

E D I T I O N 2 2



COLLINGWOOD
LIGHTING

Established 1901

EXTENDED WARRANTY



Collingwood Lighting now offers 3, 4, 5 & 7-year extended warranties on all products carrying the G3, G4, G5 or G7 symbol.

You can register online by visiting collingwoodlighting.com or by contacting the sales team on 01604 495151. A full list of eligible products can also be found on our website.

All applications, once accepted and processed will receive confirmation and a unique reference number in the event of a claim.

All products come with a guarantee for 12 months from purchase, unless otherwise stated.

Any modifications made to our products may invalidate the warranty.

WARNING: Do not install LED units into wood which has been treated with creosote, e.g. old railway sleepers. Creosote fumes can permeate the silicon seals and damage the LEDs.

All specifications are believed to be valid at time of going to print and are subject to change without notice. Allow for a $\pm 5\%$ tolerance on all photometric data.

Whilst we try to ensure accurate colour representation, please be aware that the photographic/printing process may sometimes alter colours.

Errors and omissions excepted.

Any variations to specifications and full details of conditions of sale can be obtained by contacting us at:

t +44 (0)1604 495 151
f +44 (0)1604 495 095
e sales@collingwoodgroup.com

Cover images can be found on pages 28, 35 & 46.

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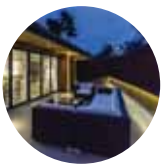
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AN INTRODUCTION TO COLLINGWOOD

We design and manufacture innovative, high quality LED lighting solutions.

We are designers and makers – insightful, agile and inventive. We are committed to seeking the most effective way of doing things, to making brilliant products, to delivering outstanding service, to being the first and best choice for our customers.

At Collingwood Lighting our drive and determination to provide excellence for our customers pushes us to challenge the boundaries of the lighting industry. We believe that each stage of the lighting process is crucial to creating awe-inspiring lit environments and dedicate ourselves to each step.



Design & planning



Streamlining installation



Customer care excellence

Design & planning

From the initial idea we collaborate with our customers to design beautifully lit, energy efficient spaces. We provide a wealth of resources to aid in maximising the potential of any space including case studies, guides and an exceptional lighting design team.

Streamlining installation

We regularly develop innovative solutions to make the installation of our products quicker and easier for our customers and their teams. From our team of engineers improving every aspect of our products through to video guides, customer training and a highly skilled sales and technical team – we aim to make the installation as streamlined as possible.

Customer care excellence

We know that one of the key considerations when completing a project for your customers is peace-of-mind after completion. To this end we offer extended warranties, after care guides and a brilliant customer services team only a phone call away.





COLLINGWOOD INNOVATIONS

Established in 1901 and starting to design and produce LED lighting in 2002, Collingwood has a proven history of innovation.

We are determined to create products that drive the market forward whilst providing solutions to make the lives of our customers easier.

It's this switched-on philosophy that has led us to introduce many firsts to the LED lighting market.

Collingwood were the first to...

Design and manufacture LED lighting products for the UK electrical wholesale market

Produce sealed for life, 100% waterproof, inground LED lighting products

Produce sealed for life outdoor LED lighting products

Produce a fit for purpose, high performance, fire-rated LED downlight

Produce a mains dimmable LED downlight

Produce an LED downlight that complies with all building regulations

Produce a fire, acoustic and moisture-rated 360° eyeball style downlight

Offer a 7-year extended warranty

NEW PRODUCTS

DOWNLIGHTS

We invest our energy, into saving you energy

Our continued quest for perfection and drive for innovation has led to us improving and expanding our downlight range once again. With updates to improve the performance of some of our classics - the H2 Pro 550, H2 Lite and H5 Trimless - plus new products including low glare, dim to warm and colour switchable, the Collingwood downlight range provides the solution for any installation.

The ideal solution for any project

Tri-LED

Single point source

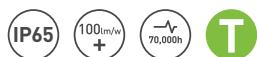
Colour switchable

Dim to warm

Truly low glare

H2 Pro 550

Dimmable, fire-rated LED downlight



580 lumens

Page 65



H2 Pro 550 SPS

Single point source, dimmable, fire-rated LED downlight



560 lumens

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H2 Pro 550 CS

Colour switchable, dimmable, fire-rated LED downlight



575 lumens

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H2 Pro Dusk

Dim to warm, fire-rated LED downlight



530 lumens

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H2 Pro Elect

Low glare, dimmable, fire-rated LED downlight



640 lumens

*available in dim to warm

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NEW PRODUCTS

DOWNLIGHTS

Plaster-in

Low glare plaster-in

All-round

Commercial

Modular

H5 Trimless

H2 Pro Elect Trimless

H2 T

H6

DM02

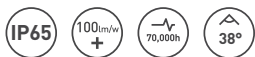
Dimmable, plaster-in, trimless, fire-rated LED downlight

Dimmable, low glare, plaster-in, trimless, fire-rated LED downlight

Dimmable, fire-rated LED downlight complete with bezel and T connector

Dimmable commercial LED downlight

Single point source, dimmable, modular downlight



580 lumens

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700 lumens

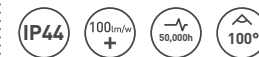
* available in dim to warm

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460 lumens

Page 64



3350 lumens

Page 83



580 lumens

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NEW PRODUCTS

We've expanded our product offering to provide even more innovative solutions for a wide range of projects.



This icon indicates that the product is available with a microwave sensor



This icon indicates that the product is available with a PIR sensor

Our new microwave and PIR sensor options add an extra level of security and efficiency to commercial and residential environments.

BULKHEADS

The WL92 is a straight to mains, LED bulkhead with microwave sensor



1620 lumens

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STRIPLIGHTS

LSV02
5m LED strip pack



430 lumens

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LSV42
5m LED strip pack



430 lumens

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LSV44
5m LED strip pack



1290 lumens

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LSV45
Bespoke LED strip



1290 lumens

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NEW PRODUCTS

FLOODLIGHTS

Flood lights ranging from 10W to 100W



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*IP44 when with sensor



LANDSCAPE

Drive over LED ground lights



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T Push-fit terminal connector available
Wherever you see this symbol

EM Emergency pack service available
Wherever you see this symbol

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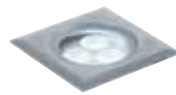
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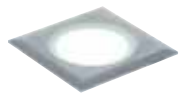
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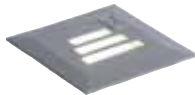
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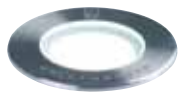
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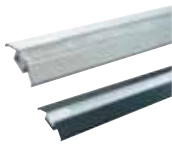


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NEW

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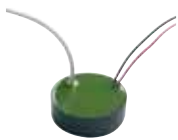
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ACCESSORIES



JUNCTION BOXES
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LAYERING LIGHT

By layering up light from different sources at different levels, richness and depth is added to a space. Bring together the three key types of lighting, ambient, task and accent, in varying combinations, to create a sophisticated multi-dimensional scheme which will enhance any environment, bringing it to life, allowing for variations in atmosphere and making it a pleasant and exciting place to be.

These layers can generally be broken down into different types:

- Ambient lighting
- Task lighting
- Accent lighting
- Low-level lighting
- Mid-level lighting
- High-level lighting

It is not necessary for an installation to include all types of lighting for it to be successful. However, by using a combination of these, it is possible to create exciting environments that people really want to spend time in.

AMBIENT LIGHTING

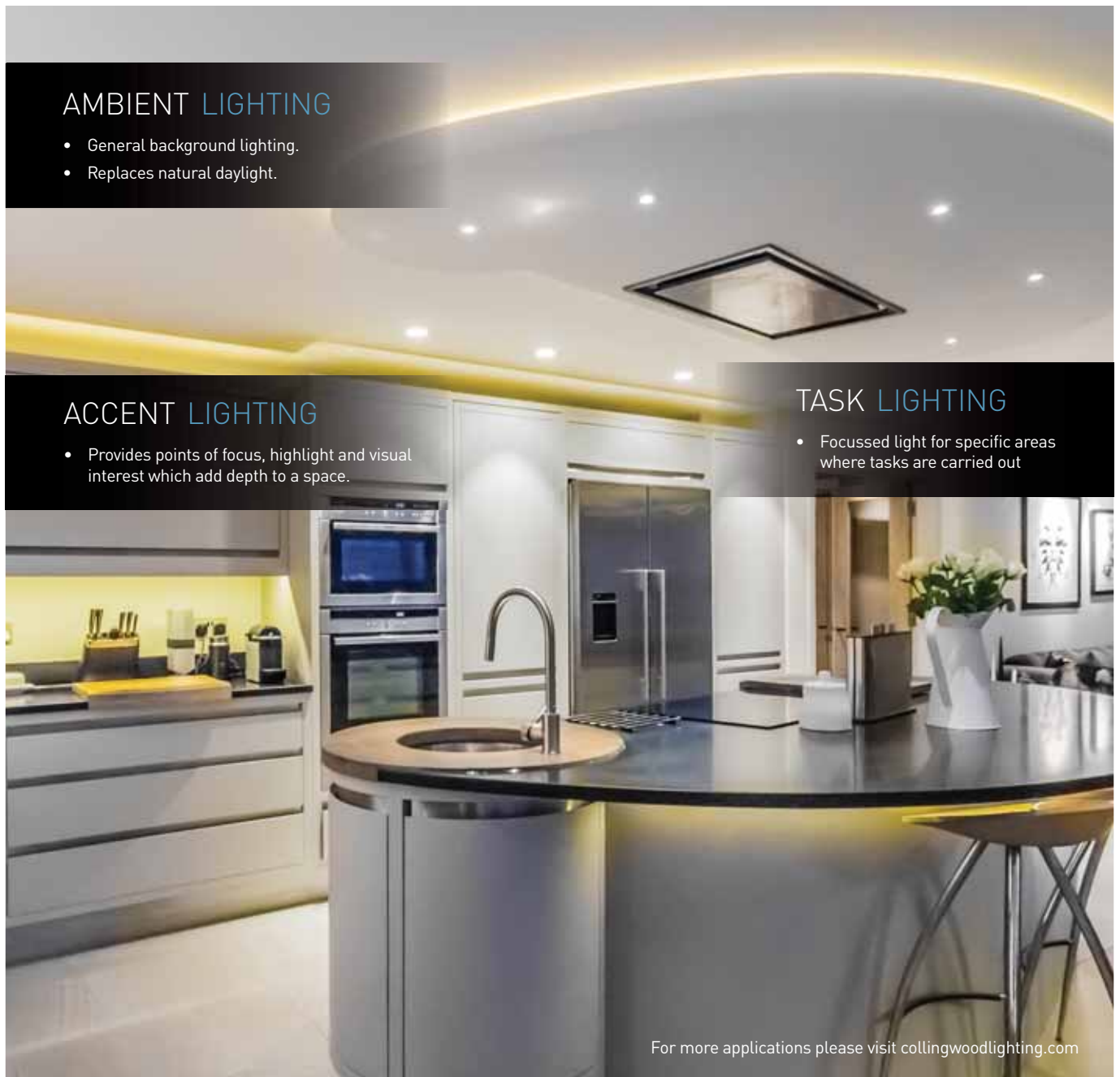
- General background lighting.
- Replaces natural daylight.

ACCENT LIGHTING

- Provides points of focus, highlight and visual interest which add depth to a space.

TASK LIGHTING

- Focussed light for specific areas where tasks are carried out



For more applications please visit collingwoodlighting.com

HIGH LEVEL LIGHTING

- Lights which illuminate higher level features such as ceilings, cornices or tall trees provide this layer of light.



MID LEVEL LIGHTING

- Wall lights, lamps, under cupboard lights, lit niches and shelving all contribute to an intermediate layer of light. In the garden, wall lights and spiked lights highlighting shrubs work well.



LOW LEVEL LIGHTING

- Lights at ground level or set low in walls and kickboards, shining down onto the ground or onto steps, provide a soft low level of mood lighting and can also act as an effective night light. The same is true outside, with lit paths and steps providing low-level guide lighting.

LIGHTING DESIGN SERVICE

At Collingwood Lighting, we have a team of professional lighting designers who offer two levels of service to our customers. Where appropriate, the designers can provide a 3D render of your lighting choices, enabling you to visualise your selection of LED products in situ. With their passion and flair for creative and effective lighting solutions, our design team is also equipped to propose and present a full lighting solution for your project, however big or small.

Our schemes are tailored to meet all your requirements, enabling you to enhance and control your environment through the use of light. By layering light from different sources, highlighting key features of the space, ensuring that light is provided where it is most needed and that flexibility is fully catered for, our designers will help you to put in place the most effective lighting for your project.

Call the sales team on **01604 495151** to discuss your ideas.



