination

2.6m at 20lux

For a pathway consistently lit at 20 lux:

2.6m
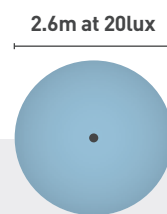
BOL300
Midi 500mm high bollard
with 360° illumination

2.65m at 20lux

For a pathway consistently lit at 20 lux:

2.65m
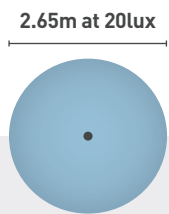
BOL301
Midi 900mm high bollard
with 360° illumination

3m at 20lux

For a pathway consistently lit at 20 lux:

3m

BOL100

Straight to mains IP54, 610lm post light

Guarantee / Warranty: 5 year extended warranty available

IP54 | IK04 | >80Ra | 30,000h L70,B10 | <5SDCM

BOL101X30

BOL100X30

PHOTOMETRICS @ 25°C

Product Code	Height	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
BOL100X30	350mm	11W	3000K	360°	610	55	92
BOL101X30	650mm	11W	3000K	360°	610	55	92

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Construction material	Aluminium / PVC
Weight	BOL100: 1200g BOL101: 1500g
Class	Class II
Max. ambient temperature	40°C

BENEFITS

Black powder coated finish

Straight to mains screw terminals

Can withstand rain with IP54 rating

Beam angle of 360° makes it ideal to light up car parking spaces and driveways

Great for soft illumination onto stone paths

Large arc of light can be used to light multiple steps at once

Suitable for coastal areas

SIZE DIAGRAM

Ø80mm
650mm

Ø80mm
350mm
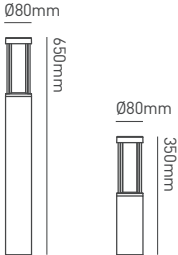
ACCESSORIES

JB5	IP68 waterproof junction box / Gel filled waterproof connector

BOL200
Straight to mains IP65, 930lm bollard

(IP65) (IK04) 〜 (>80Ra) (30,000h L70,B10) (<5SDCM)

Guarantee / Warranty: 5 year extended warranty available

BOL201X30

BOL200X30

PHOTOMETRICS @ 25°C

Product Code	Height	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
BOL200X30	500mm	23W	3000K	360°	930	40	108
BOL201X30	900mm	23W	3000K	360°	930	40	108

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Construction material	Aluminium / PVC
Weight	BOL200: 2600g BOL201: 4400g
Class	Class II
Max. ambient temperature	40°C

BENEFITS

- Black powder coated finish
- Straight to mains screw terminals
- Comes complete with root mounting kit
- Perfect for any outdoor condition with an IP65 rating
- Low glare 360° illumination, ideal for pathways, boundary marking, or general illumination of exterior spaces
- Suitable for coastal areas
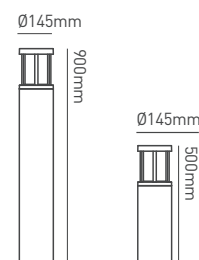
SIZE DIAGRAM

Ø145mm 900mm

Ø145mm 500mm

ACCESSORIES

Root mount kit	Included
JB5	IP68 waterproof junction box / Gel filled waterproof connector

BOL300
Straight to mains IP65, 500lm bollard

(IP65) (IK08) 〜 (>80Ra) (30,000h L70,B10) (<5SDCM)

Guarantee / Warranty: 5 year extended warranty available

BOL301X30

BOL300X30

PHOTOMETRICS @ 25°C

Product Code	Height	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
BOL300X30	500mm	23W	3000K	360°	500	22	144
BOL301X30	900mm	23W	3000K	360°	500	22	144

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Construction material	Aluminium / PVC
Weight	BOL300: 2900g BOL301: 4600g
Class	Class II
Max. ambient temperature	40°C

BENEFITS

- Black powder coated finish
- Straight to mains screw terminals
- Domed top for a low glare finish, and a minimum up spill of light making it comfortable on the eye
- Comes complete with root mounting kit
- Perfect for any outdoor condition with an IP65 rating
- Benefiting from light all round with a 360° beam angle
- Ideal for commercial use such as car parks and walk ways
- Suitable for coastal areas
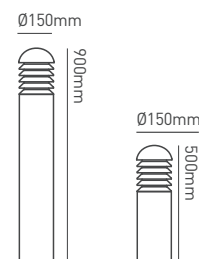
SIZE DIAGRAM

Ø150mm 900mm

Ø150mm 500mm

ACCESSORIES

Root mount kit	Included
JB5	IP68 waterproof junction box / Gel filled waterproof connector

LED strip.

Flexible or rigid, Collingwood Lighting's wide offering of LED strip lights are a time efficient way of creating stunning results in almost any environment. We offer a comprehensive range of accessories designed to ensure that installing these products is quick and easy. Collingwood's LED products contain output control technology, ensuring that all LEDs in the strip receive the same current are the same colour temperature and CRI throughout the entire length. IP rated strips allows the option to install outdoors, with very little maintenance required over time.

Choosing LED strip.

Find the ideal LED strip for your installation

You can use LED strip to create a variety of effects in landscape environments.

Outdoor spaces and underwater

For outdoor spaces, IP65 and above is perfect.
When installing LED strip under water, IP68 is the only choice.
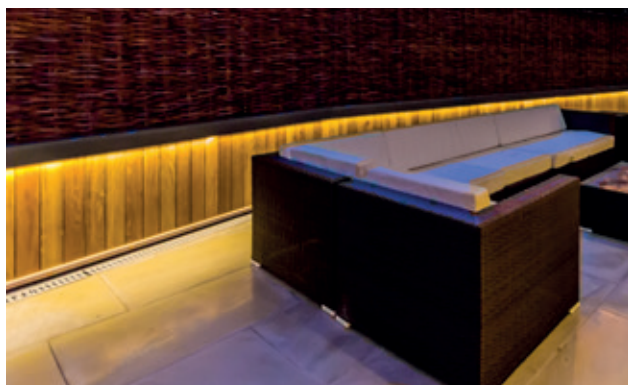
How warm or cool is the atmosphere required?

Choose the ideal colour temperature for your installation.

Warmest - 2700K

For a warm and intimate feel, use 2700K.

Warm - 3000K

For the warmth of a halogen, use 3000K.

Natural white - 4000K

To replicate the look of daylight, use 4000K.

IP rating

All of our outdoor LED strip is IP68. We offer a bespoke cutting service that will maintain the LED strip's IP68 rating.

IP68

Can be submerged it water permanently.

IP68

Bespoke lengths

Use the information and table below to order your bespoke length LED strip.

Get the exact amount of LED strip required to the nearest cutting point. Our IP68 LED strip is current regulated and can run for lengths up to 20 meters, without experiencing any light drop off.

IP68 When the IP68 rated strip are cut to a bespoke length, the connections are sealed to ensure they retain their IP rating.

Replace the last 3 digits with the codes below for the required length.

L   S   C   8   2   2   2 7   0   0   1

2 → 4 5 6
2 7 → 3 4 / 0 0
0 0 1 → 0 0 2 / 0 0 3 / 0 0 4 / 0 0 5

Product code	Length (metre)	Product code	Length (metre)	Product code	Length (metre)	Product code	Length (metre)	Product code	Length (metre)	Product code	Length (metre)	Product code	Length (metre)	Product code	Length (metre)
001	0.1	026	2.6	051	5.1	076	7.6	101	10.1	126	12.6	151	15.1	176	17.6
002	0.2	027	2.7	052	5.2	077	7.7	102	10.2	127	12.7	152	15.2	177	17.7
003	0.3	028	2.8	053	5.3	078	7.8	103	10.3	128	12.8	153	15.3	178	17.8
004	0.4	029	2.9	054	5.4	079	7.9	104	10.4	129	12.9	154	15.4	179	17.9
005	0.5	030	3	055	5.5	080	8	105	10.5	130	13	155	15.5	180	18
006	0.6	031	3.1	056	5.6	081	8.1	106	10.6	131	13.1	156	15.6	181	18.1
007	0.7	032	3.2	057	5.7	082	8.2	107	10.7	132	13.2	157	15.7	182	18.2
008	0.8	033	3.3	058	5.8	083	8.3	108	10.8	133	13.3	158	15.8	183	18.3
009	0.9	034	3.4	059	5.9	084	8.4	109	10.9	134	13.4	159	15.9	184	18.4
010	1	035	3.5	060	6	085	8.5	110	11	135	13.5	160	16	185	18.5
011	1.1	036	3.6	061	6.1	086	8.6	111	11.1	136	136	161	16.1	186	18.6
012	1.2	037	3.7	062	6.2	087	8.7	112	11.2	137	13.7	162	16.2	187	18.7
013	1.3	038	3.8	063	6.3	088	8.8	113	11.3	138	13.8	163	16.3	188	18.8
014	1.4	039	3.9	064	6.4	089	8.9	114	11.4	139	13.9	164	16.4	189	18.9
015	1.5	040	4	065	6.5	090	9	115	11.5	140	14	165	16.5	190	19
016	1.6	041	4.1	066	6.6	091	9.1	116	11.6	141	14.1	166	16.6	191	19.1
017	1.7	042	4.2	067	6.7	092	9.2	117	11.7	142	14.2	167	16.7	192	19.2
018	1.8	043	4.3	068	6.8	093	9.3	118	11.8	143	14.3	168	16.8	193	19.3
019	1.9	044	4.4	069	6.9	094	9.4	119	11.9	144	14.4	169	16.9	194	19.4
020	2.0	045	4.5	070	7	095	9.5	120	12	145	14.5	170	17	195	19.5
021	2.1	046	4.6	071	7.1	096	9.6	121	12.1	146	14.6	171	17.1	196	19.6
022	2.2	047	4.7	072	7.2	097	9.7	122	12.2	147	14.7	172	17.2	197	19.7
023	2.3	048	4.8	073	7.3	098	9.8	123	12.3	148	14.8	173	17.3	198	19.8
024	2.4	049	4.9	074	7.4	099	9.9	124	12.4	149	14.9	174	17.4	199	19.9
025	2.5	050	5	075	7.5	100	10	125	12.5	150	15	175	17.5	200	20

LSC82

Current regulated, IP68, self-adhesive, up to 20m LED strip

IP68 | >80Ra | 60,000h | 3SDCM

Guarantee / Warranty: 5 year guarantee

PHOTOMETRICS @ 25°C

Product Code	Max run length	LED/m	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSV8240050	Max run 20m	60 LEDs/m	4.8W/m	4000K	120°	420	88	127
LSV8230050	Max run 20m	60 LEDs/m	4.8W/m	3000K	120°	380	79	115
LSV8227050	Max run 20m	60 LEDs/m	4.8W/m	2700K	120°	360	75	109

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Construction material	Flexible tape with silicone coating
Weight	110g/m
Class	Class III
Max. ambient temperature	-20°C to 45°C
Maximum run length	20m

BENEFITS

IP68 4.8W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Cut points every 100mm

Not suitable for installation in bromine environments

Supplied with 500mm fly lead

High quality silicon coating ensures suitability for submersion to 1m in chlorine and salt water environments

SIZE DIAGRAM

20m/100mm

12x5mm

ACCESSORIES

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers

LSC85

Current regulated, IP68, self-adhesive, up to 20m LED strip

IP68 | >80Ra | 60,000h | 3SDCM

Guarantee / Warranty: 5 year guarantee

PHOTOMETRICS @ 25°C

Product Code	Max run length	LED/m	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSV8540050	Max run 20m	120 LEDs/m	9.6W/m	4000K	120°	850	89	275
LSV8530050	Max run 20m	120 LEDs/m	9.6W/m	3000K	120°	800	83	259
LSV8527050	Max run 20m	120 LEDs/m	9.6W/m	2700K	120°	760	79	246

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Construction material	Flexible tape with silicone coating
Weight	147g/m
Class	Class III
Max. ambient temperature	-20°C to 45°C
Maximum run length	20m

BENEFITS

IP68 9.6W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Cut points every 50mm

Not suitable for installation in bromine environments

Supplied with 500mm fly lead

High quality silicon coating ensures suitability for submersion to 1m in chlorine and salt water environments

SIZE DIAGRAM

20m/50mm

14x5mm

ACCESSORIES

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers

LSC84

Current regulated, IP68, self-adhesive, up to 10m LED strip

IP68   >80Ra   60,000h   3SDCM

Guarantee / Warranty: 5 year guarantee

PHOTOMETRICS @ 25°C

Product Code	Max run length	LED/m	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSV8440050	Max run 10m	120 LEDs/m	14.4W/m	4000K	120°	1250	87	404
LSV8430050	Max run 10m	120 LEDs/m	14.4W/m	3000K	120°	1150	80	372
LSV8427050	Max run 10m	120 LEDs/m	14.4W/m	2700K	120°	1050	73	340

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Construction material	Flexible tape with silicone coating
Weight	147g/m
Class	Class III
Max. ambient temperature	-20°C to 45°C
Maximum run length	10m

BENEFITS

IP68 14.4W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Cut points every 50mm

Not suitable for installation in bromine environments

Supplied with 500mm fly lead

High quality silicon coating ensures suitability for submersion to 1m in chlorine and salt water environments

SIZE DIAGRAM

10m/50mm

14x5mm

ACCESSORIES

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers
JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector		

LSC86

Current regulated, IP68, self-adhesive, up to 10m LED strip

IP68   >80Ra   60,000h   3SDCM

Guarantee / Warranty: 5 year guarantee

PHOTOMETRICS @ 25°C

Product Code	Max run length	LED/m	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSV8640050	Max run 10m	144 LEDs/m	17W/m	4000K	120°	1400	82	453
LSV8630050	Max run 10m	144 LEDs/m	17W/m	3000K	120°	1350	79	421
LSV8627050	Max run 10m	144 LEDs/m	17W/m	2700K	120°	1250	74	405

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Requires PDCINT1-10V
Construction material	Flexible tape with silicone coating
Weight	147g/m
Class	Class III
Max. ambient temperature	-20°C to 45°C
Maximum run length	10m

BENEFITS

IP68 17W/m LED strip pack

Ideal for use outside when waterproofing is required

Can be submerged in water permanently as a complete length

Cut points every 41mm

Not suitable for installation in bromine environments

Supplied with 500mm fly lead

High quality silicon coating ensures suitability for submersion to 1m in chlorine and salt water environments

SIZE DIAGRAM

10m/41.6mm

14x5mm

ACCESSORIES

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers
JB4 / JB6	IP68 waterproof junction box / Gel filled waterproof connector		

Neon strip.