Bradford University

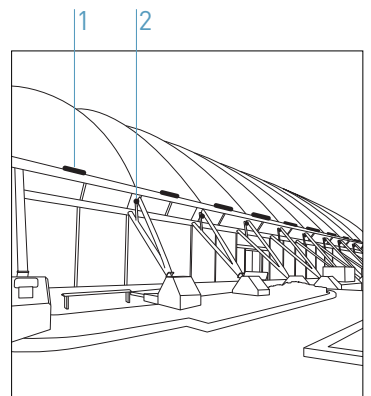
Recreate this look:



1. [Page 252](#)
UL346CARGB



2. [Page 254](#)
UL030RGBW





Kings Head - Spratton

Recreate this look:



1. Page 136
MC050

Add to this look...

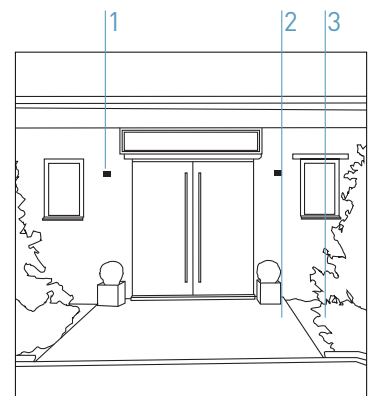


2. Page 222
SL030



3. Page 123
GL018 C

The **SL030** could have been planted in the beds to create an additional layer of light here. **GL018 Cs** could also have been added to draw the eye towards the entrance.





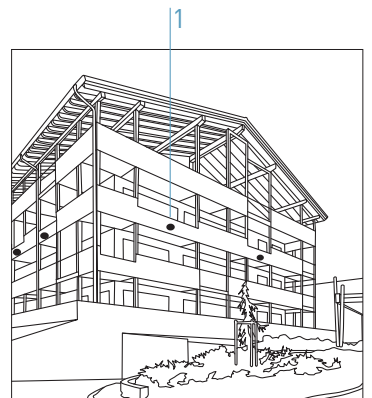
Hotel – Ulrichshof Rimbach

Architektur- und Designstudio: noa* - network of architecture

Recreate this look:



1. Page 135
WL075A





Hotel – Ulrichshof Rimbach

Architektur- und Designstudio: noa* - network of architecture

Recreate this look:



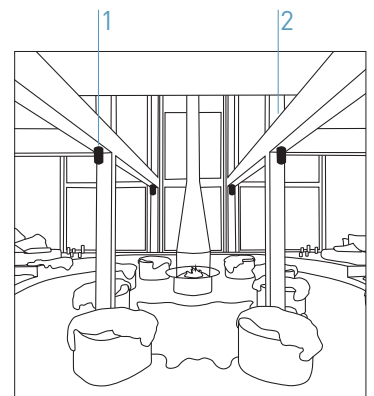
1. Page 92
DLSURFACE

Add to this look...



2. Page 209
UL030

Highlighting of the timber structure could be achieved with UL030.





Odeon Cinema

Recreate this look:



1. Page 261
LED5050RGB



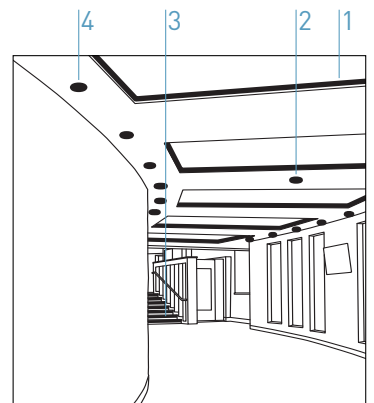
2. Page 83
H6 LITE



3. Page 173
LSC45



4. Page 80
H5 500 ASYM





Errol Flynn Cinema - Northampton

Recreate this look:



1. Page 65
H2 PRO 550



2. Page 142
WL041 IP

Add to this look...

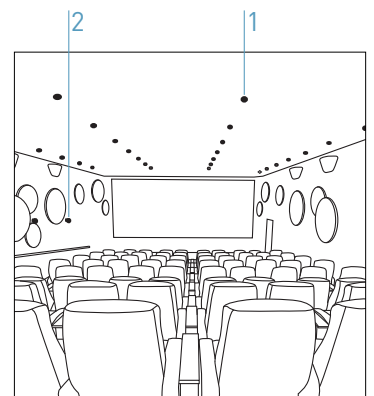


1. Page 79
H5 500 SYM



1. Page 92
DL SURFACE

Alternatively, consider using low glare fittings like **H5 500 SYMMETRIC** or surface mounted fittings such as the **DL SURFACE** for an additional feature.





Private residence - Sheffield

Recreate this look:



1. [Page 134](#)
WL370A



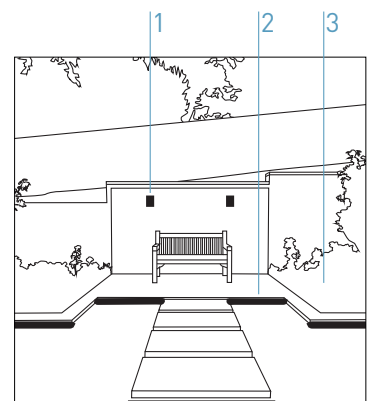
2. [Page 175](#)
LEDSTRIP IP

Add to this look...



3. [Page 222](#)
SL030

SL030s could be added to the beds to up-light shrubs and add another layer of light.





Porthmeor Beach Cafe Bar - Cornwall

Recreate this look:



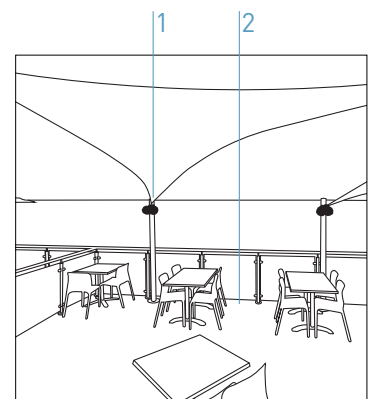
1. Page 209
UL030

Add to this look...



2. Page 123
GL018 C

GL018s could be added to provide a low level glow of light.





Hotel - Aix en Provence

Recreate this look:



1. Page 222
SL030



2. Page 114
GL050



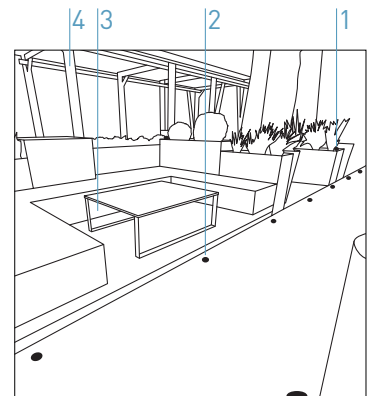
3. Page 175
LEDSTRIP IP

Add to this look...



4. Page 135
WL075A

WL075As could be added to the pergola as downlights to provide an additional layer of light.





Private residence - Sheffield

Recreate this look:



1. Page 131
GL034A



2. Page 175
LEDSTRIP IP



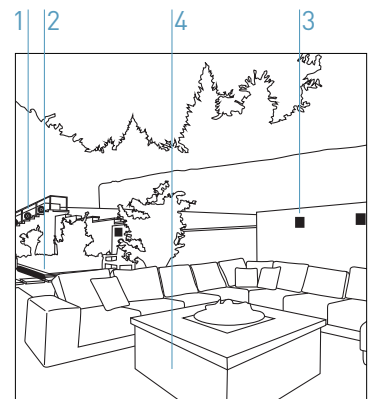
3. Page 134
WL370A

Add to this look...



4. Page 133
WL341

Set **WL341s** in the sides of the stone fire support to wash light down onto the floor for a low level layer of soft lighting.





Venu Bar/Club - North Wales

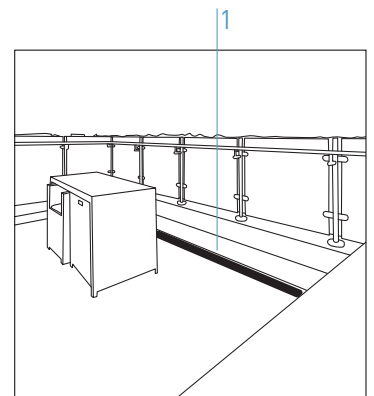
Recreate this look:



Keeping it simple is sometimes the best option. By avoiding mid-level lighting in this installation, the view of the city really stands out.

1. [Page 174](#)

LSC83





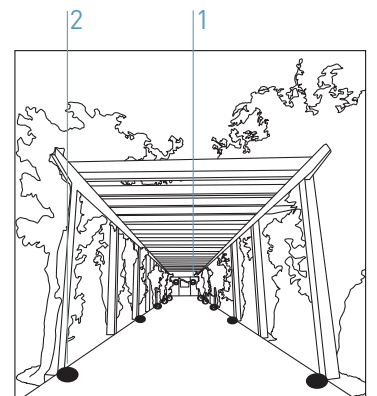
Brightwell Hall Farm - Ipswich

Recreate this look:



1. Page 134
WL070A

2. Page 111
GL038A





Private residence

Courtesy of birchhomes.co.uk

Recreate this look:

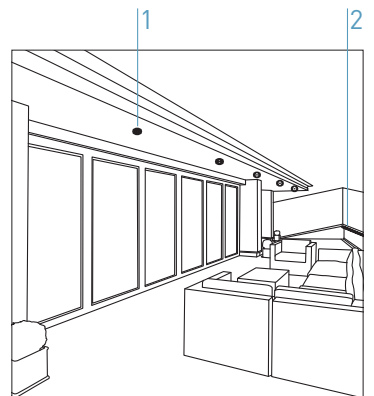


1. Page 113
GL040



2. Page 172
LSC43

To find out how you can recreate the interior lighting see [Page 46](#).





Porthminster - Cornwall

Recreate this look:



1. Page 79
H5 500 SYM

Add to this look...

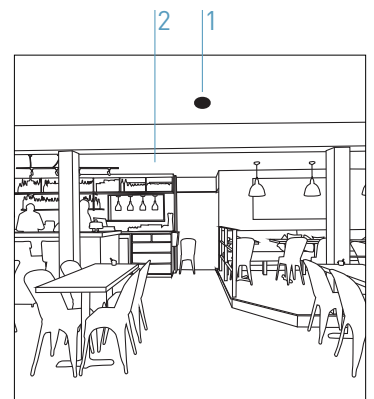


2. Page 100
DM01



2. Page 102
DH02WH

Dark spots, such as the chest, could be lit with the **DM01 + DH02WH**.





Lourenzos - Dumfermline - Scotland

Recreate this look:



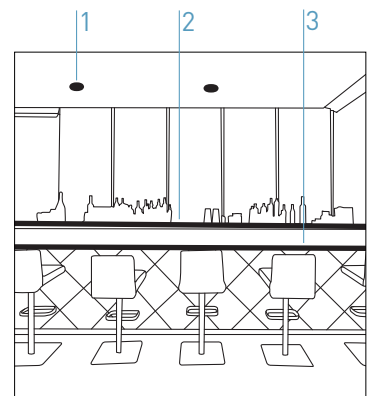
1. [Page 78](#)
H5 TRIMLESS



2. [Page 261](#)
LED5050RGB



3. [Page 172](#)
LSC43





Private Residence

Recreate this look:



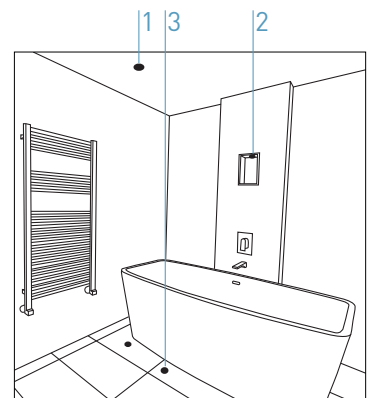
1. Page 65
H2 PRO 550



2. Page 212
LED LYTE IP



3. Page 118
GL019 S





The Barn - Suffolk

Recreate this look:



1. Page 65
H2 PRO 550



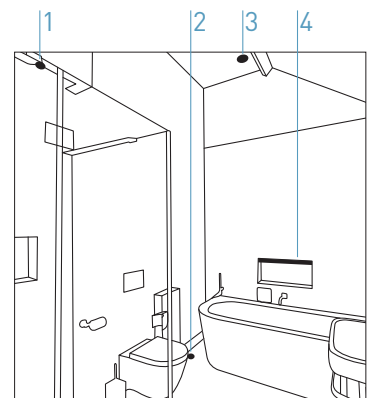
2. Page 118
GL019 S



3. Page 79
H5 500 SYM



4. Page 175
LEDSTRIP IP





Private Residence

Recreate this look:



1. Page 65
H2 PRO 550



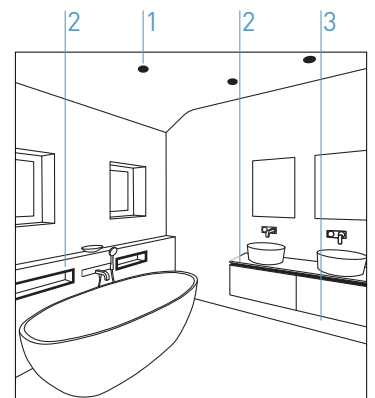
2. Page 175
LEDSTRIP IP

Add to this look...



3. Page 175
LEDSTRIP IP

Add another length of **LEDSTRIP IP** underneath the floating unit to provide a low level of light.





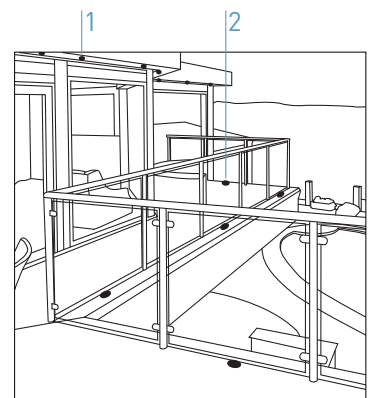
Carbis Bay Hotel - St Ives

Recreate this look:



1. [Page 65](#)
H2 PRO 550

2. [Page 113](#)
GL040





Private residence

Photo: Lumiere

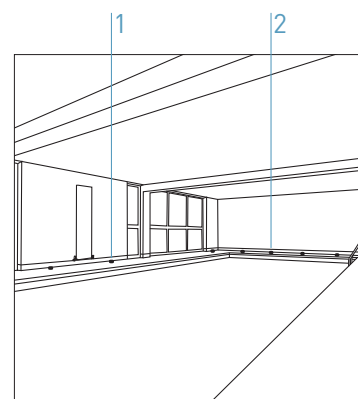
Recreate this look:



1. Page 118
GL019 S



2. Page 246
GL050RGBW





Private residence

Recreate this look:



1. Page 220
SL220A



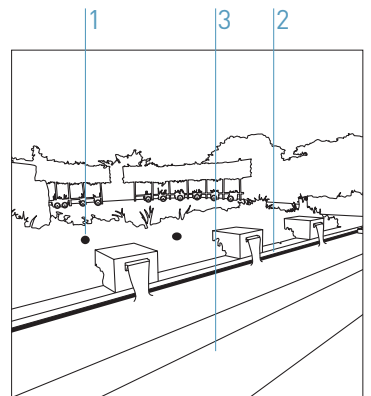
2. Page 175
LEDSTRIP IP

Add to this look...



3. Page 123
GL018

Marker lights such as **GL018** can be used to subtly light the way of the path.





Private residence - Costa Brava

dosarquitectes | Francesc Aromir

Recreate this look:



1. Page 113
GL040

Add to this look...

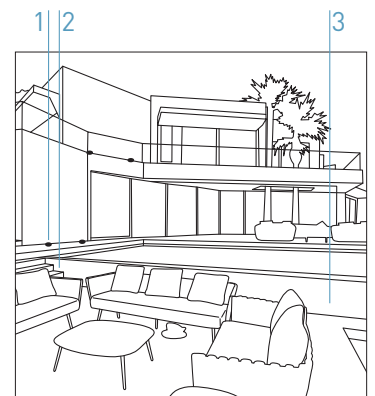


2. Page 115
GL016 F



3. Page 227
BOL LED 1

Add miniature ground lights such as **GL016** into the sides of steps and low retaining wall for a low layer of light which will frame the seating area. The wooden Bollard, **BOL LED 1**, would also complement this scene and provide extra light to relax by.





Private residence

Recreate this look:



1. Page 134
WL070A



2. Page 113
GL040



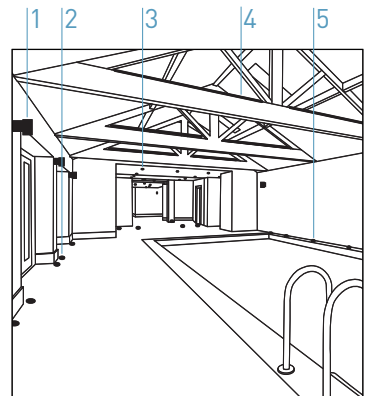
3. Page 65
H2 PRO 550



4. Page 172
LSC43



5. Page 115
GL016 F





Private Residence - Brighton

Recreate this look:



1. Page 118
GL019 S



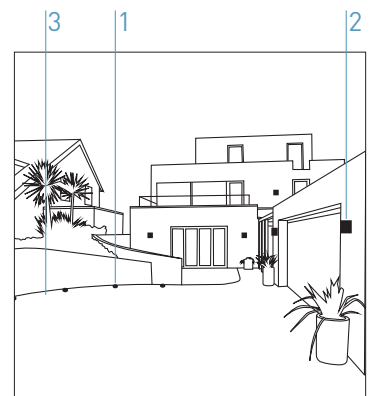
2. Page 134
WL070A

Add to this look...



3. Page 132
WL340

WL340 could have been used here in conjunction with the ground lights to provide a wash of light on the drive way.





The Long House - Suffolk

Recreate this look:



1. Page 113
GL040



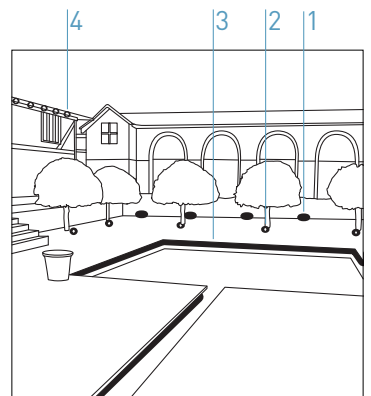
2. Page 115
GL016 F



3. Page 175
LEDSTRIP IP



4. Page 118
GL019 S





The Star Inn The City - York

Recreate this look:



1. Page 226
BOL LED 030 MAINS



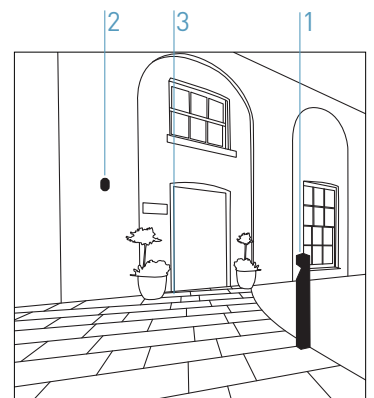
2. Page 134
WL170A

Add to this look...



3. Page 111
GL038A

GL038As could be placed either side of the entrance door to create a welcoming look.





Private residence - Northampton

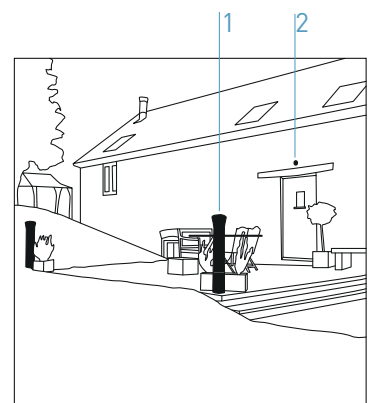
Recreate this look:



1. [Page 229](#)
BOL255



2. [Page 135](#)
WL075A





Private residence - Halifax

Recreate this look:



1. Page 65
H2 PRO 550



2. Page 118
GL019 S

Add to this look...



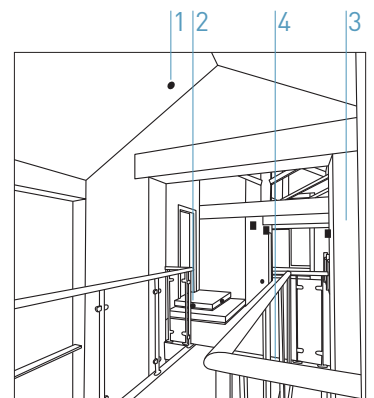
3. Page 134
WL070A



4. Page 123
GL018 C

Add accent lighting with **WL070s** set either side of the opening to highlight the bare stonework with flumes of light.

A low level of light could be added to the walkway by recessing **GL018s** into the wood.





Private Residence - Worcestershire

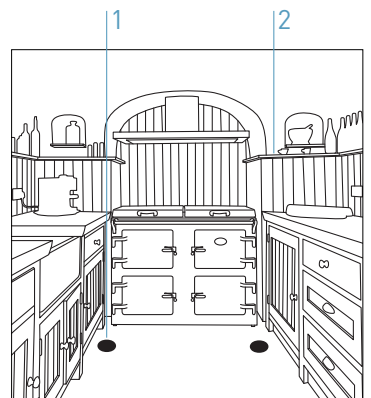
Recreate this look:



1. Page 132
WL340



2. Page 167
LSV43





Private residence

Recreate this look:



1. Page 210
UL030



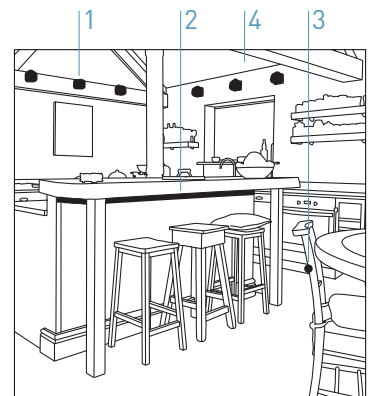
2. Page 171
LSC03




3. Page 150
ML01



4. Page 74
H4 FF 60°



 Watch the layering light video on the YouTube channel to find out more about this project.



Recreate this look:



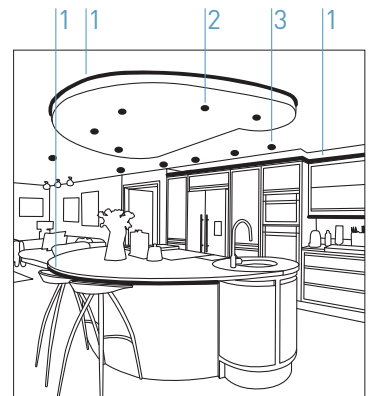
1. Page 172
LSC43



2. Page 64
H2 LITE



3. Page 79
H5 500 SYM





Private residence - The Barn, Suffolk

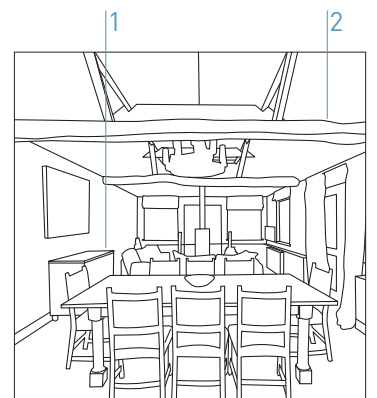
Recreate this look:



1. Page 118
GL019 S



2. Page 141
WL220A





Private residence

Recreate this look:



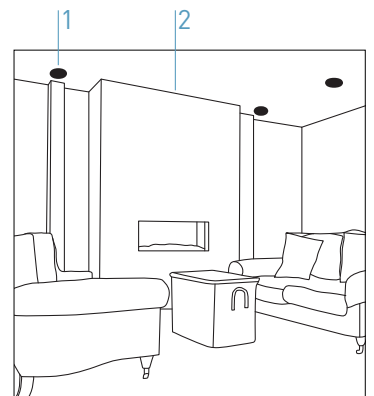
1. [Page 79](#)
H5 500 SYM

Add to this look...



2. [Page 118](#)
GL019 S

Add [GL019s](#) set as downlights against the rough stone wall to add another level of interest, creating shadow and highlighting texture.





The Barn - Suffolk

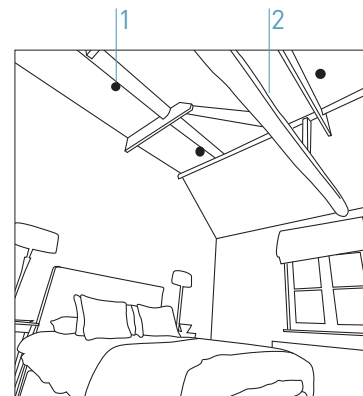
Recreate this look:



1. Page 79
H5 500 SYM



2. Page 171
LSC03





Private Residence

Recreate this look:



1. Page 65
H2 PRO 550



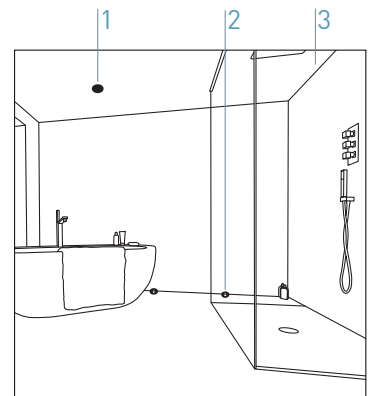
2. Page 114
GL050

Add to this look...



3. Page 118
GL019 F

Highlight the colour and texture of the wall tiles by setting four **GL019 Fs** in the ceiling behind the shower.