Key features

How warm or cool is the atmosphere required?

Choose the ideal colour temperature for your installation.

Warmest - 2700K

For a warm and intimate feel, use 2700K.

Warm - 3000K

For the warmth of a halogen, use 3000K.

Natural white - 4000K

To replicate the look of daylight, use 4000K.
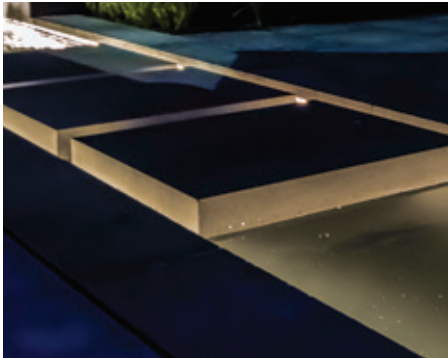
Outdoor spaces and underwater

For outdoor spaces, IP65 and above is perfect. When installing Neon strip under water, IP67.

Low glare

The low glare nature of the strip, alongside the flexible design, makes it ideal for creating decorative effects in indoor or outdoor applications.

UGR 22

IP67

Ideal for use in outdoor areas making it the perfect choice for landscapes and wet environments.

IP67

IK08

We've made out neon strip durable to withstand tough environments making it perfect for use in landscapes.

IK08

Dot-less

Most LED strip will have visible dots of light where the chips are, but our neon strip shows a clean smooth line of light for a premium look.

Find the ideal neon strip for your installation

Side bending

Side bending strip is ideal for use alongside the creation of cylindrical shapes within indoor and outdoor applications. For example, around water features, bars and columns.

Vertical bending

Vertical bending strip is ideal for use in the creation of rounded corners in architectural and landscape features. Long linear light patterns in creating secondary lit effects is an effective use of vertical bending strip.
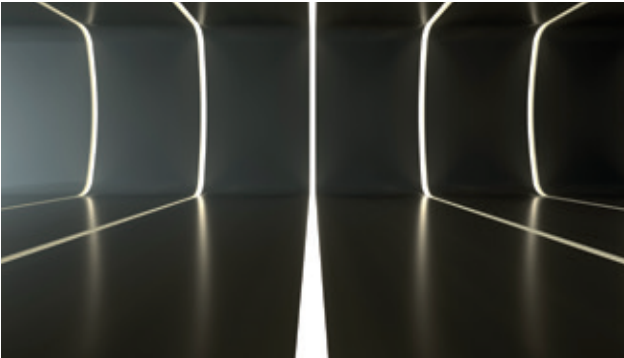
Use the matrix below to choose the ideal LED strip for your installation.

Ideal for flat surfaces with a curved line of light.

Partcode	Bend direction	Wattage	Colour temperature	Length
LSNS7327030	Horizontal	6.5W/m	2700K	3m
LSNS7327050	Horizontal	6.5W/m	2700K	5m
LSNS7327100	Horizontal	6.5W/m	2700K	10m
LSNS7330030	Horizontal	6.5W/m	3000K	3m
LSNS7330050	Horizontal	6.5W/m	3000K	5m
LSNS7330100	Horizontal	6.5W/m	3000K	10m
LSNS7340030	Horizontal	6.5W/m	4000K	3m
LSNS7340050	Horizontal	6.5W/m	4000K	5m
LSNS7340100	Horizontal	6.5W/m	4000K	10m
LSNS7527030	Horizontal	9.6W/m	2700K	3m
LSNS7527050	Horizontal	9.6W/m	2700K	5m
LSNS7530030	Horizontal	9.6W/m	3000K	3m
LSNS7530050	Horizontal	9.6W/m	3000K	5m
LSNS7540030	Horizontal	9.6W/m	4000K	3m
LSNS7540050	Horizontal	9.6W/m	4000K	5m

Ideal for curved surfaces with a straight line of light.

Partcode	Bend direction	Wattage	Colour temperature	Length
LSNT7327030	Vertical	6.5W/m	2700K	3m
LSNT7327050	Vertical	6.5W/m	2700K	5m
LSNT7327100	Vertical	6.5W/m	2700K	10m
LSNT7330030	Vertical	6.5W/m	3000K	3m
LSNT7330050	Vertical	6.5W/m	3000K	5m
LSNT7330100	Vertical	6.5W/m	3000K	10m
LSNT7340030	Vertical	6.5W/m	4000K	3m
LSNT7340050	Vertical	6.5W/m	4000K	5m
LSNT7340100	Vertical	6.5W/m	4000K	10m
LSNT7527030	Vertical	9.6W/m	2700K	3m
LSNT7527050	Vertical	9.6W/m	2700K	5m
LSNT7530030	Vertical	9.6W/m	3000K	3m
LSNT7530050	Vertical	9.6W/m	3000K	5m
LSNT7540030	Vertical	9.6W/m	4000K	3m
LSNT7540050	Vertical	9.6W/m	4000K	5m

LED strip

LSNS73

6.5 W/m, IP67, 24V constant voltage, side bend, waterproof flexible neon strip

(IP67) (IK08) (>80Ra) (60,000h L70,B10) (3SDCM)

Guarantee / Warranty: 5 year extended warranty

PHOTOMETRICS @ 25°C

Product Code	Real length	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSNS7340030	3m	6.5W/m	4000K	120°	280	43	85
LSNS7330030	3m	6.5W/m	3000K	120°	270	42	82
LSNS7327030	3m	6.5W/m	2700K	120°	260	40	79
LSNS7340050	5m	6.5W/m	4000K	120°	280	43	85
LSNS7330050	5m	6.5W/m	2700K	120°	270	42	82
LSNS7327050	5m	6.5W/m	3000K	120°	260	40	79
LSNS7340100	10m	6.5W/m	4000K	120°	280	43	85
LSNS7330100	10m	6.5W/m	3000K	120°	270	42	82
LSNS7327100	10m	6.5W/m	2700K	120°	260	40	79

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Driver dependent
Construction material	Flexible tape with silicone coating
Weight	234g/m
Class	Class III
Max. ambient temperature	-20°C to 40°C
Maximum run length	10m

BENEFITS

IP67 rated making it suitable for wet environments

Ideal for accent lighting in landscape, architectural and decorative projects

Cut points are every 50mm

Has high quality LED strip maintaining light quality and consistency

Long lengths (up to 10m) suffer no light loss

500mm flying leads soldered

Has a high-grade silicone extruded coating, UV and chemical resistant (chlorine & salt water)

Bends sideways, up to 60mm radius

A range of fixing accessories, both rigid and flexible, allowing various installations
Fixing accessories need to be acquired to allow install the neon strip

SIZE DIAGRAM

3m,5m,10m/50mm

17mm

12mm

ACCESSORIES

LSNS12	Range of connection and fixing accessories
LED STRIP PROFILE RANGE	Profile range to house neon strip

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers

LSNS75

9.6 W/m, IP67, 24V constant voltage, side bend, waterproof flexible neon strip

IP67   IK08   >80Ra   60,000h L70,B10   3SDCM

Guarantee / Warranty: 5 year extended warranty

PHOTOMETRICS @ 25°C

Product Code	Real length	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSNS7540030	3m	9.6W/m	4000K	120°	450	47	137
LSNS7530030	3m	9.6W/m	3000K	120°	440	46	135
LSNS7527030	3m	9.6W/m	2700K	120°	430	45	131
LSNS7540050	5m	9.6W/m	4000K	120°	450	47	137
LSNS7530050	5m	9.6W/m	2700K	120°	440	46	135
LSNS7527050	5m	9.6W/m	3000K	120°	430	45	131

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Driver dependent
Construction material	Flexible tape with silicone coating
Weight	234g/m
Class	Class III
Max. ambient temperature	-20°C to 40°C
Maximum run length	5m

BENEFITS

IP67 rated making it suitable for wet environments

Ideal for accent lighting in landscape, architectural and decorative projects

Cut points are every 50mm

Has high quality LED strip maintaining light quality and consistency

Long lengths (up to 5m) suffer no light loss

500mm flying leads soldered

Has a high-grade silicone extruded coating, UV and chemical resistant (chlorine & salt water)

Bends sideways, up to 60mm radius

A range of fixing accessories, both rigid and flexible, allowing various installations
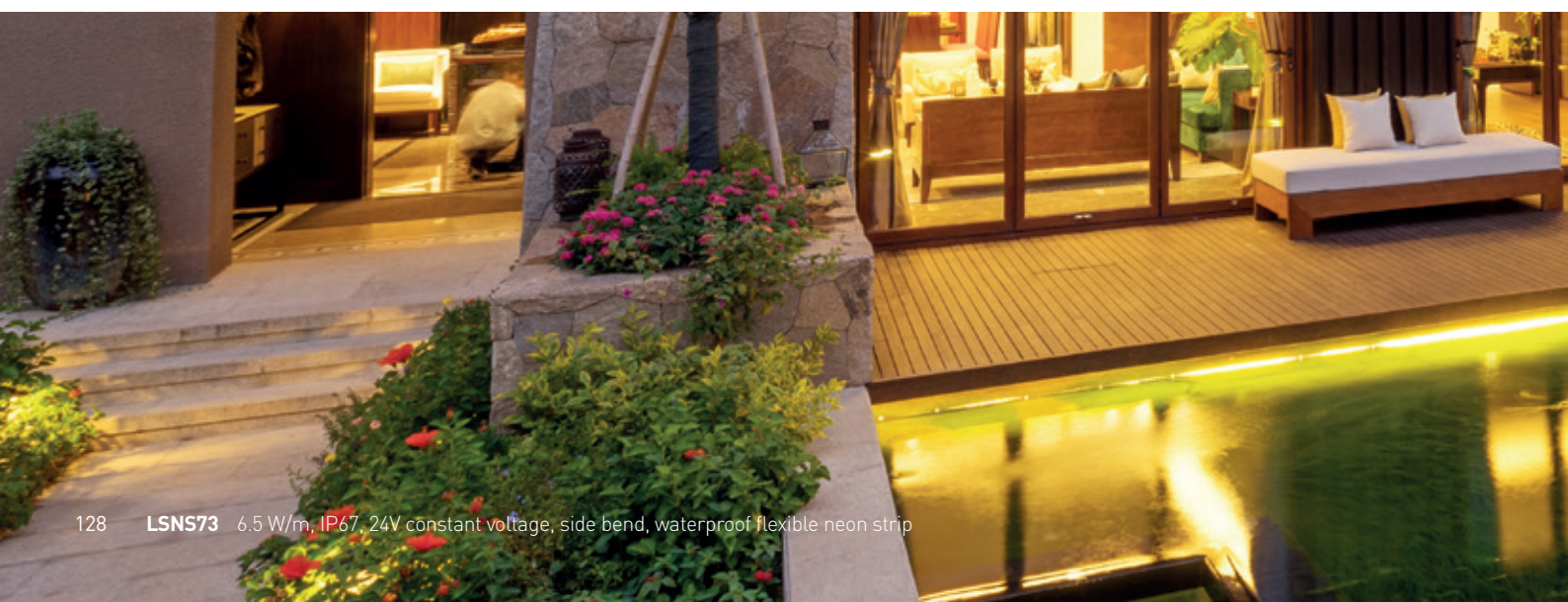Fixing accessories need to be acquired to allow install the neon strip