Private residence

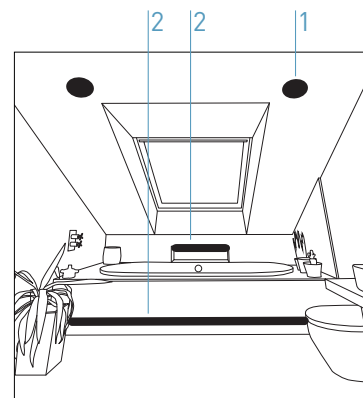
Recreate this look:



1. [Page 77](#)
H4 EYEBALL



2. [Page 175](#)
LEDSTRIP IP





Private residence

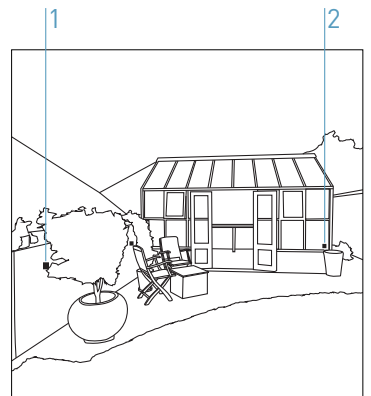
Recreate this look:



1. [Page 146](#)
MC020 S



2. [Page 210](#)
UL010





Private residence

Recreate this look:



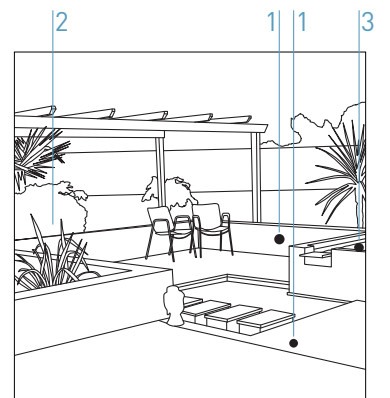
1. Page 114
GL050



2. Page 209
UL030



3. Page 220
SL220A





The Crypt - Woburn

Recreate this look:



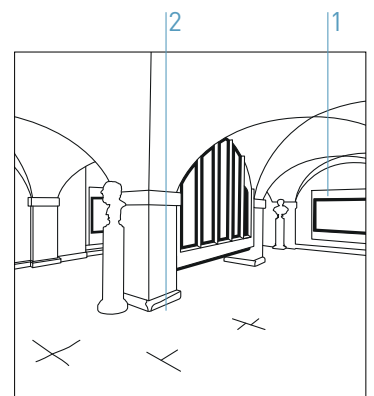
1. Page 171
LSC03

Add to this look...



Use small **GL016** fittings to highlight columns and reflect light back from the vaulted ceiling.

2. Page 115
GL016 F





Castle Howard - York

Recreate this look:



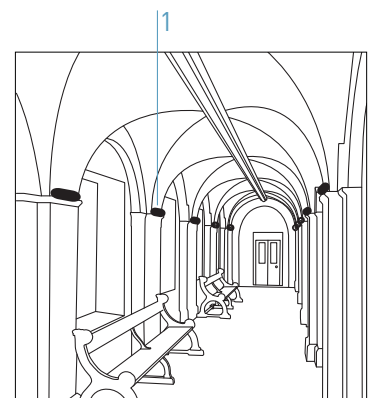
1. Page 202
LEDLINE 400 45

Add to this look...



1. Page 205
ULM347M40

For a straight to mains option use [LEDLINE MAINS](#)





University - Newcastle

Recreate this look:



1. [Page 202](#)
LEDLINE 400 45



2. [Page 204](#)
LEDLINE 400 25X6



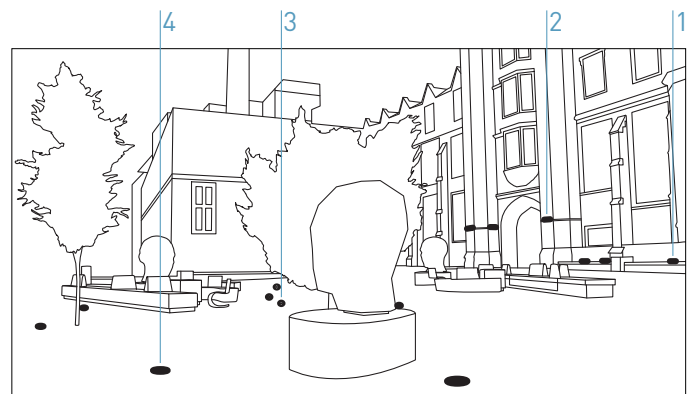
3. [Page 112](#)
GL090



4. [Page 107](#)
GL08



Photo © Southern Green Ltd





Thackerays - Northampton

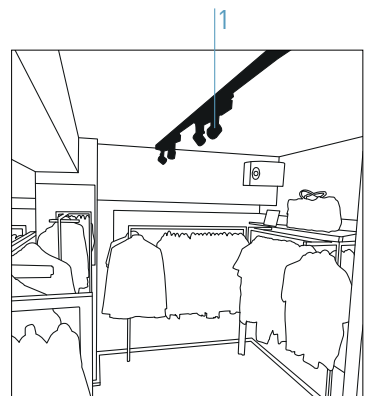
Recreate this look:



Our retail range offers total flexibility for lighting your retail store. Our range features LUXEON CrispWhite Technology on our 3000K option, to make colours pop and whites come alive.

1. Page 183

TMWH2030





Asha's Attire - Oundle

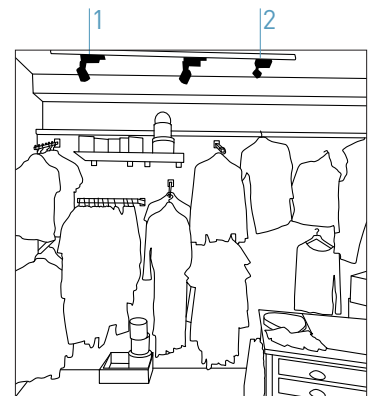
Recreate this look:



1. Page 183
TMWH7030

2. Page 184
TSWH5030

Our retail range offers total flexibility for lighting your retail store. Our range features LUXEON CrispWhite Technology on our 3000K option, to make colours pop and whites come alive.



DOWNLIGHTS

Choose a light that makes you look good and feel good



PRODUCT COMPARISON

| | H2 Lite | H2 Pro 550 | H2 Pro 550 SPS | H2 Pro 550 CS | H2 Pro 700 | H2 Pro Dusk | H2 Pro Elect | H2 Pro Elect Trimless | H4 FF | H4 Pro 700 | H4 Eyeball | H5 Trimless |
|--|---------|------------|----------------|---------------|------------|-------------|--------------|-----------------------|---------|------------|------------|-------------|
| | | | | | | | | | | | | |
| | Page 64 | Page 65 | Page 66 | Page 67 | Page 68 | Page 69 | Page 70 | Page 71 | Page 73 | Page 75 | Page 77 | Page 78 |
| Single point source | ● | ○ | ● | ● | ● | ● | ● | ● | ○ | ● | ○ | ○ |
| Dimmable | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fire-rated | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Insulation coverable | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| LED colour options | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Colour switchable | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| Beam angle options | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | ● | ○ | ○ |
| Bezel finish options | ● | ● | ● | ● | ● | ● | ● | ○ | ● | ● | ● | ○ |
| IP65 rated | ● | ● | ● | ● | ● | ● | ○ | ○ | ● | ● | ● | ● |
| Tilt angle 20° | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ |
| Recessed | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Recessed LED | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ● |
| UGR ≤ 14 | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ |
| Dim to warm option available | ○ | ○ | ○ | ○ | ○ | ● | ● | ● | ○ | ○ | ○ | ○ |
| Push-fit terminal connector available | T | T | T | T | T | T | T | † | T | T | T | † |
| Emergency packs available | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Terminal & Emergency pack option available | ○ | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Extended warranty available | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

DOWNLIGHTS

Choose a light that makes you look good and feel good



PUSH-FIT TERMINAL CONNECTOR OPTION

We understand that your time on site is precious and we are therefore constantly looking for new ways to make your life easier through innovative product development. Our Push-fit Terminal Connectors, or 'T' products have been designed specifically with this in mind.



NO TOOLS

Unlike other products on the market which rely on screw-fit or ratchet systems, the Collingwood downlight Terminal Connector utilises push-fit technology and is ready to install without the need for any tools. This option turns a frustrating and time-consuming wiring task into a simple, straightforward job that can be completed in a matter of seconds. The downlight comes already securely attached to the connector, so it only has to be fitted at one end. Push-fit terminals allow for quick and easy loop in/loop out wiring, eliminating the need for separate junction boxes. It simply clamps shut on the cable.




SAFE AND SECURE

Our Push-fit Terminal Connector meets all regulations and has been meticulously designed and stress-tested to make sure the wiring stays put even under increased load. Inbuilt adaptors allow for both UK and European cable dimensions for added versatility.






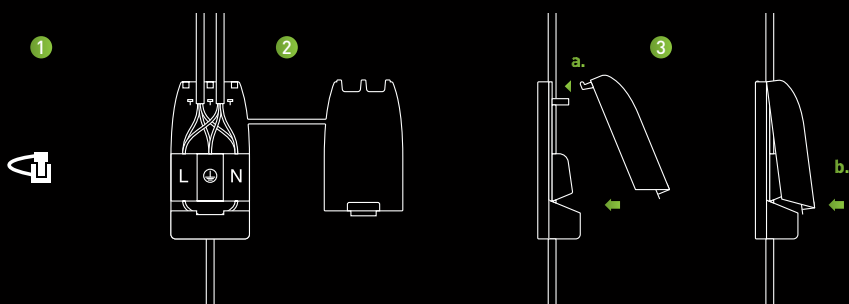
SAVE TIME AND MONEY

As wiring it only takes a matter of seconds, our Push-fit Terminal Connector can save you time and money. Just look for the logo. 

3 SIMPLE STEPS...

to quick and secure installation

-  Fold the cord grip adapter back on itself and sit in recess
-  Align the wires and push into place
-  a. Position lid into place at the front
b. Push firmly to click shut at the back. The Terminal Connector and product are connected and ready to use

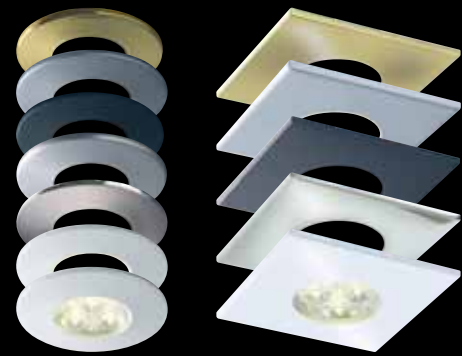
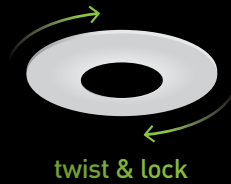


SLIMMER, SMARTER BEZELS

TWIST & LOCK TECHNOLOGY

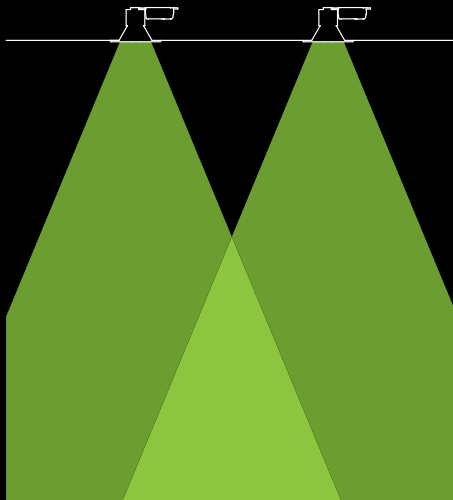
Our H2 Pro range bezels have a slimline flush finish with 'twist & lock' technology that makes interchanging bezels quick, clean and easy.

Choose from seven round bezels and five square available in matt white, gloss white (round only), matt black, silver, chrome, brushed steel (round only) & polished gold. The matt white & matt black option can also be painted with a wide range of household emulsions.



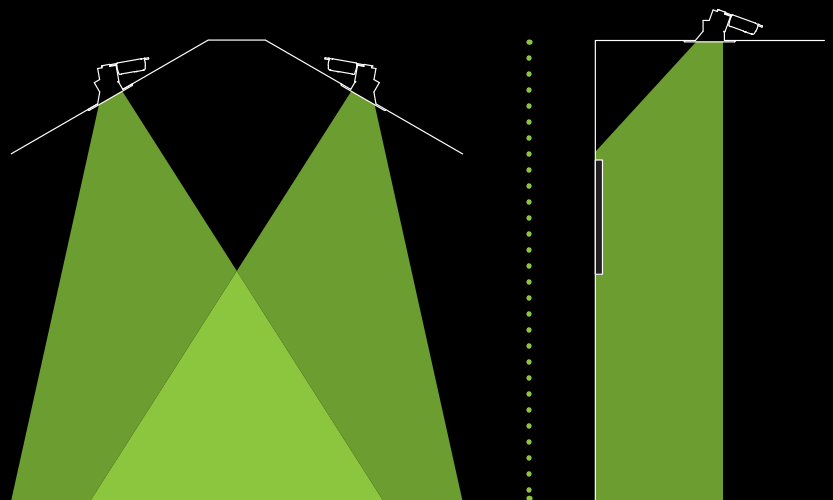
SYMMETRIC vs ASYMMETRIC

SYMMETRIC



A symmetric lens offers clean, vertical illumination in one direction. Used when the ceiling is horizontal and when light is required to illuminate directly below the luminaire on the surface of the floor.