SIZE DIAGRAM

3m,5m/50mm

17mm

12mm

ACCESSORIES

LSNS12	Range of connection and fixing accessories
LED STRIP PROFILE RANGE	Profile range to house neon strip

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers

LED strip

LSNT73

6.5 W/m, IP67, 24V constant voltage, top bend, waterproof flexible neon strip

(IP67) (IK08) (>80Ra) (60,000h L70,B10) (3SDCM)

Guarantee / Warranty: 5 year extended warranty

PHOTOMETRICS @ 25°C

Product Code	Real length	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSNT7340030	3m	6.5W/m	4000K	120°	490	75	159
LSNT7330030	3m	6.5W/m	3000K	120°	480	74	156
LSNT7327030	3m	6.5W/m	2700K	120°	470	72	152
LSNT7340050	5m	6.5W/m	4000K	120°	490	75	159
LSNT7330050	5m	6.5W/m	2700K	120°	480	74	156
LSNT7327050	5m	6.5W/m	3000K	120°	470	72	152
LSNT7340100	10m	6.5W/m	4000K	120°	490	75	159
LSNT7330100	10m	6.5W/m	3000K	120°	480	74	156
LSNT7327100	10m	6.5W/m	2700K	120°	470	72	152

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Driver dependent
Construction material	Flexible tape with silicone coating
Weight	172g/m
Class	Class III
Max. ambient temperature	-20°C to 40°C
Maximum run length	10m

BENEFITS

IP67 rated making it suitable for wet environments

Ideal for accent lighting in landscape, architectural and decorative projects

Cut points are every 50mm

Has high quality LED strip maintaining light quality and consistency

Long lengths (up to 10m) suffer no light loss

500mm flying leads soldered

Has a high-grade silicone extruded coating, UV and chemical resistant (chlorine & salt water)

Bend up and down, up to 60mm radius

A range of fixing accessories, both rigid and flexible, allowing various installations
Fixing accessories need to be acquired to allow install the neon strip

SIZE DIAGRAM

3m,5m,10m/50mm

12mm

13mm

ACCESSORIES

LSNT12	Range of connection and fixing accessories	PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
LED STRIP PROFILE RANGE	Profile range to house neon strip	PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers

LSNT75

9.6 W/m, IP67, 24V constant voltage, top bend, waterproof flexible neon strip

IP67 | **IK08** | **>80Ra** | **60,000h** L70,B10 | **3SDCM**

Guarantee / Warranty: 5 year extended warranty

PHOTOMETRICS @ 25°C

Product Code	Real length	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
LSNT7540030	3m	9.6W/m	4000K	120°	710	74	230
LSNT7530030	3m	9.6W/m	3000K	120°	700	73	227
LSNT7527030	3m	9.6W/m	2700K	120°	690	72	224
LSNT7540050	5m	9.6W/m	4000K	120°	710	74	230
LSNT7530050	5m	9.6W/m	2700K	120°	700	73	227
LSNT7527050	5m	9.6W/m	3000K	120°	690	72	224

INSTALLATION INFORMATION

Input	24V DC
Dimmable	Driver dependent
Construction material	Flexible tape with silicone coating
Weight	172g/m
Class	Class III
Max. ambient temperature	-20°C to 40°C
Maximum run length	5m

BENEFITS

IP67 rated making it suitable for wet environments

Ideal for accent lighting in landscape, architectural and decorative projects

Cut points are every 50mm

Has high quality LED strip maintaining light quality and consistency

Long lengths (up to 5m) suffer no light loss

500mm flying leads soldered

Has a high-grade silicone extruded coating, UV and chemical resistant (chlorine & salt water)

Bend up and down, up to 60mm radius

A range of fixing accessories, both rigid and flexible, allowing various installations
Fixing accessories need to be acquired to allow install the neon strip

SIZE DIAGRAM

3m,5m/50mm

12mm

13mm

ACCESSORIES

LSNT12	Range of connection and fixing accessories
LED STRIP PROFILE RANGE	Profile range to house neon strip

PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers

Soffit downlights.

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

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

Soffit downlights.

Bring your landscape lighting scheme to your door

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

IP65 front and back

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

IP65 from back

IP65 from front

Corrosion resistant protection

Rust resistant technology keeps the product looking great for its entire lifespan.
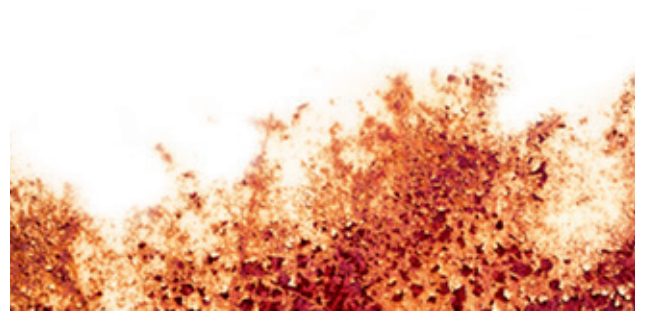
Salt mist protective paint

Specialist paint ensures protection in coastal areas.

Colour temperatures

Choose the ideal colour temperature for your installation.

3000K

4000K

H2 Pro Extreme
IP65, all weather downlight

IP65 | >80Ra | 40,000h L70,B10 | 3SDCM

Guarantee / Warranty: 4 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Finish	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
DL48938BLK40	Matt black	4.6W	4000K	38°	490	106	873
DL48938BLK30	Matt black	4.6W	3000K	38°	460	100	820
DL48938BSK40	Brushed steel	4.6W	4000K	38°	490	106	873
DL48938BSK30	Brushed steel	4.6W	3000K	38°	460	100	820
DL48938GY40	Grey	4.6W	4000K	38°	490	106	873
DL48938GY30	Grey	4.6W	3000K	38°	460	100	820
DL48938MW40	Matt white	4.6W	4000K	38°	490	106	873
DL48938MW30	Matt white	4.6W	3000K	38°	460	100	820

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	Yes
Cut-out size	Ø65 - 75mm
Inrush current	1.0A 0.25ms
Construction material	Aluminium
Weight	185g
Class	Class II
Max. ambient temperature	40°C
Max. ceiling thickness	30mm
Building Regulations	Part P and L

BENEFITS

IP65 from the front and back ensuring complete protection against the elements

Dimmable for ultimate flexibility

Corrosion resistant technology

Complete with matt white or black bezel bezel

Designed for external use

Suitable for coastal areas

Supplied with 500mm fly leads

SIZE DIAGRAM

Ø90mm

45mm

Ø65-75
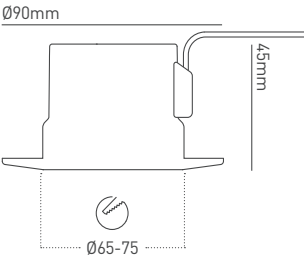
ACCESSORIES

N/A	No accessories required

Residential floodlights.

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

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

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

Residential floodlights.

Functional and security lighting

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

IP65 directional PIR sensor

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.

With the three adjustable toggles beneath the PIR sensor, customise settings such as motion sensitivity, lux levels and time required. Each option has a symbol clearly marked, from increasing to decreasing setting of each function. There is a manual override function which disables the PIR sensor when required.

How does it work

PIR sensors detect changes in heat within the surrounding space. When a new object enters the area the infrared energy levels change rapidly, this trips the sensor and turns on the light.
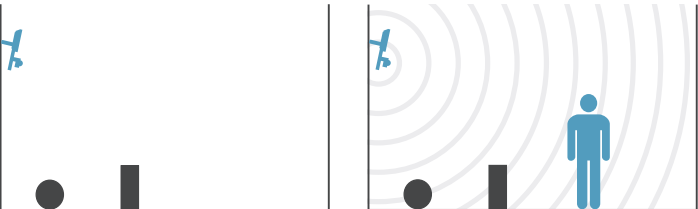
High efficacy

Up to 130lm/W, we're proud to offer our floodlights as the most energy efficient we've ever produced.

A cost saving over time and beneficial with regards to environmental welfare.

130lm/W

Coastal areas

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

Rust protection

Salt mist protection

Colour switchable

We've designed this light with three colour temperatures which can be changed using an IP65 switch on the back.

3000K   **4000K**   **6500K**

Warranty

Standard

5-year extended warranty available.

With PIR

3-year extended warranty available.

Temperature range

Capable of performing in the extremist of conditions.

-40°C to 40°C
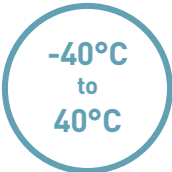
Flicker-free

The two benefits of a flicker-free light are:

Visual comfort

Flickering lights can create uncomfortable environments and health problems such as migraines, so flicker-free alternatives make for a more comfortable setting.

Security

Flickering floodlights disrupt the quality of CCTV images. However, using flicker-free alongside cameras will ensure a perfect, crisp image.

Adjustable bracket

With an adjustable bracket, our product can be positioned in any direction.

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.

Easy installation

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 attached onto the bracket with screws and installation is completed.
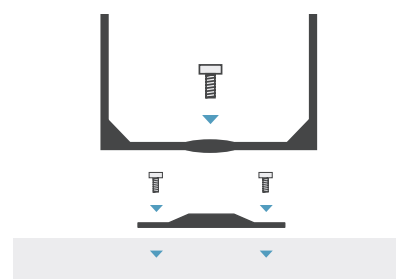
Product comparison

Using the diagram below, determine which size product and output is suitable for your installation.
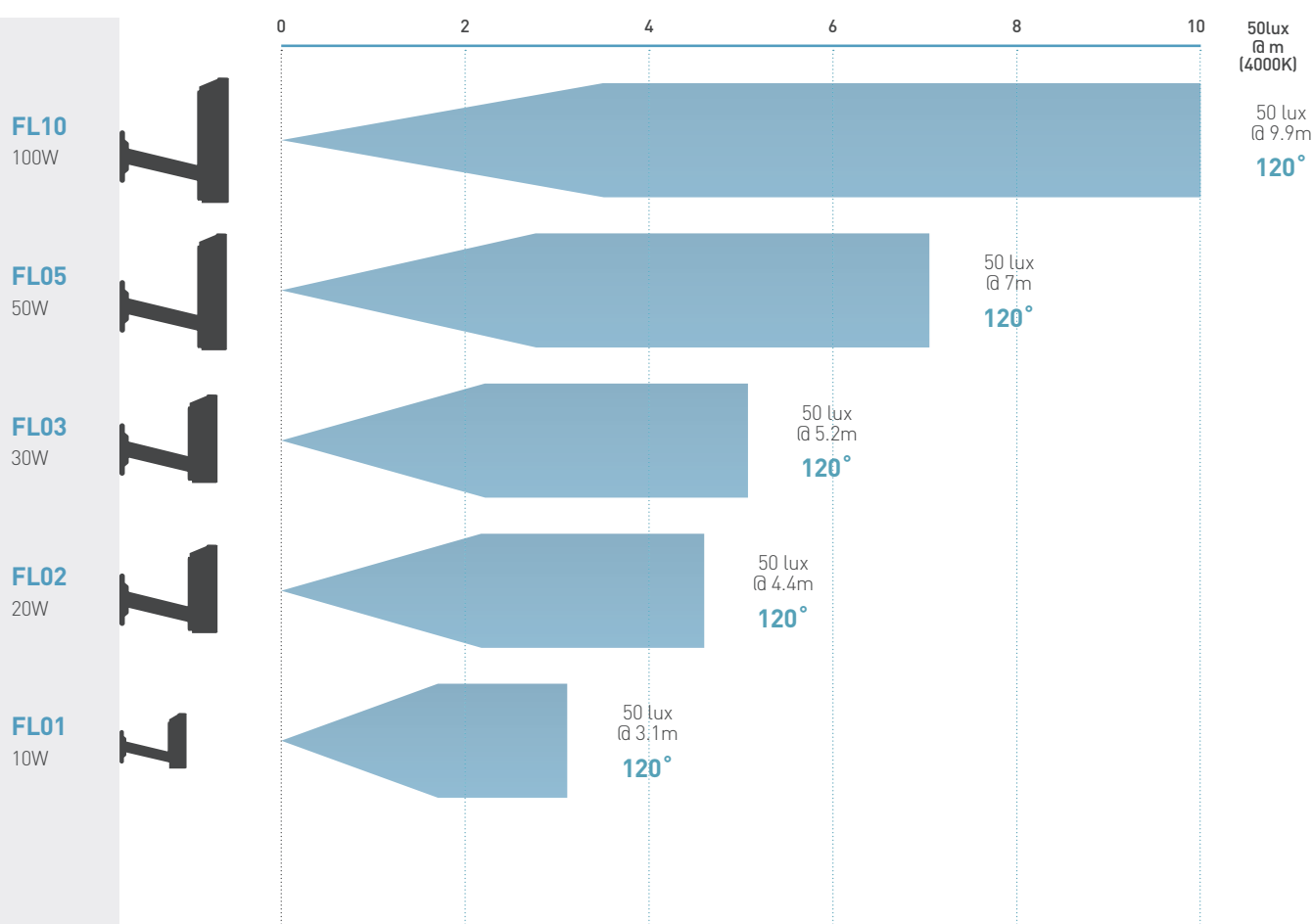
| | 0 | 2 | 4 | 6 | 8 | 10 | 50lux @ m (4000K) |

FL10 100W — 50 lux @ 9.9m **120°**

FL05 50W — 50 lux @ 7m **120°**

FL03 30W — 50 lux @ 5.2m **120°**

FL02 20W — 50 lux @ 4.4m **120°**

FL01 10W — 50 lux @ 3.1m **120°**

FL01

10W colour switchable floodlight

UGR 14 | IP65 | IK07 | 360° | 180° | >80Ra | 50,000h L70,B50 | <5SDCM

Guarantee / Warranty: 5 year extended warranty. 3 year on PIR.