ASYMMETRIC



An asymmetric lens offers clean illumination vertically and angled at 20 degrees. Used when a ceiling is pitched at an angle but the light is still required directly below the luminaire on the surface of the floor. It can also be used in horizontal ceilings to direct light both at the floor and the wall to highlight pictures.

DECORATOR BOX

Our downlight packaging has been designed so that it can be used to form a shield around the product after connecting, protecting your downlight from potential paint splatter and dust.



EMERGENCY PACK

PRE-WIRED SERVICE AVAILABLE

In the event of a power outage, your emergency lighting system will illuminate a safe evacuation route for people from commercial and high occupancy buildings such as places of work, hospitals and hotels.

Collingwood Lighting's maintained emergency luminaire is available across most of our Downlight range offering a flexible solution to complement any lighting scheme.

With 'out of the box' functionality, our maintained emergency luminaire does away with all the complications and frustrations of assembling on-site, enabling you to save precious time and money.



To find out more about both the Decorator Box and Terminal Connector, check out our video at [youtube.com/collingwoodlighting](https://www.youtube.com/collingwoodlighting) or call 01604 495 151



COLLINGWOOD
LIGHTING



NEW

FEATURES & BENEFITS

- > 100lm/W+
- > Insulation coverable
- > Uses latest single point source technology to replicate traditional halogen look
- > Mains dimmable as standard
- > Compact integral driver for easy installation
- > Push-fit terminal connector included
- > LED downlight complete with bezel for a straightforward fit

H2 Lite T

Dimmable, fire-rated LED downlight complete with bezel and terminal connector

Suitable for use in bathrooms |
 Push-fit terminal connector included |
 Insulation coverable |
 High efficacy |
 4-year extended warranty available

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent ZONE L70, B10 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|------------|--------------|-------|-----|------|----------|
| 4000K | 55° | B / steel | DLT388BS5540 | >80Ra | 460 | 105 | 527 |
| | 55° | Matt white | DLT388MW5540 | >80Ra | 460 | 105 | 527 |
| 3000K | 55° | B / steel | DLT388BS5530 | >80Ra | 440 | 100 | 504 |
| | 55° | Matt white | DLT388MW5530 | >80Ra | 440 | 100 | 504 |

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / plastic insulation protector |
| Flicker index / flicker % | 0.0082 / 1.15% |
| Inrush current | 0.79A 0.06ms |
| Maximum ceiling thickness | 40mm |

WIRING

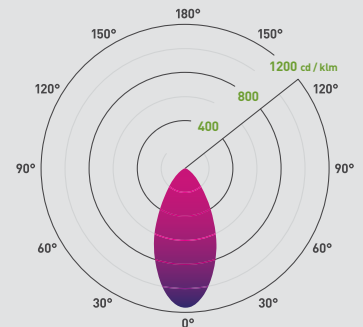
| | |
|----------------------------------|--|
| Cable / flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3-core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.8 | Yes (mains) | 1 (ceiling only) |

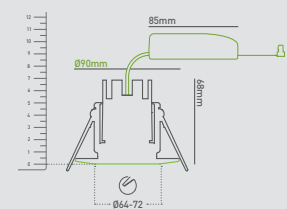
ACCESSORIES

| Product code | Description |
|-----------------|---|
| DLCONVERT70 | Converter plate 84 |
| Dimming options | Contact us on 01604 495 151 for more information |



4000K 55°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012



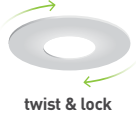
COLLINGWOOD
LIGHTING



NEW

FEATURES & BENEFITS

- > 100lm/W+
- > Only 6.7W
- > Mains dimmable as standard
- > Slimline twist & lock bezels (sold separately)
- > Flexible driver position for easy installation
- > Push-fit terminal connector included
- > Shallow depth of 49mm
- > Uses latest single point source technology to replicate traditional halogen look



H2 Pro 550 SPS

Single point source, dimmable, fire-rated LED downlight

IP65 Suitable for use in bathrooms |
 T Push-fit terminal connector included |
 EM Emergency versions available |
 100lm/W+ High efficacy |
 G 7-year extended warranty available

55° 6.7W 240V 864-72 FLICKER FREE 50°C 1/40°C DIM 230g 1 70,000h 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 55° | DLT4335540 | >80Ra | 560 | 112 | 516 |
| 3000K | 55° | DLT4335530 | >80Ra | 550 | 110 | 506 |

EMERGENCY PACK SERVICE OPTION Approx 25% light output compared to normal running

For 3hr emergency pack service option suffix partcode with **EM**. eg. DLT4333840 becomes DLT4333840**EM**

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / plastic |
| Flicker index / flicker % | 0.021 / 7.42% |
| Inrush current | 0.398A 0.08ms |
| Maximum ceiling thickness | 40mm |

WIRING

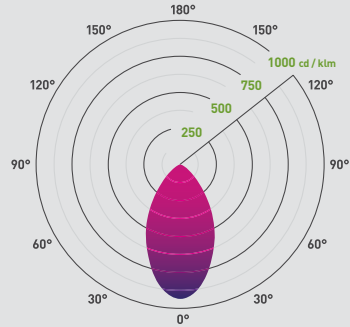
| | |
|----------------------------------|---|
| Cable / flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

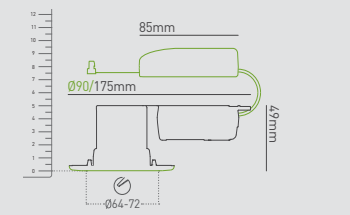
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.85 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| Product code | Description | |
|-------------------------|--|----|
| H2 Pro range bezels | Round & square H2 Pro bezel options | 72 |
| DLCONVERT70 | Converter plate | 84 |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |
| Dimming options | Contact us on 01604 495 151 for more information | |



4000K 55°
Additional diagrams available at collingwoodlighting.com



All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.

This luminaire contains built-in LED lamps. **A++ A+ A C D E** LED

The lamps cannot be changed in the luminaire.

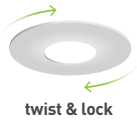
collingwood lighting 874/2012



COLLINGWOOD
LIGHTING



NEW



twist & lock

FEATURES & BENEFITS

- 3 colour temperatures in one product
- Easily choose CCT with standard wall switch or dimmer
- High efficacy 93lm/W (6500K)
- Only 6.2W
- Mains dimmable as standard
- Push-fit terminal connector included
- Slimline twist & lock bezels (sold separately)
- Flexible driver position for easy installation
- Shallow depth of 49mm

H2 Pro 550 CS

Colour switchable, dimmable, fire-rated LED downlight

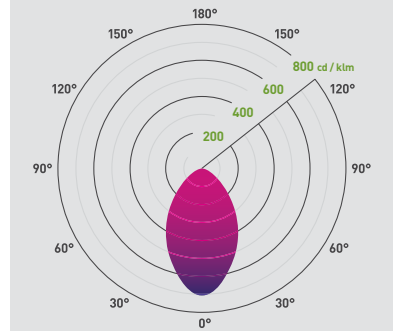
IP65 Suitable for use in bathrooms |
 T Push-fit terminal connector included |
 EM Emergency versions available |
 93lm/W High efficacy (6500K) |
 G 7-year extended warranty available

65° | 6.2W | 240V | 864-72 | FLICKER FREE | 40°C | 40°C | DIM | 186g | 1 | 70,000h | 3SDCM

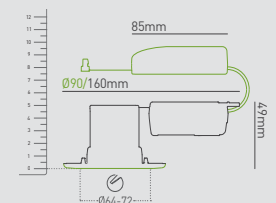
* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent



6500K 4000K 3000K



6500K 65°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. **A+** **A** **A** **C** **D** **F** LED

The lamps cannot be changed in the luminaire.

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PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 6500K* | 65° | DLT4286500 | >80Ra | 575 | 93 | 405 |
| 4000K* | 65° | DLT4286500 | >80Ra | 560 | 90 | 395 |
| 3000K* | 65° | DLT4286500 | >80Ra | 545 | 88 | 384 |

* CCT is chosen by switching wall dimmer / switch

EMERGENCY PACK SERVICE OPTION Approx 25% light output compared to normal running
For 3hr emergency pack service option suffix partcode with **EM**. eg. DLT4286500 becomes DLT4286500**EM**

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / plastic |
| Flicker index / flicker % | 0.0082 / 1.15% |
| Inrush current | 0.45A 0.07ms |
| Maximum ceiling thickness | 40mm |

WIRING

| | |
|----------------------------------|--|
| Cable / flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3-core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.9 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| Product code | Description | Price |
|-------------------------|--|-------|
| H2 Pro range bezels | Round & square H2 Pro bezel options | 72 |
| DLCONVERT70 | Converter plate | 84 |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |
| Dimming options | Contact us on 01604 495 151 for more information | |

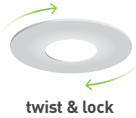
All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.



COLLINGWOOD
LIGHTING



H2 Pro 700 T shown



FEATURES & BENEFITS

- Uses latest single source technology to replicate traditional halogen look
- 55° beam angle option offers superior vertical illumination and allows for larger spacing between downlights
- Increased lumens for greater light output
- Low profile of only 53mm
- Loop in / loop out push-fit connector available
- Slimline twist & lock bezels (sold separately)
- Flexible driver position for easy installation



H2 Pro 700 | H2 Pro 700 T

Dimmable, fire-rated LED downlight

IP65 Suitable for use in bathrooms |
 T Loop in/out push-fit connector available |
 EM Emergency versions available |
 FLICKER FREE Flicker-free |
 G 7 year extended warranty available

38/55° | 11W | 240V | Ø60-70 | 60°C | ±35°C | DIM | 270g | 1 | 70,000h | 3SDCM

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent | ZONE L70, B10

| PHOTOMETRICS @ 25°C | | | | | | | |
|---------------------|------------|--------------|--------------|-------|-----|------|----------|
| Colour | Beam angle | Product code | Product code | CRI | lm | lm/W | lx at 1m |
| 4000K | 38° | DL2423840 | DLT2423840 | >80Ra | 765 | 70 | 1500 |
| | 55° | DL2425540 | DLT2425540 | >80Ra | 765 | 70 | 670 |
| 3000K | 38° | DL2423830 | DLT2423830 | >80Ra | 715 | 65 | 1400 |
| | 55° | DL2425530 | DLT2425530 | >80Ra | 715 | 65 | 635 |
| 2700K | 38° | DL2423827 | DLT2423827 | >80Ra | 655 | 60 | 1300 |
| | 55° | DL2425527 | DLT2425527 | >80Ra | 655 | 60 | 595 |

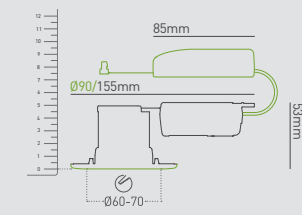
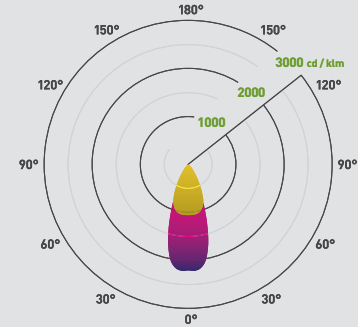
EM EMERGENCY PACK SERVICE OPTION Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information. For 3hr emergency pack service option suffix partcode with **EM**. eg. DL2423840 becomes DL2423840**EM**

| GENERAL | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

| WIRING | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

| LED DRIVERS | | | | | |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
| N/A (integrated SELV driver) | 220-240V | 50mA | >0.92 | Yes (mains) | 1 (ceiling only) |

| ACCESSORIES | | |
|-------------------------|--|----|
| Product code | Description | |
| H2 Pro range bezels | Round & square H2 Pro bezel options | 72 |
| DLCONVERT70 | Converter plate | 84 |
| Dimming options | Contact us on 01604 495 151 for more information | |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED ENERGY EFFICIENCY CLASSIFICATION: A++ (green), A+ (yellow-green), A (yellow), B (orange), C (red), D (dark red), E (red).

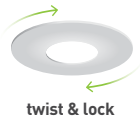
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COLLINGWOOD LIGHTING



NEW



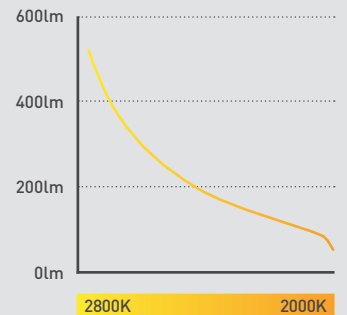
FEATURES & BENEFITS

- Dim to warm technology creates warmer environments by reducing the colour temperature during dimming
- Uses latest single source technology to replicate traditional halogen look
- 55° beam angle offers superior vertical illumination and allows for larger spacing between downlights
- Loop in / loop out push-fit connector
- Slimline twist & lock bezels (sold separately)
- Flexible driver position for easy installation

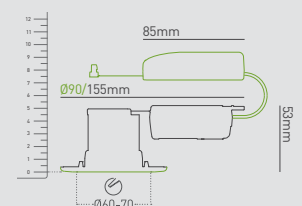


2800K

2000K



2800-2000K 55°
Additional diagrams available at collingwoodlighting.com



H2 Pro DusK

Dim to warm, fire-rated LED downlight with terminal block

- IP65** Suitable for use in bathrooms
- T** Loop in / out push-fit connector
- FLICKER FREE** Flicker-free
- G** 7 year extended warranty available
- DIM WARM** Dim from 2800K to 2000K

- 55°
- 8.2W
- 240V
- Ø60-70
- 50°C
- 1/35°C
- 270g
- 1
- 70,000h
- 3SDCM

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|------------|------------|--------------|-------|-----|------|----------|
| 2800-2000K | 55° | DLT2425528 | >80Ra | 530 | 65 | 490 |

Photometric data taken when product is at full brightness. Lumen output will be anything between 530 - 50 when dimmed.

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker Index / Flicker % | 0.0019 / 1% |
| Inrush current | 15.5A 0.2ms |
| Maximum ceiling thickness | 40mm |

WIRING

| | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | 36mA | 0.96 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| Product code | Description | |
|-------------------------|--|----|
| H2 Pro range bezels | Round & square H2 Pro bezel options | 72 |
| DLCONVERT70 | Converter plate | 84 |
| Dimming options | Contact us on 01604 495 151 for more information | |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |

This luminaire contains built-in LED lamps. **A+** **A+** **A** **C** **D** **F** LED

The lamps cannot be changed in the luminaire.

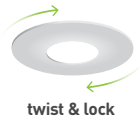
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COLLINGWOOD
LIGHTING



NEW



twist & lock

FEATURES & BENEFITS

- > Low glare downlight - UGR 14
- > 45° beam angle for wide illumination
- > 53mm product depth and hinged driver allows for flexible installation
- > Push-fit terminal connector included
- > Slimline twist & lock bezels (sold separately)
- > Dim to warm option available

H2 Pro Elect

Low glare, dimmable, fire-rated LED downlight with push-fit terminal connector

IP20 Suitable for use indoors
 T Push-fit terminal connector included
 UGR 14 Low Unified Glare Rating
 G 7-year extended warranty available
 DIM WASH Dim from 2800K to 2000K available

45°
 8.5W
 240V
 864-72
 $+50^{\circ}\text{C}$
 $+40^{\circ}\text{C}$
 DIM
 240g
 70,000h
 L70, B10
 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|-------------|------------|--------------|-----|-------|------|------|----------|
| 4000K | 45° | DLT4074540 | 8.5 | >80Ra | 640 | 75 | 1077 |
| 3000K | 45° | DLT4074530 | 8.5 | >80Ra | 600 | 71 | 1009 |
| 2800K-2000K | 45° | DLT4074528 | 8.2 | >80Ra | 350* | 43* | 541* |

*Dim to warm photometric data taken when product is at full brightness. Lumen output will be anything between 350 - 50 when dimmed.

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker index / flicker % | 0.0019 / 1% |
| Inrush current | 1.4A 0.04ms |
| Maximum ceiling thickness | 40mm |

WIRING

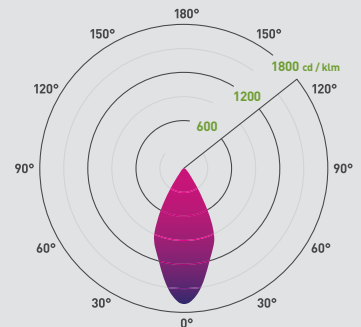
| | |
|----------------------------------|--|
| Cable / flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3-core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

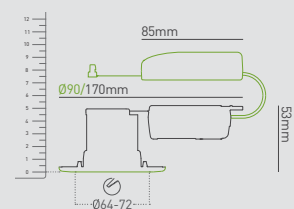
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|---------------|
| N/A (integrated SELV driver) | 220-240V | 36mA | 0.95 | Yes (mains) | - |

ACCESSORIES

| Product code | Description | |
|-------------------------|--|----|
| H2 Pro range bezels | Round & square H2 Pro bezel options | 72 |
| DLCONVERT70 | Converter plate | 84 |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |
| Dimming options | Contact us on 01604 495 151 for more information | |



4000K 45°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++

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COLLINGWOOD LIGHTING



FEATURES & BENEFITS

- › Low glare downlight - UGR 14
- › 45° beam angle for wide illumination
- › Plaster-in downlight
- › Dim to warm option available

H2 Pro Elect Trimless

Low glare, plaster-in, trimless, dimmable, fire-rated LED downlight

Suitable for use indoors
 Low Unified Glare Rating
 7-year extended warranty available
 Dim from 3000K to 1800K available

45°
 8.5W
 240V
 Ø64
 <50°C
 ±40°C
 DIM
 240g
 70,000h
 35DCM

| PHOTOMETRICS @ 25°C | | | | | | | |
|---------------------|------------|--------------|-----|-------|------|------|----------|
| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
| 4000K | 45° | DL4094540 | 8.5 | >80Ra | 700 | 82 | 1178 |
| 3000K | 45° | DL4094530 | 8.5 | >80Ra | 650 | 76 | 1094 |
| 3000K-1800K | 45° | DL4094528 | 7 | >90Ra | 380* | 54* | 588* |

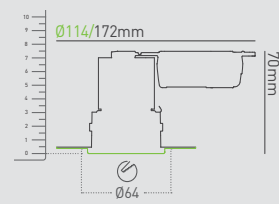
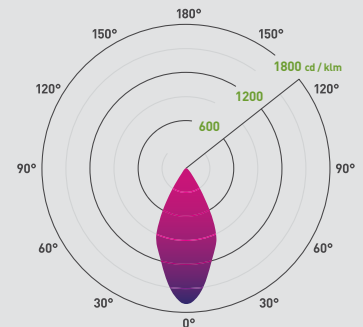
*Dim to warm photometric data taken when product is at full brightness. Lumen output will be anything between 380 - 50 when dimmed.

| GENERAL | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker index / flicker % | 0.0019 / 1% |
| Inrush current | 1.4A 0.04ms |
| Maximum ceiling thickness | 40mm |

| WIRING | |
|-------------------------|---|
| Cable / flying lead | 0.15m (Class II, complete with GST first fix connector) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

| LED DRIVERS | | | | | |
|------------------------------|---------------|---------------|--------------|-------------|---------------|
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
| N/A (integrated SELV driver) | 220-240V | 36mA | >0.95 | Yes (mains) | - |

| ACCESSORIES | | |
|-------------------------|--|----|
| Product code | Description | |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |
| Dimming options | Contact us on 01604 495 151 for more information | |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

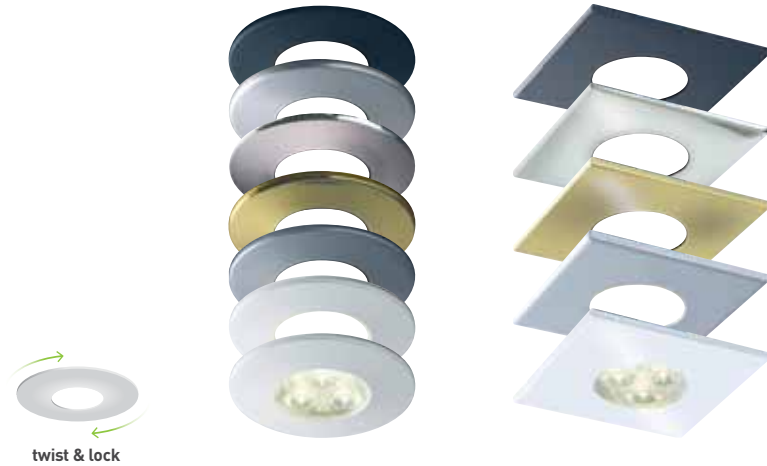
LED

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All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Twist & lock system makes interchanging bezels quick, clean and easy
- › Can be applied after decoration is complete
- › Matt white and black bezels can be painted with a wide range of paints designed for domestic ceiling use
- › Sold in multiples of two

H2 Pro bezels

Bezel options for H2 Pro range



Covered as part of the H2 Pro range warranty

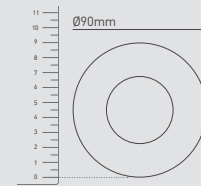
PRODUCT DATA

| Finish | Product code | Description |
|-----------------|--------------|----------------------------|
| ● Black | RB359BLK | Round matt black bezel |
| | SQB360BLK | Square matt black bezel |
| ● Brushed steel | RB359BS | Round brushed steel bezel |
| ● Chrome | RB359CR | Round chrome bezel |
| | SQB360CR | Square chrome bezel |
| ● Polished gold | RB359PG | Round polished gold bezel |
| | SQB360PG | Square polished gold bezel |
| ● Silver | RB359SIL | Round silver bezel |
| | SQB360SIL | Square silver bezel |
| ● Matt white | RB359MW | Round matt white bezel |
| | SQB360MW | Square matt white bezel |
| ● Gloss white | RB359WH | Round white bezel |

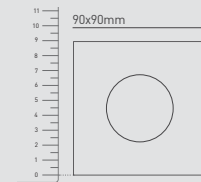
GENERAL

Construction material Plastic

Round Bezel



Square Bezel





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Only 8.5W
- › Life of LED: 70,000hrs (L70, B10)
- › Flexible driver position for easy installation

H4 FF 38°

Adjustable dimmable fire-rated LED downlight

Suitable for use in bathrooms |
 Loop in / out push-fit connector available |
 Emergency versions available |
 Flicker-free |
 7 year extended warranty available

38° |
 8.5W |
 240V |
 20° |
 858-80 |
 40°C |
 40°C |
 DIM |
 300g |
 1 |
 70,000h |
 3SDCM

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent



PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------|---------------|----------------|-------|-----|------|----------|
| 4000K | 38° | B / steel | H4FF38BSNWDIM | H4TFF38BSNWDIM | >80Ra | 580 | 68 | 1700 |
| | 38° | Chrome | H4FF38CRNWDIM | H4TFF38CRNWDIM | >80Ra | 580 | 68 | 1700 |
| | 38° | Gloss white | - | H4TFF38WHNWDIM | >80Ra | 580 | 68 | 1700 |
| | 38° | Matt white | H4FF38MWNWDIM | H4TFF38MWNWDIM | >80Ra | 580 | 68 | 1700 |
| 3000K | 38° | B / steel | H4FF38BSWWDIM | H4TFF38BSWWDIM | >80Ra | 550 | 65 | 1500 |
| | 38° | Chrome | H4FF38CRWWDIM | H4TFF38CRWWDIM | >80Ra | 550 | 65 | 1500 |
| | 38° | Gloss white | - | H4TFF38HWWWDIM | >80Ra | 550 | 65 | 1500 |
| | 38° | Matt white | H4FF38MWWWDIM | H4TFF38MWWWDIM | >80Ra | 550 | 65 | 1500 |

EMERGENCY PACK SERVICE OPTION

Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

For 3hr emergency pack service option suffix partcode with **EM**. eg. H4FF38BSNWDIM becomes H4FF38BSNWEM

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

WIRING

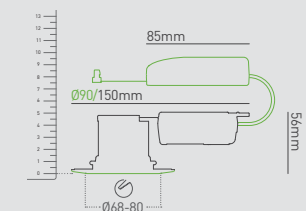
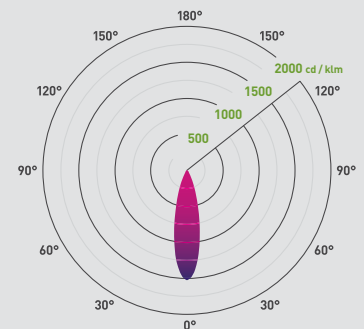
| | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| | | | | | |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
| N/A (integrated SELV driver) | 220-240V | - | >0.95 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| | | |
|-------------------------|--|----|
| Product code | Description | |
| DLCONVERT70 | Converter plate | 84 |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Only 8.5W
- > Life of LED: 70,000hrs (L70, B10)
- > Flexible driver position for easy installation