PHOTOMETRICS @ 25°C

Product Code	Finish	Sensor	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
FL01BXCS	Black	Non PIR sensor	10W	6500K	120°	1300	130	463
				4000K	120°	1150	115	484
				3000K	120°	1100	110	421
FL01BPCS	Black	PIR sensor	10W	6500K	120°	1300	130	463
				4000K	120°	1150	115	484
				3000K	120°	1100	110	421

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	10A 262µs
Construction material	Black painted cast aluminium
Weight	Non PIR: 440g PIR: 480g
Class	Class I
Max. ambient temperature	-40°C to 40°C
Flicker free	Yes

BENEFITS

Colour switchable between 3 colour temperatures

First mount, detachable circular bracket for speed of install

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

Suitable for coastal areas

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

Supplied with 1m cable

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

SIZE DIAGRAM

110mm | 30mm | 110mm | 50mm
205mm | | 205mm |
Non-PIR | | PIR
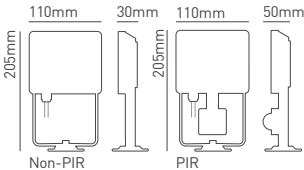
ACCESSORIES

N/A	No accessories required

FL02

20W colour switchable floodlight

UGR 14 | IP65 | IK07 | 360° | 180° | >80Ra | 50,000h L70,B50 | <5SDCM

Guarantee / Warranty: 5 year extended warranty. 3 year on PIR.

PHOTOMETRICS @ 25°C

Product Code	Finish	Sensor	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
FL02BXCS	Black	Non PIR sensor	20W	6500K	120°	2400	120	943
				4000K	120°	2400	120	986
				3000K	120°	2200	110	858
FL02BPCS	Black	PIR sensor	20W	6500K	120°	2400	120	943
				4000K	120°	2400	120	986
				3000K	120°	2200	110	858

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	11A 474µs
Construction material	Black painted cast aluminium
Weight	Non PIR: 580g PIR: 620g
Class	Class I
Max. ambient temperature	-40°C to 40°C
Flicker free	Yes

BENEFITS

Colour switchable between 3 colour temperatures

First mount, detachable circular bracket for speed of install

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

Suitable for coastal areas

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

Supplied with 1m cable

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

SIZE DIAGRAM

150mm | 30mm | 150mm | 50mm
230mm | | 230mm |
Non-PIR | | PIR
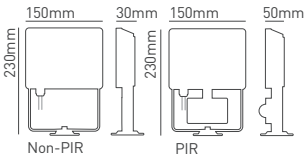
ACCESSORIES

N/A	No accessories required

FL03

30W colour switchable floodlight

UGR 14 | IP65 | IK07 | 360° | 180° | >80Ra | 50,000h L70,B50 | <5SDCM

Guarantee / Warranty: 5 year extended warranty. 3 year on PIR.

PHOTOMETRICS @ 25°C

Product Code	Finish	Sensor	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
FL03BXCS	Black	Non PIR sensor	30W	6500K	120°	3900	130	1280
				4000K	120°	3300	110	1366
				3000K	120°	3000	100	1195
FL03BPCS	Black	PIR sensor	30W	6500K	120°	3900	130	1280
				4000K	120°	3300	110	1366
				3000K	120°	3000	100	1195

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	30A 4µs
Construction material	Black painted cast aluminium
Weight	Non PIR: 590g PIR: 630g
Class	Class I
Max. ambient temperature	-40°C to 40°C
Flicker free	Yes

BENEFITS

Colour switchable between 3 colour temperatures

First mount, detachable circular bracket for speed of install

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

Suitable for coastal areas

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

Supplied with 1m cable

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

SIZE DIAGRAM

150mm | 30mm | 150mm | 50mm
230mm | 230mm

Non-PIR | PIR
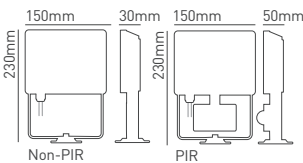
ACCESSORIES

N/A	No accessories required

FL05

50W colour switchable floodlight

UGR 14 | IP65 | IK07 | 360° | 180° | >80Ra | 50,000h L70,B50 | <4SDCM

Guarantee / Warranty: 5 year extended warranty. 3 year on PIR.

PHOTOMETRICS @ 25°C

Product Code	Finish	Sensor	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
FL05BXCS	Black	Non PIR sensor	50W	6500K	120°	5100	102	2230
				4000K	120°	5600	112	2449
				3000K	120°	5000	100	2230
FL05BPCS	Black	PIR sensor	50W	6500K	120°	5100	102	2230
				4000K	120°	5600	112	2449
				3000K	120°	5000	100	2230

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	28A 13μs
Construction material	Black painted cast aluminium
Weight	Non PIR: 1220g PIR: 1250g
Class	Class I
Max. ambient temperature	-40°C to 40°C
Flicker free	Yes

BENEFITS

Colour switchable between 3 colour temperatures

First mount, detachable circular bracket for speed of install

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

Suitable for coastal areas

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

Supplied with 1m cable

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

SIZE DIAGRAM

180mm | 50mm | 180mm | 70mm
320mm | | 320mm |

Non-PIR | PIR
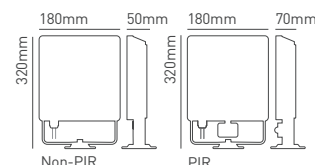
ACCESSORIES

N/A	No accessories required

FL10

50W colour switchable floodlight

UGR 14 | IP65 | IK07 | 360° | 180° | >80Ra | 50,000h L70,B50 | <4SDCM

Guarantee / Warranty: 5 year extended warranty

PHOTOMETRICS @ 25°C

Product Code	Finish	Sensor	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
FL10BXCS	Black	Non PIR sensor	100W	6500K	120°	10970	110	4575
				4000K	120°	11810	118	4926
				3000K	120°	10250	103	4275

INSTALLATION INFORMATION

Input	Mains AC
Dimmable	No
Inrush current	75A 5μs
Construction material	Black painted cast aluminium
Weight	2100g
Class	Class I
Max. ambient temperature	-40°C to 40°C
Flicker free	Yes

BENEFITS

Colour switchable between 3 colour temperatures

First mount, detachable circular bracket for speed of install

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

Suitable for coastal areas

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

Supplied with 1m cable

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

SIZE DIAGRAM

235mm | 90mm
385mm |
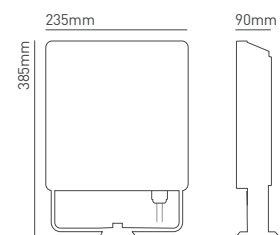
ACCESSORIES

N/A	No accessories required

Colour change.

Our RGBW range of colour change products provides increased flexibility to improve the atmosphere of indoor and outdoor spaces. The difference between RGB and RGBW is a white LED. Adding white to the colour mix gives the option to create pastel shades as well as vibrant colour choices. RGBW can also be run on white, giving you the option of more natural lighting when required.

To complement our RGBW products we also offer a new control system range. This makes it easy to create different lighting zones allowing individual control of separate areas using a single hand held control, wall mounted control or a smart device App for Android and iOS.

① Zones.

Remotes

A zone can cover any space you choose. They can be assigned to different areas of your landscape and you can adjust them completely independently from one another using your remote control.

Wall mounted remote control - WC2820BLK / WC2820WH - **1-4 zones**

Hand held remote control - RC2819 - **1-6 zones**

CollingwoodRGBW app - with TR2818 (requires 15W driver) - **1-8 zones**

| Zone 1 | Zone 2 | Zone 3 | Zone 4 | Zone 5 | Zone 6 | Zone 7 | Zone 8 |

WC2820WH | WC2820BLK
Wall mount RGBW remote controls

Using radio frequency (RF) removes the need to connect a signal cable to the controller for a cleaner and quicker installation. By simply touching the screen, select solid colours or start a cycle to change the atmosphere. Colours can also be dimmed by holding down the colour button.

RC2819
Handheld remote control

Select solid colours or start a colour changing cycle to create the perfect atmosphere. Colours can also be dimmed by holding down the colour button. From just one remote control you can select up to 6 different rooms and change the colours individually to suit. A maximum of 8 remote controls can be used and programmed to store your favourite colours.
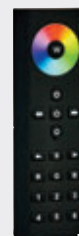
CollingwoodRGBW app
iphone, ipad & android app for wireless control

Control RGB & RGBW products with a smart device for up to 8 zones. By simply touching the screen, select solid colours, start a cycle or control lights via a sound to light option. The app can be downloaded for free on Android and iOS.

Note: Use in conjunction with **TR2818**.

TR2818
WiFi to RF transmitter

Controlling RGB & RGBW products with a phone, computer or tablet could not be easier with the TR2818. Simply add this unit into your Collingwood Lighting colour change installation and select millions of colours in comfort. Using the CollingwoodRGBW app simply connect directly to the TR2818 or via your own WiFi.

Note: The TR2818 requires a 15W driver such as the **PS1524**.

Controllers.

Which one and what power supply?

A controller is the device that receives a signal from your remote or DMX control system and then makes the LEDs match the colour you have set. You need one controller in each zone to adjust all of the LEDs in that zone.

You will have already decided how many zones you are going to have. If you are controlling eight or less zones then you will need the C100924 controller.

C100924

RGB & RGBW controller for up to 1-8 zones

The C100924 is essential to complete any Collingwood Lighting colour change installation. Receiving the signal from your remote control or device using radio frequency (RF) makes this a fast, simple and flexible method of achieving atmospheric lighting. By removing the need for complicated DMX systems, multi zone colour change can be achieved. Use the C100924 for each zone up to a maximum of 8. The C100924 works with both the PR3011 and the PR3002 power repeaters.

DMX2102

RGB & RGBW DMX decoder

Use the DMX2102 when using a DMX512 controller only. As part of your Collingwood Lighting colour change installation, simply replace the C100924 controller with the DMX2102 and create up to 512 channels, perfect for the larger installations and when an existing DMX controller is used. The DMX2102 works with both the PR3011 and the PR3002 power repeaters.

Don't forget your 24V driver to power your controller

Now that you know how many power repeaters you have in each zone you will be able to use the table to work out which 24V driver you will need to power your controller.

If you are using more than 100 power repeaters in a zone contact us for further help and information on **+44 (0) 1604 495 151**.

Number of power repeaters	Wattage driver needed	Product (driver)
1 - 10	15W	PS1524
11 - 30	50W	PS5024
31 - 60	100W	PS10024
61 - 100	150W	PSIP15024

PS1524
15W driver

PS5024
50W driver

PS10024
100W driver

PSIP15024
150W driver

③ Power repeaters.

Which one and how many?

Now you know which products you are going to use and how many of them you will be using in each zone, you can establish which power repeaters you need and work out how many of them you will require.

PR3011

RGB & RGBW controller for up to 1-8 zones

A 350mA power supply for the RGB & RGBW product range. Simply wire up to 100 PR3011 to a C100924 for a quick and simple colour change installation, giving you the ability to have as many as 600 luminaires per zone.

Calculate how many PR3011's you need for the products you have

Product code	Product family	Max. per PR3011
DL329RGBW	Downlight	6
GL007RGBW	Ground Light	2
GL008RGBW	Ground Light	1
GL016RGBW	Ground Light	6
GL040CARGB	Ground Light	6
GL050RGBW	Ground Light	6
GL090RGBW	Ground Light	2
LL030CARGB	Downlight	6
LL090RGBW	Downlight	2
UL010RGBW	Pond Light	6
UL030RGBW	Pond Light	2
UL345CARGB	Façade Light	1
UL346CARGB	Façade Light	1
UL347CARGB	Façade Light	1
WL070RGBW	Wall Light	1
WL075CARGB	Wall Light	2

🛈 Don't forget you'll need 300mm of CF505RGBW cable for every power repeater you use.

For example:

If you had selected these products for your zone.

x3
GL090RGBW

x1
UL030RGBW

x4
GL016RGBW

Using the table to the left we can see that you would need to spread them over the following power repeaters

1st PR3011

2nd PR3011

3rd PR3011

2 x GL090RGBW

1 x GL090RGBW
1 x UL030RGBW

4 x GL016RGBW

This means you would need to order the following...

x3
PR3011

Don't forget your 24V driver to power your power repeater

Number of power repeaters	Wattage driver needed	Product (driver)	
1	50W	PS5024	
2-3	100W	PS10024	
4-5	150W	PSIP15024	

The products will be powered by power repeaters that require a 24V driver. The table shows you which driver you need for the number of power repeaters you are using. **If you require more than 5 power repeaters you will need another driver.**

In the example we calculated that we need 3 x PR3011. Using the table to the left we can see that we need a 100W driver. This means that you will need to order the following...

x3
PR3011

x1
PS10024
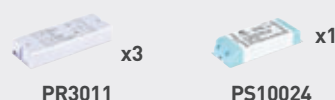
Wiring.

You will require cabling for your colour change installation

Choose the ideal cable for your installation.

LED 3 RGB EXT (Series Plug & Play)
Colour change 4-core extension lead for RGB products

Guarantee / Warranty: 1 year guarantee

INSTALLATION INFORMATION

Cable	1m (AWG 24) (0.205mm²)
Rated max. voltage	300V
Rated temperature	80°C
Construction material	Copper cable (PVC)

USE IN CONJUNCTION WITH

Product	Description
WL075CARGB	High output LED colour change wall light (12W max.)

LEDRGBWEXT (Series Plug & Play)
Colour change 5-core extension lead for RGBW products

Guarantee / Warranty: 1 year guarantee

INSTALLATION INFORMATION

Cable	1m (AWG 24) (0.205mm²)
Rated max. voltage	300V
Rated temperature	80°C
Construction material	Copper cable (PVC)

USE IN CONJUNCTION WITH

Product	Description
WL070RGBW	Up/down LED colour change wall light with white LED

CR575RGBW
5-core PVC cable

Guarantee / Warranty: 1 year guarantee
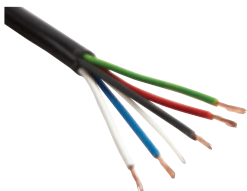
INSTALLATION INFORMATION

Cable	PVC 5 x 0.75mm²
Construction material	Copper cable

USE IN CONJUNCTION WITH

Product	Description
All RGBW products	-
JB7	5 pole screw terminal IP68 connector

CR505RGBW
5-core RGBW ribbon cable

Guarantee / Warranty: 1 year guarantee

INSTALLATION INFORMATION

Cable	4x 0.3mm², 1x 0.5mm² (black) ribbon cable
Construction material	Copper cable

USE IN CONJUNCTION WITH

Product	Description
C100924	RGB & RGBW controller
PR3011	350mA RGB & RGBW power repeater

DMX RS 485 CABLE
2-core shielded cable

Guarantee / Warranty: 1 year guarantee

INSTALLATION INFORMATION

Cable	0.15mm²
Construction material	Copper cable

USE IN CONJUNCTION WITH

Product	Description
DMX2102	RGB & RGBW DMX decoder

Colour change

GL008RGBW

Twin LED drive over colour change
ground light with white LED (25W max.)

W · IP67 · IK10 · 50,000h L50,B50 · 3SDCM · 20° ↓

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL008RGBW	6.6W	4000K	25°	360	55	1701
	4.8W	Red	25°	261	54	1069
	6.6W	Green	25°	416	63	1881
	6.6W	Blue	25°	668	10	33

INSTALLATION INFORMATION

Construction material	Stainless steel (316) (cover ring) / Aluminium (body)
Weight	4100g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Adjustable LED fitting
- Installation tube included
- 10mm toughened glass, ideal for use in driveways / drive over compatible
- Full RGBW colour range
- Separate white LED for permanent use
- Compatible with a large range of controllers
- Suitable for coastal areas

SIZE DIAGRAM

Ø225/212mm
250/280mm
3m

ACCESSORIES

Installation tube	Included	CR575RGBW	5-core PVC cable
JB7	5-pole IP68 inline connector		

GL007RGBW

Drive over colour change ground light
with white LED (12w max.)

W · IP67 · IK10 · 50,000h L50,B50 · 3SDCM · 20° ↓

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL007RGBW	3.3W	4000K	36°	180	55	782
	2.4W	Red	36°	131	55	539
	3.3W	Green	36°	208	63	944
	3.3W	Blue	36°	34	10	15

INSTALLATION INFORMATION

Construction material	Stainless steel (316) (cover ring) / Aluminium (body)
Weight	2500g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Adjustable LED fitting
- Installation tube included
- 10mm toughened glass, ideal for use in driveways / drive over compatible
- Full RGBW colour range
- Separate white LED for permanent use
- Compatible with a large range of controllers
- Suitable for coastal areas

SIZE DIAGRAM

Ø185/180mm
225/245mm
2x3m
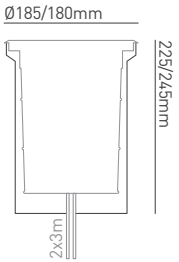
ACCESSORIES

Installation tube	Included	CR575RGBW	5-core PVC cable
JB7	5-pole IP68 inline connector		

GL090RGBW

High output LED colour change ground light
with white LED (12W max.)

W | IP67 | IK08 | | 50,000h L50,B50 | 3SDCM |

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL090RGBW	3W	4000K	45°	177	59	173
	2W	Red	45°	106	53	60
	3W	Green	45°	185	62	168
	3W	Blue	45°	43	14	1

INSTALLATION INFORMATION

Cut-out size	Ø65mm
Construction material	Stainless steel (316)
Weight	900g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

High output colour change for large areas

Marine grade stainless steel for use in outdoor and indoor environments

Full RGBW colour range

Separate white LED for permanent use

Compatible with a large range of controllers

Suitable for coastal areas

SIZE DIAGRAM

Ø75mm

97mm

1m
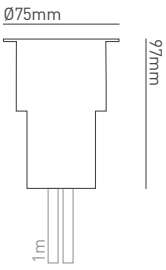
ACCESSORIES

TUBE/68	Installation tube
JB7	5-pole IP68 inline connector

CR575RGBW	5-core PVC cable
GLA01	Ground light accessory, square plate, stainless steel 316

Colour change

GL040CARGB
Colour change LED ground light (3.5W max.)

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
	1W	Red	18°	34	34	287
GL040CARGB	1.2W	Green	18°	68	56	697
	1.2W	Blue	18°	8	7	8

INSTALLATION INFORMATION

Cut-out size	Ø65mm
Construction material	Stainless steel (316)
Weight	800g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Low profile for easy installation

Installation tube available

Full RGB colour range

Marine grade stainless steel for use in outdoor and indoor environments

Compatible with a large range of controllers

Suitable for coastal areas

SIZE DIAGRAM

Ø76mm

43mm

1m
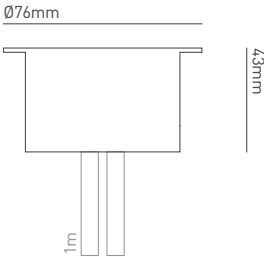
ACCESSORIES

TUBE/68	Installation tube
JB7	5-pole IP68 inline connector

LED RGB 0.75 CABLE	4-core PVC cable
GLA01	Ground light accessory, square plate, stainless steel 316

GL016RGBW

LED colour change ground light
with white LED (5W max.)

W | **IP67** | **IK09** | | **50,000h** L50,B50 | **3SDCM** |

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
GL016RGBW	1.2W	4000K	40°	50	42	74
	1W	Red	40°	38	38	75
	1.2W	Green	40°	63	53	124
	1.2W	Blue	40°	11	9	17

INSTALLATION INFORMATION

Cut-out size	Ø50mm
Construction material	Stainless steel (316)
Weight	300g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Installation tube available

Low profile for easy installation

Full RGBW colour range

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

Suitable for coastal areas

SIZE DIAGRAM

Ø60mm
48mm
1m
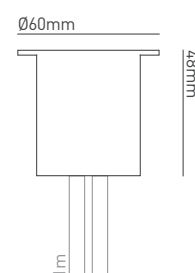
ACCESSORIES

JB7	5-pole IP68 inline connector		CR575RGBW	5-core PVC cable
TUBE/50	Installation tube			

GL050RGBW

Colour change LED ground / marker light
with white LED (5W max.)

W | **IP67** | **IK08** | | **50,000h** L50,B50 | **3SDCM** |

Guarantee / Warranty: 7 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	W	Colour	Beam Angle	lm	lm/W	lx at 1m
GL050RGBW	1.2W	4000K	100°	11	9	2
	1W	Red	100°	9	9	2
	1.2W	Green	100°	13	11	3
	1.2W	Blue	100°	2	2	1

INSTALLATION INFORMATION

Cut-out size	Ø65mm
Construction material	Stainless steel (316)
Weight	552g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Frosted glass for subtle colour change

Low profile for easy installation

Full RGBW colour range

Separate white LED for permanent use

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

Suitable for coastal areas

SIZE DIAGRAM

Ø76mm
43mm
1m
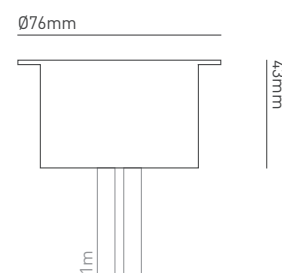
ACCESSORIES

JB7	5-pole IP68 inline connector		CR575RGBW	5-core PVC cable
TUBE/68	Installation tube		GLA01	Ground light accessory, square plate, stainless steel 316

WL070RGBW

Up / down LED colour change wall light with white LED (24W max.)

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
WL070RGBW	6W	4000K	45°	200*	67	154
	4W	Red	45°	145*	73	60
	6W	Green	45°	230*	77	168
	6W	Blue	45°	38*	13	1

*Per module

INSTALLATION INFORMATION

Inrush current	0.4A 3ms
Construction material	Anodised aluminium
Weight	900g
Class	Class I
Max. ambient temperature	35°C

BENEFITS

- Complete with wall fixings for easy installation
- Projects light in two directions
- Separate white LED for permanent use
- Full RGBW colour range
- Anodised aluminium for use in outdoor and indoor environments
- Compatible with a large range of controllers
- Suitable for coastal areas

SIZE DIAGRAM

117mm
120mm
1m
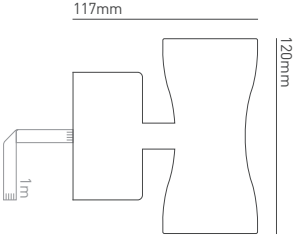
ACCESSORIES

LEDRGBWEXT	Colour change Plug & Play 1m extension lead

UL030RGBW

Colour change LED light
with white LED (12W max.)

| W | IP67 | IK09 | ≈ | 50,000h L50,B50 | 3SDCM | 360° | 360° |

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
UL030RGBW	3W	4000K	45°	177	59	154
	2W	Red	45°	106	53	60
	3W	Green	45°	185	62	168
	3W	Blue	45°	43	14	1

INSTALLATION INFORMATION

Construction material	Stainless steel (316)
Weight	900g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Complete with wall fixings for easy installation

Can rotate and be angled to direct light

Separate white LED for permanent use

Full RGBW colour range

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

Suitable for coastal areas

SIZE DIAGRAM

90mm
1m
65x65mm

ACCESSORIES

JB7	5-pole IP68 inline connector
CR575RGBW	5-core PVC cable

UL010RGBW

Colour change LED light
with white LED (5W max.)

| W | IP67 | IK09 | ≈ | 50,000h L50,B50 | 3SDCM | 360° | 360° |

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
UL010RGBW	1.1W	4000K	40°	50	45	101
	1W	Red	40°	38	38	75
	1.1W	Green	40°	63	57	124
	1.1W	Blue	40°	11	8	17

INSTALLATION INFORMATION

Construction material	Stainless steel (316)
Weight	700g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

Complete with wall fixings for easy installation

Can rotate and be angled to direct light

Separate white LED for permanent use

Full RGBW colour range

Compatible with a large range of controllers

Marine grade stainless steel for use in outdoor and indoor environments

Suitable for coastal areas

SIZE DIAGRAM

90mm
1m
65x65mm
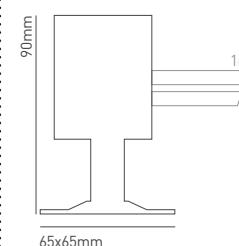
ACCESSORIES

JB7	5-pole IP68 inline connector
CR575RGBW	5-core PVC cable

UL345CARGB

110° colour change LED wall washing light bar (12W max.)