H4 FF 60°

Adjustable dimmable fire-rated LED downlight

Suitable for use in bathrooms |
 Loop in/out push-fit connector available |
 Emergency versions available |
 Flicker-free |
 7 year extended warranty available

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent ZONE L70, B10 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------|---------------|----------------|-------|-----|------|----------|
| 4000K | 60° | B / steel | H4FF60BSNWDIM | H4TFF60BSNWDIM | >80Ra | 580 | 68 | 430 |
| | 60° | Chrome | H4FF60CRNWDIM | H4TFF60CRNWDIM | >80Ra | 580 | 68 | 430 |
| | 60° | Gloss white | - | H4TFF60WHNWDIM | >80Ra | 580 | 68 | 430 |
| | 60° | Matt white | H4FF60MWNWDIM | H4TFF60MWNWDIM | >80Ra | 580 | 68 | 430 |
| 3000K | 60° | B / steel | H4FF60BSWWDIM | H4TFF60BSWWDIM | >80Ra | 550 | 65 | 380 |
| | 60° | Chrome | H4FF60CRWWDIM | H4TFF60CRWWDIM | >80Ra | 550 | 65 | 380 |
| | 60° | Gloss white | - | H4TFF60WHWWDIM | >80Ra | 550 | 65 | 380 |
| | 60° | Matt white | H4FF60MWWWDIM | H4TFF60MWWWDIM | >80Ra | 550 | 65 | 380 |

EMERGENCY PACK SERVICE OPTION

Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

For 3hr emergency pack service option suffix partcode with **EM**. eg. H4FF60BSNWDIM becomes H4FF60BSN**WEM**

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

WIRING

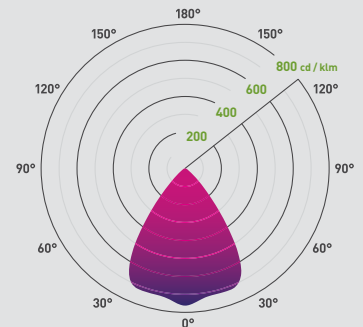
| | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| | | | | | |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
| N/A (integrated SELV driver) | 220-240V | - | >0.95 | Yes (mains) | 1 (ceiling only) |

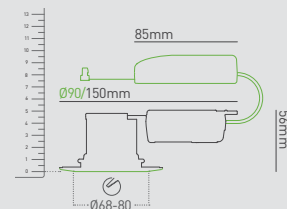
ACCESSORIES

| | | |
|-------------------------|--|----|
| Product code | Description | |
| DLCONVERT70 | Converter plate | 84 |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |



4000K 60°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

collingwood lighting

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FEATURES & BENEFITS

- › Uses latest single source technology to replicate traditional halogen look
- › Increased lumens for greater light output
- › Loop in / loop out push-fit connector
- › Low profile of only 51mm
- › Flexible driver position for easy installation



H4 Pro 700 T 38°

Adjustable, dimmable, fire-rated LED downlight with 'T' Connector

 Suitable for use in bathrooms
 Loop in / out push-fit connector available
 Emergency versions available
 Flicker-free
 7 year extended warranty available

 38°
 11W
 240V
 20°
 858-80
 60°C
 35°C
 DIM
 270g
 1
 70,000h
 3SDCM

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------|--------------|-------|-----|------|----------|
| 4000K | 38° | B / steel | DLT415BS3840 | >80Ra | 765 | 70 | 1500 |
| | 38° | Matt white | DLT415MW3840 | >80Ra | 765 | 70 | 1500 |
| | 38° | Gloss white | DLT415WH3840 | >80Ra | 765 | 70 | 1500 |
| 3000K | 38° | B / steel | DLT415BS3830 | >80Ra | 715 | 65 | 1400 |
| | 38° | Matt white | DLT415MW3830 | >80Ra | 715 | 65 | 1400 |
| | 38° | Gloss white | DLT415WH3830 | >80Ra | 715 | 65 | 1400 |
| 2700K | 38° | B / steel | DLT415BS3827 | >80Ra | 655 | 60 | 1300 |
| | 38° | Matt white | DLT415MW3827 | >80Ra | 655 | 60 | 1300 |
| | 38° | Gloss white | DLT415WH3827 | >80Ra | 655 | 60 | 1300 |

EMERGENCY PACK SERVICE OPTION

Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

For 3hr emergency pack service option suffix partcode with **EM**. eg. DLT415BS3840 becomes DLT415BS3840**EM**

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

WIRING

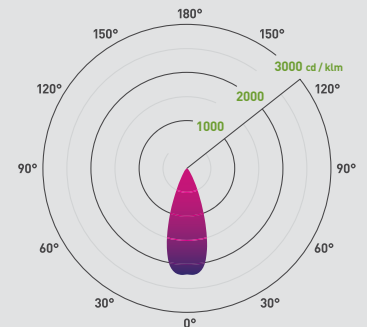
| | |
|----------------------------------|--|
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 Core Cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.92 | Yes (mains) | 1 (ceiling only) |

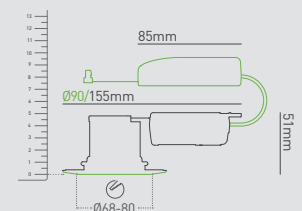
ACCESSORIES

| Product code | Description |
|--------------|-----------------|
| DLCONVERT70 | Converter plate |



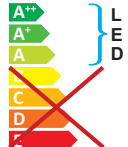
4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.



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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Uses latest single source technology to replicate traditional halogen look
- 55° beam angle option offers superior vertical illumination and allows for larger spacing between downlights
- Increased lumens for greater light output
- Loop in / loop out push-fit connector
- Low profile of only 51mm
- Flexible driver position for easy installation



H4 Pro 700 T 55°

Adjustable, dimmable, fire-rated LED downlight with 'T' Connector

- IP65*** Suitable for use in bathrooms
- T** Loop in / out push-fit connector available
- EM** Emergency versions available
- FLICKER FREE** Flicker-free
- G** 7 year extended warranty available

- 55°
- 11W
- 240V
- 20°
- 868-90
- 60°C
- ±35°C
- DIM
- 270g
- 1
- 70,000h
- 3SDCM

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent

| PHOTOMETRICS @ 25°C | | | | | | | |
|---------------------|------------|-------------|--------------|-------|-----|------|----------|
| Colour | Beam angle | Finish | Product code | CRI | lm | lm/W | lx at 1m |
| 4000K | 55° | B / steel | DLT415BS5540 | >80Ra | 765 | 70 | 670 |
| | 55° | Matt white | DLT415MW5540 | >80Ra | 765 | 70 | 670 |
| | 55° | Gloss white | DLT415WH5540 | >80Ra | 765 | 70 | 670 |
| 3000K | 55° | B / steel | DLT415BS5530 | >80Ra | 715 | 65 | 635 |
| | 55° | Matt white | DLT415MW5530 | >80Ra | 715 | 65 | 635 |
| | 55° | Gloss white | DLT415WH5530 | >80Ra | 715 | 65 | 635 |
| 2700K | 55° | B / steel | DLT415BS5527 | >80Ra | 655 | 60 | 595 |
| | 55° | Matt white | DLT415MW5527 | >80Ra | 655 | 60 | 595 |
| | 55° | Gloss white | DLT415WH5527 | >80Ra | 655 | 60 | 595 |

EMERGENCY PACK SERVICE OPTION Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

For 3hr emergency pack service option suffix partcode with **EM**. eg. DLT415BS5540 becomes DLT415BS5540**EM**

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

WIRING

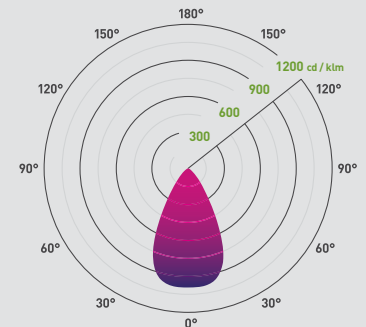
| | |
|----------------------------------|--|
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

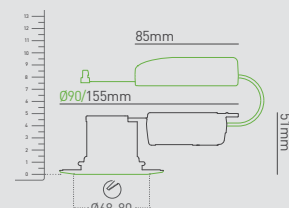
| | | | | | |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
| N/A (integrated SELV driver) | 220-240V | - | >0.92 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| | |
|--------------|-----------------|
| Product code | Description |
| DLCONVERT70 | Converter plate |



4000K 55°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

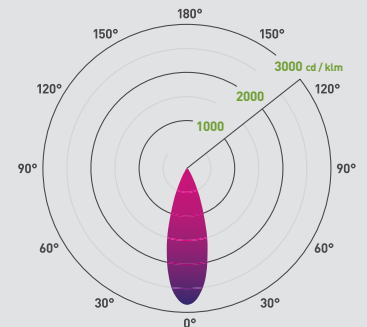
LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red)

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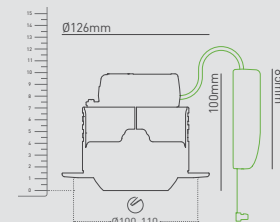


FEATURES & BENEFITS

- › Only 8.5W
- › Life of LED: 70,000hrs (L70, B10)
- › Fully adjustable 'Eyeball' fitting allows change of light direction



4000K 38°
Additional diagrams available at collingwoodlighting.com



H4 Eyeball

Adjustable fire-rated LED downlight

- IP65*** Suitable for use in bathrooms
- T** Loop in/out push-fit connector available
- EM** Emergency versions available
- FLICKER FREE** Flicker-free
- G** 7 year extended warranty available

- 38°
 - 8.5W
 - 240V
 - 20°
 - 360°
 - IP100-110
 - 40°C
 - 40°C
 - DIM
 - 660g
 - 1
 - 70,000h
 - 35DCM
- * IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam | Finish | Product code | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------|-------------|--------------|---------------|-------|-----|------|----------|
| 4000K | 38° | B / steel | DL185BSNWDIM | DLT185BSNWDIM | >80Ra | 565 | 66 | 1700 |
| | 38° | Chrome | DL185CRNWDIM | DLT185CRNWDIM | >80Ra | 565 | 66 | 1700 |
| | 38° | Gloss white | DL185WHNWDIM | DLT185WHNWDIM | >80Ra | 565 | 66 | 1700 |
| 3000K | 38° | B / steel | DL185BSWWDIM | DLT185BSWWDIM | >80Ra | 530 | 62 | 1500 |
| | 38° | Chrome | DL185CRWWDIM | DLT185CRWWDIM | >80Ra | 530 | 62 | 1500 |
| | 38° | Gloss white | DL185WHWWDIM | DLT185WHWWDIM | >80Ra | 530 | 62 | 1500 |

EMERGENCY PACK SERVICE OPTION Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

For 3hr emergency pack service option suffix partcode with **EM**. eg. DL185BSNWDIM becomes DL185BSNWEM

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

WIRING

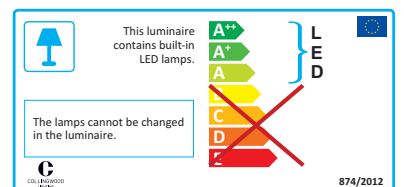
| | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.95 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| Product code | Description | |
|-----------------|--|----|
| DLCONVERT98 | Converter plate | 84 |
| Dimming options | Contact us on 01604 495 151 for more information | |





COLLINGWOOD
LIGHTING



NEW

FEATURES & BENEFITS

- > 100lm/W+
- > Only 5.5W
- > Mains dimmable as standard
- > Plaster-in downlight
- > Recessed fitting for lower glare rating
- > Flexible driver position for easy installation

H5 Trimless

Plaster-in, trimless, dimmable, fire-rated LED downlight

IP65 Suitable for use in bathrooms |
 EM Emergency versions available |
 FLICKER FREE Flicker-free |
 100lm/W+ High efficacy |
 G 7-year extended warranty available

38° | 5.5W | 240V | 864 | 40°C | 40°C | DIM | 240g | 1 | 70,000h | 3SDCM

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent | ZONE L70, B10

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 38° | DL282WHNWDIM | >80Ra | 580 | 105 | 1241 |
| 3000K | 38° | DL282WHWWDIM | >80Ra | 550 | 100 | 1177 |

EMERGENCY PACK SERVICE OPTION

Approx 25% light output compared to normal running

For 3hr emergency pack service option suffix partcode with **EM**. eg. DL282WHNWDIM becomes DL282WHNWEM

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / plastic |
| Flicker index / flicker % | 0.0082 / 1.15% |
| Inrush current | 0.45A 0.07ms |
| Maximum ceiling thickness | 40mm |

WIRING

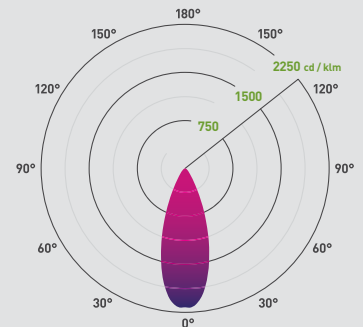
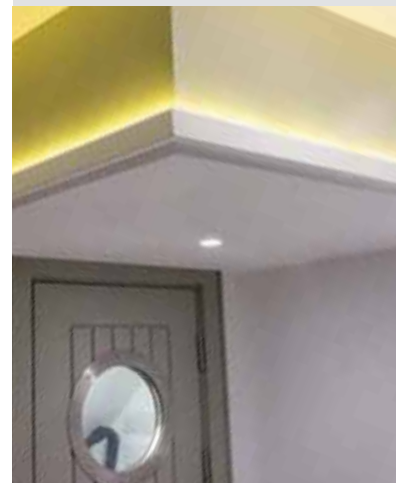
| | |
|-------------------------|---|
| Cable / flying lead | 0.15m (Class II, complete with GST first fix connector) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.88 | Yes (mains) | 1 (ceiling only) |

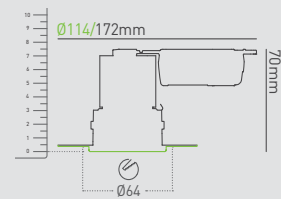
ACCESSORIES

| Product code | Description |
|-----------------|--|
| Dimming options | Contact us on 01604 495 151 for more information |



4000K 38°

Additional diagrams available at collingwoodlighting.com



All specifications are believed to be valid at the time of going to press and are subject to change without notice. Allow for ±5% tolerance on all photometric data.