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
	4W	Red	40°	96	24	20
UL345CARGB	4.1W	Green	40°	161	39	58
	4.3W	Blue	40°	51	12	0

INSTALLATION INFORMATION

Construction material	Anodised aluminium
Weight	700g
Class	Class III
Max. ambient temperature	40°C

BENEFITS

- Surface mount in multiple applications
- Full RGB colour range
- Compatible with a large range of controllers
- Anodised aluminium for use in outdoor and indoor environments
- Removable feet can be used anywhere along the base or sides. Allen key included
- Suitable for coastal areas

SIZE DIAGRAM

34mm
57mm
3m
400mm
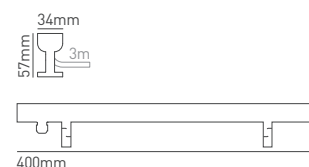
ACCESSORIES

JB3	Colour change extension lead for RGB products
LED RGB 0.75 CABLE	4-core PVC cable

ULBRACKET	2-piece black anodised aluminium bracket

UL346CARGB

25x6° colour change LED wall washing light bar (12W max.)

Guarantee / Warranty: 5 year extended warranty available

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
	4W	Red	25X6°	70	18	154
UL346CARGB	4.1W	Green	25X6°	136	33	442
	4.3W	Blue	25X6°	23	5	10

INSTALLATION INFORMATION

Construction material	Anodised aluminium
Weight	700g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Surface mount in multiple applications
- Full RGB colour range
- Compatible with a large range of controllers
- Anodised aluminium for use in outdoor and indoor environments
- Removable feet can be used anywhere along the base or sides. Allen key included
- Suitable for coastal areas

SIZE DIAGRAM

34mm
64mm
3m
400mm

ACCESSORIES

JB3	Colour change extension lead for RGB products
LED RGB 0.75 CABLE	4-core PVC cable

ULBRACKET	2-piece black anodised aluminium bracket

UL347CARGB

45° colour change LED wall washing light bar (12W max.)

Guarantee / Warranty: 5 year extended warranty available

IP65   50,000h L50,B50   3SDCM   180°

PHOTOMETRICS @ 25°C

Product Code	Wattage	Colour	Beam Angle	lm	lm/W	lx at 1m
UL347CARGB	4W	Red	45°	77	19	102
	4.1W	Green	45°	285	70	329
	4.3W	Blue	45°	51	12	5

INSTALLATION INFORMATION

Construction material	Anodised aluminium
Weight	700g
Class	Class III
Max. ambient temperature	35°C

BENEFITS

- Surface mount in multiple applications
- Full RGB colour range
- Compatible with a large range of controllers
- Anodised aluminium for use in outdoor and indoor environments
- Removable feet can be used anywhere along the base or sides. Allen key included
- Suitable for coastal areas

SIZE DIAGRAM

34mm
64mm
3m
400mm

ACCESSORIES

JB3	Colour change extension lead for RGB products
LED RGB 0.75 CABLE	4-core PVC cable

ULBRACKET	2-piece black anodised aluminium bracket

Smart.

Smart lighting from Collingwood makes the ordinary extraordinary. Control your electronic and lighting devices using either your smartphone or with a voice command via a voice assistant to create striking lighting environments effortlessly. The smart range of products can integrate the existing lighting in the garden into a smart ecosystem Download the Collingwood app, named CWD Smart.

The smart lighting range turns dumb lights smart, through the use of a bridge and a smart hub. A range of control options can create striking landscape environments anywhere.

Smart lighting.

Control your lights from anywhere in the world

The Collingwood Lighting range products combined with existing lighting within a home can integrate them into a smart home system, all from a touch of a button within the CWD Smart app or a voice control assistant.

Control.

Through our **CWD SMART** app, setup, control and manage your smart lighting system from anywhere in the world. Over the air (OTA) updates to the app will mean that new functionality and performance optimisations are added as soon as available.

Google is a trademark of Google LLC
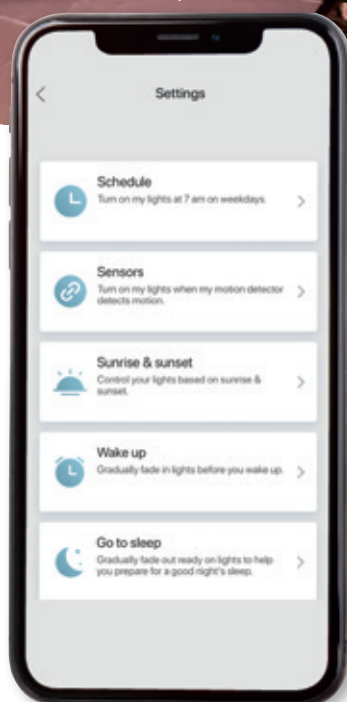
Keep your current lights.

Our Smart lighting system is an ideal choice if you want to keep your current lights and turn them into smart lights.

You can turn your current lights smart using our smart products. Install one of our smart bridges, between the light switch and the first light in the circuit, and you will be able to control your current lights through the app, voice control assistant or your switch.

Control.

What can you control and what pre-sets can you set up

Through our CWD Smart app, setup, control and manage your smart lighting system from anywhere in the world. Over the air (OTA) updates to the app will mean that new functionality and performance optimisations are added as soon as available.

Controls.

Use your app or voice assistant as a remote for your lights to directly control the following:

- Turn on / off
- Group lights together
- Control your lights from anywhere in the world
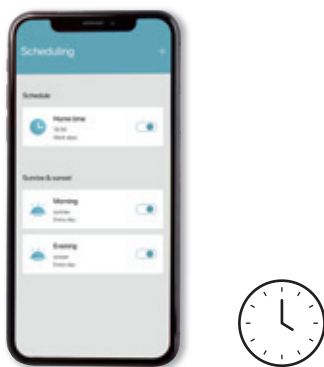
Scheduling.

Using your app, set times to turn your devices and lights on/off, adjust brightness, or activate a scene.

- Set your lights to come on at the time you get home from work.
- Set your lights to come on in the evening at the time it gets dark.
- When you're away you could simulate someone still being home as a deterrent against burglary.
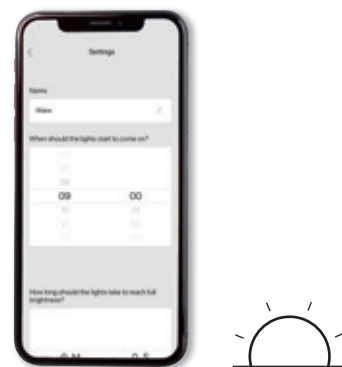
Wake up.

Use your app to simulate the sun rising or setting to make for a more natural transition to wake up to or go to sleep to.

- Set your lights to slowly get brighter like a sunrise in the morning to start your day the right way.
- Set your lights to slowly dim down helping you wind down ready for bed.

Scene setting.

Use your app to create lighting schemes that you can make happen at the touch of a button. Here are examples of what you could use this feature for:

- Entertaining - Turn the accent lighting up and the main lighting down for a party atmosphere.
- Atmospheric - Enjoy a romantic dinner with your partner and set the mood at the touch of a button.
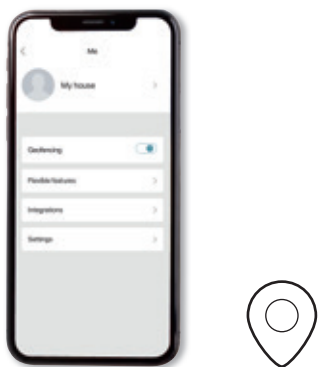
Geofencing.

The app can use your location to know that you are returning home. You can set it so that when you are a specified distance (up to 300m) from your home the lights will turn on.

- If you have a dark long driveway you could use this feature to highlight the driveway as you approach it without any need for sensors.
- You can get your home to light up the moment you walk into your home, which can be pretty useful when your hands are full.
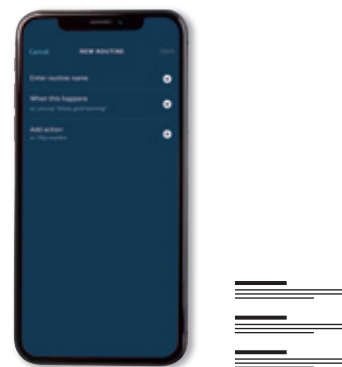
Create routines.

Using Amazon Alexa or a Google Assistant you can create routines to work with other smart devices. To create a routine use your Alexa or Google Assistant app and create routine by selecting 'When this happens' and then 'Add action'.

Example
- When this happens - for example your smart doorbell rings.
- Add action - porch lights turn on.
- End result - When someone rings your doorbell the porch lights will turn on.

How does it work.

Smart for dummies

Understand what is controlled through the CWD Smart app, how it connects to the cloud and Wi-Fi, along with the mesh network to how to install each component of the smart range.

Control.

You control your smart products using the **CWD Smart** app or via a voice assistant such as Amazon Alexa or Google assistant. Your phone or voice assistant will then send the commands you have given to the cloud via the internet.

WiFi or **4G**
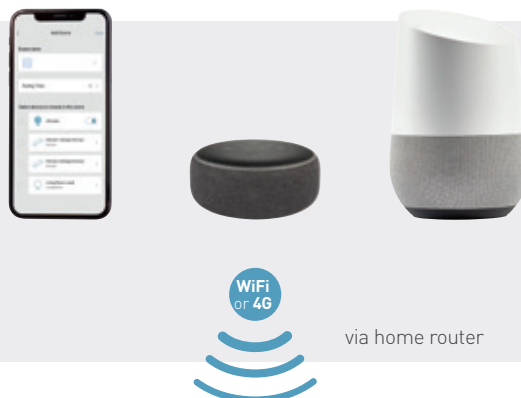
via home router

Cloud & WiFi via home router.

Once your commands are received by the cloud that information is sent to the Collingwood smart hub (or Amazon Echo Plus) via a WiFi connection.

Linking your app, smart hub and voice assistant to the cloud means that you can control your lights from anywhere in the world.

WiFi

via home router

Mesh network.

The smart hub (or Amazon Echo Plus) will then communicate directly with your smart lighting products, telling them the commands you originally sent. The smart product will then tell the smart hub that the command has been completed and run back up the chain to the app.

The mesh network uses radio waves to allow all of the products to talk to each other. If your smart product is out of range of the smart hub, then as long as it is still in range of another smart product then the command will be passed on by the other product to get to the smart product which is out of range.

Smart hub

Smart non-dimmable bridge

Smart non-dimmable bridge
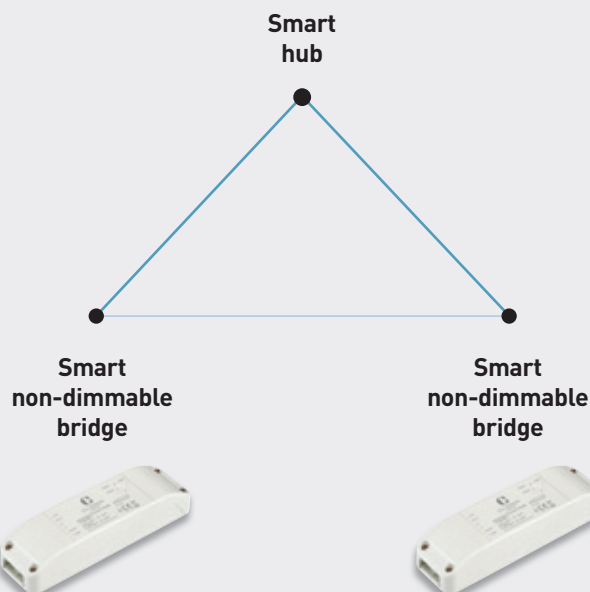
Easily install products.

Our smart range has been designed to be easy to use your existing lights or easily replace your current lamps with smart lamps.

Smart non-dimmable bridge
The non-dimmable bridge is designed for use with Collingwood landscape and decorative products. It is IP20 so will need to be installed in an IP rated junction box, or in a dry location, and can be connected to Collingwood spike lights, ground lights, wall lights and more. Outside lighting can now be controlled remotely, with all the benefits of the system, such as scheduling and geo fencing.

Smart products.

The ideal products for your landscape installation

The Collingwood smart system integrates into existing circuitry for a quick and simple installation.
It is optimised for use with Collingwood products, to ensure a seamless performance.

CWD Smart app
Free to download from Apple and Android stores

 Essential for all smart installations
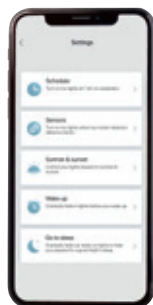
PRODUCT INFORMATION

Product Code	How to download
CWD Smart app	Download the app for free from the app store or Google play store.

FUNCTIONALITY

Control	Wake up
Scheduling	Geofencing
Scene setting	Room groupings

Smart hub
Collingwood smart hub

 Essential for all smart installations

Guarantee / Warranty: 2 year warranty

PRODUCT INFORMATION

Product Code	Quantity of smart products per smart hub	Dimensions
CWSHUB	30	63 x 63 x 23mm
CWSHUB2	50	63 x 63 x 23mm

INSTALLATION

Simply plug it into an electrical socket. Comes with plug and cable

Smart non-dimmable bridge
IP20 control bridge, for use with Collingwood Landscape lighting

Guarantee / Warranty: 2 year warranty

PRODUCT INFORMATION

Product Code	Maximum load	Dimensions
CWSNBRI	600W	155 x 44 x 30mm

INSTALLATION

Into a ceiling void or waterproof junction box between the light switch and the first light in the circuit

TIP: To keep manual control, change light switch to a retractive type, found at all wholesalers or electrical outlets.
This ensures the bridge is in standby when switched off, always listening for commands from the app or your voice.

1901

BY COLLINGWOOD LIGHTING

Over a century of design and innovation experience has led to the 1901 collection. Flexibility is at the heart of the range with over two thousand combinations of components available to create your bespoke fitting. Just-in-time assembly lines at our headquarters in Northamptonshire, England, allow us to respond to your needs at short notice.

The designers inside The Studio at Collingwood are able to offer expertise throughout the lighting design process, putting together full schemes based around our comprehensive product range. Detailed client consultation ensures a high quality and tailored service.

For inspirational architectural lighting, choose 1901.

1901 Range.

The range features low glare fixed and adjustable downlights, rotatable spots and pendants for a complete lighting design scheme across the interior design.

Fixed downlight

Adjustable downlight

Pendant

Rotatable Spotlight

Made in Great Britain

Drivers & accessories.

Our drivers selection will provide all the components required to install our products, providing both ease of installation and maintenance-free installations for many years to come. Offering both wiring and drivers for all Collingwood products, you will receive the same highquality features and benefits as standard that are provided with our lights.

We have an extensive range of lighting accessories to suit any requirements, and an expert team on hand to help assist in choosing the correct product for your installation. From tubes to brackets, we ensure that we can equip you with the accessories needed to get the job done.

The range of IP connectors available allow any Collingwood IP rated product to be wired safely, ensuring a water-resistant circuit between the product and its power supply. Our waterproof junction boxes have an IP rating of 68, meaning they are submersible in up to 1.3m of water. The IP rated connectors are gel filled and have the capacity to be opened and closed, enabling repeat use. Available for series, parallel and straight to mains wiring, and suitable for 2 or 3 core cables, our IP rated connectors ensure that all of our IP rated LED lights can be wired to the same high standard. If you want to know more about any of our accessory products, one of our technical experts will be more than happy to assist.

Products per driver matrix.

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

	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP70018W	PSIP70038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
Driver information																	
Constant Current or Constant Voltage	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CV	CV	CV	CV	CV	CV	CV
Output classification	350mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	24V	24V	24V	24V	24V	24V	24V
IP rating	IP20	IP20	IP20	IP20	IP68	IP68	IP20	IP20	IP68	IP68	IP20	IP20	IP20	IP20	IP66	IP66	IP67
Dimmable	1-10V	1-10V	Non	Non	Non	Non	1-10V	1-10V	Non	Non	1-10V†	1-10V†	1-10V†	Non	1-10V	1-10V	1-10V†
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

† Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

Ground lights																	
GL09								1-3									
GL090							1-6		1-2	3-5							
GL040	1-12	1-8	1-3	1-4	1-4	5-8	1-11	1-7	1-3	4-7							
GL040 Ultra low glare	1-12	1-8	1-3	1-4	1-4	5-8											
GL041	1-6	1-3	1	1-3	1-2	3-5	1-6	1-3	1-2	3-5							
GL019	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL019 Ultra low glare	1-18	1-10	1-5	1-9	1-8	9-17											
GL019LG	1-18	1-10	1-5	1-9	1-8	9-17											
GL019 Frosted	1-18	1-10	1-5	1-9	1-8	9-17											
GL019 SQ	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL019 S T	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL019 S TK	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL016	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL016 SQ	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL016 F AB	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL016 Frosted	1-18	1-10	1-5	1-9	1-8	9-17											
GL063	1-6	1-3	1	1-3	1-2	3-5											
GL064	1-4	1-2	1	1-2	1-2	3-4											
GL100	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
GL050	1-6	1-3	1	1-3	1-2	3-5											
GL051	1-6	1-3	1	1-3	1-2	3-5											
GL018 C											1-30	1-60	1-100	1-150	1-120	1-200	1-500
GL018 C AB											1-30	1-60	1-100	1-150	1-120	1-200	1-500
GL018 SQ											1-30	1-60	1-100	1-150	1-120	1-200	1-500
GL018 T											1-30	1-60	1-100	1-150	1-120	1-200	1-500

Step lights																	
GL021	1-18	1-10	1-5	1-9	1-8	9-17											
GL022	1-18	1-10	1-5	1-9	1-8	9-17											

Wall lights																	
OCTOLED	1-4	1-2	1	1-2	1-2	3-4											

Decorative wall lights																	
LED Lyte	1-18	1-10	1-5	1-9	1-8	9-17											
LED Lyte IP	1-18	1-10	1-5	1-9	1-8	9-17											
LED Lyte IP T	1-18	1-10	1-5	1-9	1-8	9-17											
LED Lyte surface	1-18	1-10	1-5	1-9	1-8	9-17											
MC010	1-18	1-10	1-5	1-9	1-8	9-17											

	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP7018W	PSIP7038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
Driver information																	
Constant Current or Constant Voltage	CC	CC	CC	CC	CC	CC	CC	CC	CC	CC	CV	CV	CV	CV	CV	CV	CV
Output classification	350mA	350mA	350mA	350mA	350mA	350mA	700mA	700mA	700mA	700mA	24V	24V	24V	24V	24V	24V	24V
IP rating	IP20	IP20	IP20	IP20	IP68	IP68	IP20	IP20	IP68	IP68	IP20	IP20	IP20	IP20	IP66	IP66	IP67
Dimmable	1-10V	1-10V	No	No	No	No	1-10V	1-10V	No	No	1-10V†	1-10V†	1-10V†	1-10V†	1-10V	1-10V	1-10V†
DIN rail mount	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Plug & Play	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No

† Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

Decorative wall lights	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP7018W	PSIP7038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
MC020	1-9	1-5	1-2	1-4	1-4	5-8											
MF02 IP	1-18	1-10	1-5	1-9	1-8	9-17											
ML01	1-18	1-10	1-5	1-9	1-8	9-17											
ML02	1-18	1-10	1-5	1-9	1-8	9-17											
ML03	1-18	1-10	1-5	1-9	1-8	9-17											
MS02 IP	1-18	1-10	1-5	1-9	1-8	9-17											
WL050	1-18	1-10	1-5	1-9	1-8	9-17											

Pond lights	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP7018W	PSIP7038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
UL030	1-12	1-8	1-3	1-4	1-4	5-8	1-11	1-57	1-3	4-7							
UL010							1-18	1-10	1-8	9-17							

Uplights	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP7018W	PSIP7038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
LEDLINE 400 110							1-2	1		1							
LEDLINE 400 25X6							1-2	1		1							
LEDLINE 400 45							1-2	1		1							

Spike lights	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP7018W	PSIP7038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
SL220	1-12	1-8	1-3	1-4	1-4	5-8	1-11	1-7	1-3	4-7							
SL030	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
SL130	1-18	1-10	1-5	1-9	1-8	9-17	1-18	1-10	1-8	9-17							
SL040A							1-6	1-3	1-2	3-5							
SL230	1-6	1-4	1	1-2	1-2	3-4	**1-5**	1-3	1	2-3							
SL240	1-6	1-4	1	1-2	1-2	3-4	**1-5**	1-3	1	2-3							
SL250											1-3	1-7	1-12	1-18	1-15	1-25	1-62

Bollards	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP7018W	PSIP7038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
BOL01	1-18	1-10	1-5	1-9	1-8	9-17			1-8	9-17							

LED strip	PSDIM350	PLD UNI-DRIVE 350MA	PLR/350 1-5	PLU/350 1-9	PSIP3509W	PSIP35018W	PSDIM700	PLD UNI-DRIVE 700MA	PSIP7018W	PSIP7038W	PS1524	PS3024B	PS5024	PS7524	PSDIP6024	PSDIP10024	PSIP25024
LSC82											≤3m	≤6m	≤10m	≤15m	≤12m	≤20m	≤52m
LSC85											≤1m	≤3m	≤5m	≤7m	≤6m	≤10m	≤26m
LSC84											≤1m	≤2m	≤3m	≤5m	≤4m	≤6m	≤17m
LSC86											-	≤1m	≤2m	≤3m	≤3m	≤5m	≤13m
LSNS73											≤2.3m	≤4.6m	≤7.6m	≤116.6m	≤9.2m	≤15.3m	≤38.4m
LSNS75											≤1.5m	≤3.1m	≤5.2m	≤78.9m	≤6.2m	≤10.4m	≤26m
LSNT73											≤2.3m	≤4.6m	≤7.6m	≤116.6m	≤9.2m	≤15.3m	≤38.4m
LSNT75											≤1.5m	≤3.1m	≤5.2m	≤78.9m	≤6.2m	≤10.4m	≤26m

Maximum cable lengths.

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	$0.2mm^2$	$0.35mm^2$	$0.5mm^2$	$0.75mm^2$	$1.00mm^2$	$1.5mm^2$	$2.5mm^2$
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).

Recommended maximum cable length from power supply to **start** of strip.

Wattage	$0.5mm^2$	$0.75mm^2$	$1.00mm^2$	$1.5mm^2$	$2.5mm^2$
4.8W/m	20m	30m	40m	60m	100m
6.5W/m	16m	25m	32m	50m	80m
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 350mA products.

Maximum cable lengths from power repeater PR3011 to 350mA product.

Power repeater	$0.5mm^2$	$0.75mm^2$	$1.0mm^2$	$1.5mm^2$	$2.5mm^2$
PR3011	50m	75m	100m	150m	250m
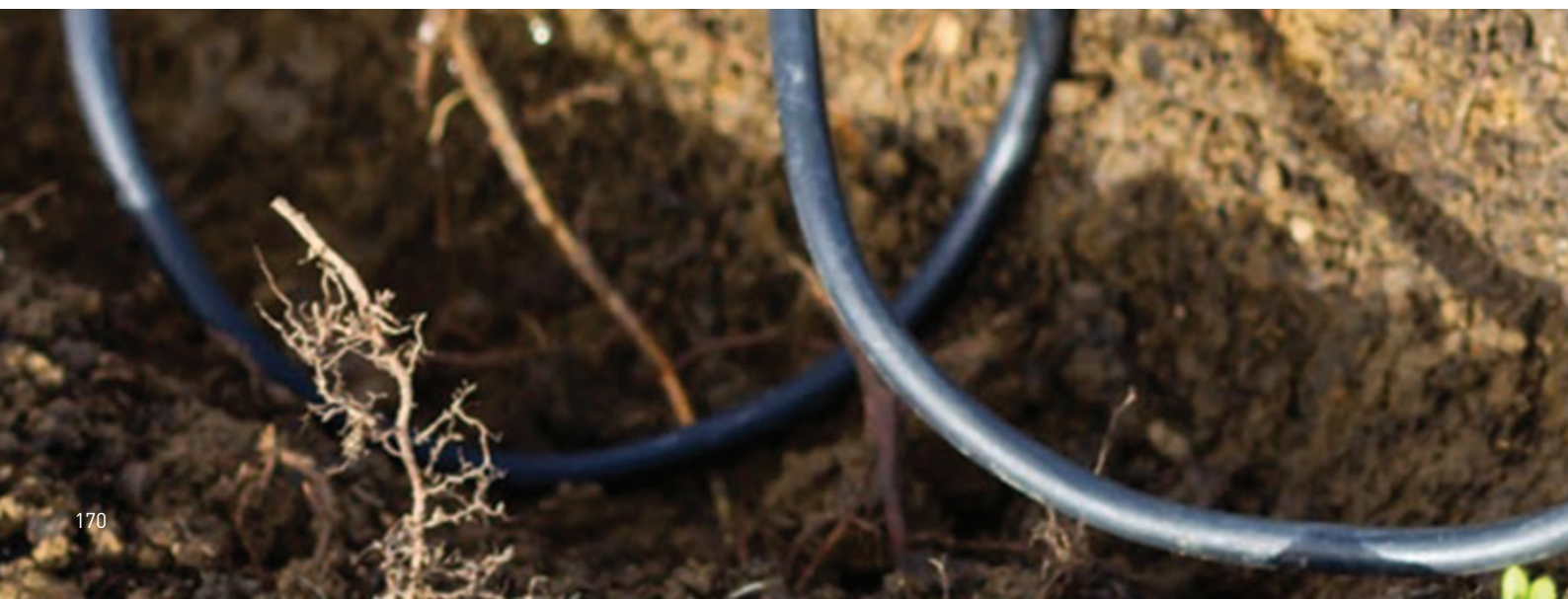
SL250 4W 24V DC drivers.

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

Max product per driver	0.5mm^2	0.75mm^2	1.00mm^2	1.5mm^2	2.5mm^2
Up to 4 - SL250	25m	40m	60m	80m	120m
Up to 10 - SL250	10m	15m	20m	30m	50m

GL018 0.5W 24V DC drivers.

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

Max product per driver	0.5mm^2	0.75mm^2	1.00mm^2	1.5mm^2	2.5mm^2
Up to 10 - GL018	100m	180m	220m	360m	550m
Up to 20 - GL018	50m	90m	110m	180m	225m
Up to 30 - GL018	35m	60m	70m	120m	180m
Up to 40 - GL018	25m	40m	50m	80m	130m

Accessories.

Complete your installation using the below accessories.

TUBE332 | TUBE/50 | TUBE/68
Installation tubes

Guarantee / Warranty: 1 year guarantee

TUB332   TUBE/50

TUBE/68

PRODUCT INFORMATION

Product Code	Size	Weight	Construction material	Dimensions
TUBE332	Small	142g	Anodised aluminium	Ø37 x 150mm
TUBE/50	Medium	252g	Anodised aluminium	Ø56 x 150mm
TUBE/68	Large	362g	Anodised aluminium	Ø72 x 150mm

Use in conjunction with		
TUBE332		
GL019 Ultra low glare	GL019	GL019LG
GL019SQ	GL019 Frosted	GL100
TUBE/50		
GL016	GL016FAB	GL016RGBW
GL016SQ	GL016 Frosted	GL021
GL022		
TUBE/50		
GL040	GL040 Ultra low glare	GL040CARGB
GL041	GL050	GL050RGBW
GL051	GL090	GL090RGBW
GL063	GL064	GL200

ULBRACKET
Anodised aluminium bracket for LEDLINE range

Guarantee / Warranty: 1 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
ULBRACKET	150g	AL6063 aluminium	L306 x H80 x W34mm

Use in conjunction with		
LEDLINE 400 110	LEDLINE 400 25X6	LEDLINE 400 45
LEDLINE MAINS 400 110	LEDLINE MAINS 400 25x6	LEDLINE MAINS 400 45
LEDLINE MAINS 200 110	LEDLINE MAINS 200 25x6	LEDLINE MAINS 200 45
UL345CARGB	UL346CARGB	UL347CARGB

BOL LED BRACKET
Stainless steel bracket for BOL LED range

Guarantee / Warranty: 1 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
BOL LED BRACKET	1500g	Stainless steel (304)	L175 x H85 x W175mm

Use in conjunction with	
BOL LED 1	BOL LED MAINS

GLA01

Ground light accessory, square plate, stainless steel 316

Guarantee / Warranty: 7 year guarantee
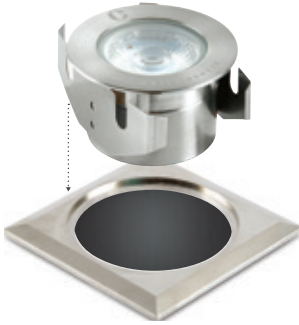
PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
GLA01	165g	Stainless steel (316)	W94 x 94mm Depth 5mm

Use in conjunction with		
GL040	GL040CARGB	GL040 Ultra low-glare
GL050	GL050RGBW	GL090
GL090RGBW		

GH220

Simple hood to reduce glare whilst maintaining a good light distribution

Guarantee / Warranty: 7 year guarantee

Black

Stainless
steel

Bronze

PRODUCT INFORMATION

Product Code	Finish	Weight	Construction material	Dimensions
GH220B	Black	80g	Anodised aluminium	L54 x Ø72.5mm
GH220D	Stainless steel	200g	Stainless steel (316)	L54 x Ø72.5mm
GH220Z	Bronze	80g	Anodised aluminium	L54 x Ø72.5mm

Use in conjunction with		
SL220	SL220 Mains	SL230
SL230 Mains	SL240	SL240 Mains
WL220 Mains		

GS220

Simple hood to reduce glare whilst maintaining a good light distribution

Guarantee / Warranty: 7 year guarantee

Black

Stainless
steel

Bronze

PRODUCT INFORMATION

Product Code	Finish	Weight	Construction material	Dimensions
GS220B	Black	80g	Anodised aluminium	L54 x Ø72.5mm
GS220D	Stainless steel	200g	Stainless steel (316)	L54 x Ø72.5mm
GS220Z	Bronze	80g	Anodised aluminium	L54 x Ø72.5mm

Use in conjunction with		
SL220	SL220 Mains	SL230
SL230 Mains	SL240	SL240 Mains
WL220 Mains		

Accessories.

Complete your installation using the below accessories.

WB/M 01
Bracket for MF02 IP & MS02 IP

Guarantee / Warranty: 1 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
WB/M 01	60g	Stainless steel (316)	Ø45mm x D34mm

Use in conjunction with

MF02 IP	MS02 IP	

WB/M 02
Double bracket for MF02 IP & MS02 IP

Guarantee / Warranty: 1 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
WB/M 02	100g	Stainless steel (316)	L45mm x W54 x D34mm

Use in conjunction with

MF02 IP	MS02 IP	

WB/M 02/30°
Angled double bracket for MF02 IP & MS02 IP

Guarantee / Warranty: 1 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
WB/M 02/30 DEGREE	100g	Stainless steel (316)	L45mm x W54 x D34mm

Use in conjunction with

MF02 IP	MS02 IP	WB/M Box

WB/M Box

Back box for WB/M 02/30°

Guarantee / Warranty: 1 year guarantee
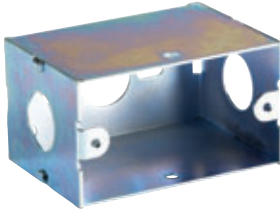
PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
WB/M BOX	71.8g	Steel	L70mm x W40mm x D50mm

Use in conjunction with			
WB/M 02/30°			

LED Lyte 1M Ext

1m extension lead

Guarantee / Warranty: 1 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
LED LYTE 1M EXT	18g	Plastic	L40mm x W13mm x H12mm

Use in conjunction with		
Led Lyte IP	LED Lyte IP T	LED Lyte Surface

LED Lyte 6 way Ext

16-way m extension lead

Guarantee / Warranty: 1 year guarantee

PRODUCT INFORMATION

Product Code	Weight	Construction material	Dimensions
LED LYTE 6 WAY EXT	28g	Plastic	L50mm x W28mm x H12mm

Use in conjunction with		
Led Lyte IP	LED Lyte IP T	LED Lyte Surface

Accessories.

Complete your installation using the below accessories.

JB1 (Parallel)
Waterproof junction box

Key features	
Max. voltage	30V DC
Max. current	5A
Max. conductor size	1mm^2
Cable diameter	5 - 6.5mm^2
IP rating	IP68 (2m)
Wiring	Parallel
Inputs	1
Outputs	1 - 3

Use in conjunction with
GL018

JB2 (Series)
Waterproof junction box

Key features	
Max. voltage	48V DC
Max. current	700mA
Max. conductor size	1mm^2
Cable diameter	5 - 6.5mm^2
IP rating	IP68 (2m)
Wiring	Series
Inputs	1
Outputs	1 - 3

Use in conjunction with		
BL01	GL016	GL019
GL021	GL022	GL040
GL041	GL050	GL051
GL063	GL064	GL090
UL010	UL030	SL030
SL130	SL040A	SL220
GL100		

JB3
Waterproof junction box

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

Use in conjunction with	
GL007RGBW	GL016RGBW
GL040CARGB	GL050RGBW
GL090RGBW	UL010RGBW
UL030RGBW	UL345CARGB
UL346CARGB	UL347CARGB
SL021CARGB	SL220CARGB
WL021CARGB	WL220CARGB

WC 5-9
Quick release waterproof connector

Key features	
Max. voltage	250 AC / 50 DC
Max. current	10A
Max. conductor size	4mm^2
Cable diameter	5 - 9mm^2
IP rating	IP68 (1.3m)
Wiring	Inline
Inputs	1
Outputs	1

Use in conjunction with	
BL03	GL07
GL007 Frosted	GL08
GL09	GL034
GL038A	SL220
WL339	WL340
WL341	WL342
GL200	

IX 265
PLU weatherproof housing

Key features	
IP rating	IP65
Wiring	Series
Inputs	1
Outputs	1
Dimensions	L: 173mm W: 140mm D: 82mm

Use in conjunction with
PLU350/1-9

IX 365
PDC weatherproof housing

Key features	
IP rating	IP65
Wiring	Series / parallel
Inputs	10
Material	Plastic
Dimensions	L: 410mm W: 190mm D: 110mm

Use in conjunction with	
PS1524	PS3024
PS5024	PS10024
PSDAL20024	PSDIP6024
PSDIP10024	PSIP15024

UY2 Connector
Quick waterproof connector

Key features	
IP rating	IP65
Wiring	Series
Waterproof type	Gel
Material	Plastic

Use in conjunction with		
MF02 IP	ML01	ML02
ML03	ML010 S	ML020 S
MS02 IP	OCTOLED	

PDC/Grid Dimmer
Grid dimmer kit for multiple fitting types
Requires 2-core screen cable

Constant voltage	
Dimming	1 - 10V
Min. load	1 driver
Max. load	10 drivers

Constant current	
Dimming	1 - 10V
Min. load	1 driver
Max. load	10 drivers

Use in conjunction with	
PS5024*	PS10024*
PS7524	PSIP25024
PS1524	PSDIP10024
PS3024B*	

*Must be used with PDCINT 1-10V

Use in conjunction with	
PSDAL350M	PSDAL700M
PSDIN350M	PSDIN700M
PSDIM350	PSDIM700
PSDIM900	PSDAL900M
PLD UNI-DRIVE 350MA	
PLD UNI-DRIVE 700MA	

JB4 (Series)

Gel filled waterproof junction box

Key features		Use in conjunction with		
Max. voltage	120V DC	BL01	GL016	GL019
Max. current	700mA	GL021	GL022	GL040
Max. conductor size	1.5mm^2	GL041	GL050	GL051
Cable diameter	6.5 - 12mm^2	GL063	GL064	GL090
IP rating	IP68 (1.3m)	UL010	UL030	SL030
Wiring	Series	SL130	SL040A	SL220
Inputs	1	GL100		
Outputs	1 - 3			

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	

DMX RS 485 Cable

3-core shielded cable

Key features		Use in conjunction with
Cable	DMX RS 485 Cable	DMX2102
Material	Copper cable	
Length	100m reel or by the metre	
Indoor / outdoor	Indoor only	

CR135

PTFE cable

Key features		Use in conjunction with	
Cable	Red or black 0.2052 PTFE	MC010	MC020
Material	PTFE	MF02 IP	ML01
Length	100m reel	ML02	ML03
		MS02 IP	OCTOLED
		UY2 CONNECTOR	

JB5 (Parallel)

Gel filled waterproof junction box

Key features		Use in conjunction with	
Max. voltage	250V AC	BL03	GL07
Max. current	16A	GL007 Frosted	GL08
Max. conductor size	1.5mm^2	GL009	GL018
Cable diameter	6.5 - 12mm^2	GL034	GL038
IP rating	IP68 (1.3m)	SL220 Mains	WL339
Wiring	Parallel	WL340	WL341
Inputs	1	WL342	GL200
Outputs	1 - 3		

JB7

5 pole screw terminal IP68 connector

Key features		Use in conjunction with	
Max. voltage	24V (RGBW only)	GL007RGBW	GL016RGBW
Max. current	1.4A (RGBW only)	GL040CARGB	GL050RGBW
Max. conductor size	4mm^2	GL090RGBW	UL010RGBW
Cable diameter	7 - 10.5mm^2	UL030RGBW	UL345CARGB
IP rating	IP68 (1.3m)	UL346CARGB	UL347CARGB
Wiring	Parallel	SL021CARGB	
Inputs	1	WL021CARGB	
Outputs	1		

WCR 375 Black

3-core rubber cable

Key features		Use in conjunction with		
Cable	H05RN-F 3 x 0.75mm^2	JB1	JB5	WC 5-9
Material	Copper cable, rubber outer			
Length	100m reel			
Indoor / outdoor	Suitable for permanent outdoor use			

WCR 275 Black

2-core rubber cable

Key features		Use in conjunction with	
Cable	H05RN-F 2 x 0.75mm^2	JB1	JB2
Material	Copper cable, rubber outer	JB4	JB6
Length	100m reel		
Indoor / outdoor	Suitable for permanent outdoor use		

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