This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

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FEATURES & BENEFITS





- › Low glare
- › Only 8.5W
- › Life of LED: 70,000hrs (L70, B10)
- › Flexible driver position for easy installation



H5 500 Symmetric

Low glare fire-rated LED downlight

 Suitable for use in bathrooms
 Loop in / out push-fit connector available
 Emergency versions available
 Flicker-free
 7-year extended warranty available

 40°
 8.5W
 240V
 Ø95-115
 40°C
 1/40°C
 DIM
 480g
 1
 70,000h
 35DCM

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------|--------------|---------------|-------|-----|------|----------|
| 4000K | 40° | B / steel | DL284BSNWDIM | DLT284BSNWDIM | >80Ra | 565 | 66 | 1600 |
| | 40° | Gloss white | DL284WHNWDIM | DLT284WHNWDIM | >80Ra | 565 | 66 | 1600 |
| 3000K | 40° | B / steel | DL284BSWWDIM | DLT284BSWWDIM | >80Ra | 530 | 62 | 1300 |
| | 40° | Gloss white | DL284WHWWDIM | DLT284WHWWDIM | >80Ra | 530 | 62 | 1300 |

EMERGENCY PACK SERVICE OPTION

Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

For 3hr emergency pack service option suffix partcode with **EM**. eg. DL284BSNWDIM becomes DL284BSNWEM

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

WIRING

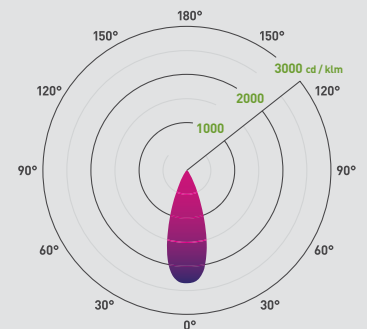
| | |
|----------------------------------|--|
| Cable / flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3-core Cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.95 | Yes (mains) | 1 (ceiling only) |

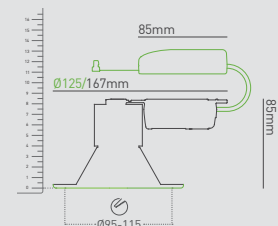
ACCESSORIES


| Product code | Description | |
|-------------------------|--|----|
| DLCONVERT98 | Converter plate | 84 |
| Dimming options | Contact us on 01604 495 151 for more information | |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |




4000K 38°


Additional diagrams available at collingwoodlighting.com



 This luminaire contains built-in LED lamps.



The lamps cannot be changed in the luminaire.



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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Low glare
- › Only 8.5W
- › 20° fixed tilt
- › Life of LED: 70,000hrs (L70, B10)
- › Flexible driver position for easy installation



H5 500 Asymmetric

Low glare fire-rated LED downlight

Suitable for use in bathrooms
 Loop in/out push-fit connector available
 Emergency versions available
 Flicker-free
 7 year extended warranty available

* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent ZONE L70, B10 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------|---------------|----------------|-------|-----|------|----------|
| 4000K | 40° | B / steel | DL283BSNWDIM | DLT283BSNWDIM | >80Ra | 565 | 66 | 1300 |
| | 40° | Chrome | DL283CRNWDIM* | DLT283CRNWDIM* | >80Ra | 565 | 66 | 1300 |
| | 40° | Gloss white | DL283WHNWDIM | DLT283WHNWDIM | >80Ra | 565 | 66 | 1300 |
| 3000K | 40° | B / steel | DL283BSWWDIM | DLT283BSWWDIM | >80Ra | 530 | 62 | 1220 |
| | 40° | Chrome | DL283CRWWDIM* | DLT283CRWWDIM* | >80Ra | 530 | 62 | 1220 |
| | 40° | Gloss white | DL283WHWWDIM | DLT283WHWWDIM | >80Ra | 530 | 62 | 1220 |

* White stocks last

EMERGENCY PACK SERVICE OPTION

Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

For 3hr emergency pack service option suffix partcode with **EM**. eg. DL283BSNWDIM becomes DL283BSN**WEM**

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 15A 0.5ms |
| Maximum ceiling thickness | 40mm |

WIRING

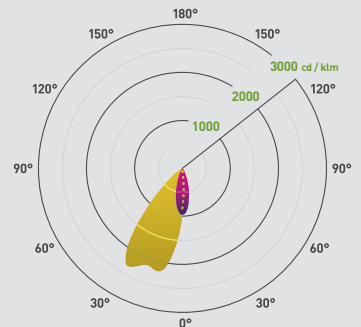
| | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 Core Cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

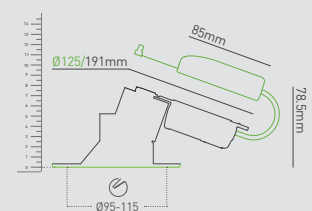
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.95 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| Product code | Description | |
|-------------------------|--|----|
| DLCONVERT98 | Converter plate | 84 |
| Dimming options | Contact us on 01604 495 151 for more information | |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED), A+, A, B, C, D, E (incandescent).

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FEATURES & BENEFITS

- › Low glare
- › Only 16W
- › Life of LED: 70,000hrs (L70, B10)
- › Flexible driver position for easy installation
- › Brighter than a 75W AR111 halogen and 50W halogen. Ideal for high ceilings
- › Wide beam for even illumination. Allows for greater spacing between luminaires

H5 1000 Symmetric

Low glare fire-rated LED downlight



Suitable for use in bathrooms







Loop in/out push-fit connector available









Flicker-free



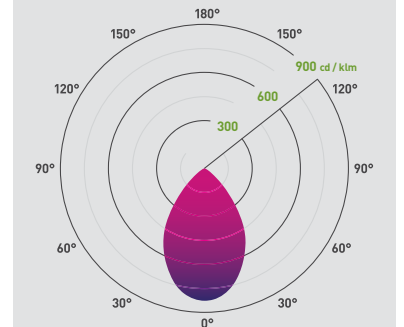
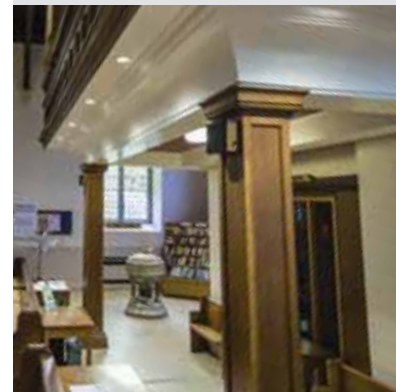
7 year extended warranty available

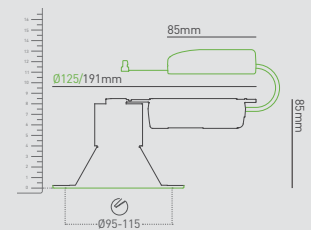







* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent

ZONE L70, B10



4000K 80°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+

A*

A

C

D

E

LED

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| PHOTOMETRICS @ 25°C | | | | | | | | |
|---------------------|------------|-------------|--------------|--------------|-------|-----|------|----------|
| Colour | Beam angle | Finish | Product code | Product code | CRI | lm | lm/W | lx at 1m |
| 4000K | 80° | B / steel | DL292BSNW | DLT292BSNW | >80Ra | 980 | 61 | 1030 |
| | 80° | Gloss white | DL292WHNW | DLT292WHNW | >80Ra | 980 | 61 | 1030 |
| 3000K | 80° | B / steel | DL292BSWW | DLT292BSWW | >80Ra | 960 | 60 | 970 |
| | 80° | Gloss white | DL292WHWW | DLT292WHWW | >80Ra | 960 | 60 | 970 |

| GENERAL | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 20A 0.05ms |
| Maximum ceiling thickness | 40mm |

| WIRING | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

| LED DRIVERS | | | | | |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
| N/A (integrated SELV driver) | 220-240V | - | >0.95 | Yes (mains) | 1 (ceiling only) |

| ACCESSORIES | | |
|-------------------------|--|----|
| Product code | Description | |
| DLCONVERT98 | Converter plate | 84 |
| Dimming options | Contact us on 01604 495 151 for more information | |
| LEDEP360 | 3hr emergency pack (not compatible with 'T' version) | 90 |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Low glare
- > Only 16W
- > 20° fixed tilt
- > Life of LED: 70,000hrs (L70, B10)
- > Flexible driver position for easy installation
- > Brighter than a 75W AR111 halogen and 50W halogen. Ideal for high ceilings
- > Wide beam for even illumination. Allows for greater spacing between luminaires

H5 1000 Asymmetric

Low glare fire-rated LED downlight



Suitable for use in bathrooms



Loop in/out push-fit connector available



Flicker-free



7 year extended warranty available



* IP65 (front) / IP20 (back) | * Ceiling only | Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------|--------------|--------------|-------|-----|------|----------|
| 4000K | 80° | B / Steel | DL291BSNW | DLT291BSNW | >80Ra | 980 | 61 | 870 |
| | 80° | Gloss white | DL291WHNW | DLT291WHNW | >80Ra | 980 | 61 | 870 |
| 3000K | 80° | B / Steel | DL291BSWW | DLT291BSWW | >80Ra | 960 | 60 | 800 |
| | 80° | Gloss white | DL291WHWW | DLT291WHWW | >80Ra | 960 | 60 | 800 |

GENERAL

| | |
|---------------------------|---|
| Building regulations | Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Mild steel / aluminium |
| Flicker Index / Flicker % | 0.0024 / 0.33% |
| Inrush current | 20A 0.05ms |
| Maximum ceiling thickness | 40mm |

WIRING

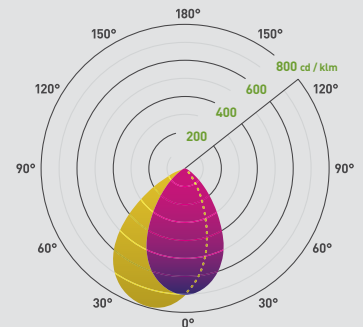
| | |
|----------------------------------|--|
| Cable/flying lead | 0.15m (Class II) |
| Cable required for 'T' Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm ²) or 3 core cable (R02V 3x1.5mm ²) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

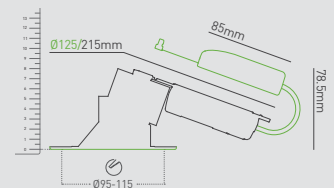
| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.95 | Yes (mains) | 1 (ceiling only) |

ACCESSORIES

| Product code | Description | |
|-------------------------|--|----|
| DLCONVERT98 | Converter plate | 84 |
| Dimming options | Contact us on 01604 495 151 for more information | |
| LEDEP360 | 3hr emergency pack (not compatible with 'T' version) | 90 |
| 14800121 (SPOTCLIP-III) | Insulation cover cap for recessed downlights | 85 |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › High efficacy, 100lm/W+ (4000K)
- › Wide 100° beam angle for broad consistent illumination
- › Suitable for bathroom zone 2
- › Mains dimmable
- › Replaces 2 x 26W CFL fittings
- › High powered, equivalent to 100W AR111

H6 Lite

Dimmable commercial LED downlight

- IP44 Splashproof
- 100lm/W+ High efficacy
- 5-year extended warranty available

- 100°
- 31W
- 240V
- 2001-205
- 40°C
- ±40°C
- 850g
- 2 ZONE
- 50,000h
- 35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Finish | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|------------|--------------|-------|------|------|----------|
| 4000K | 100° | Matt white | DL800MW10040 | >80Ra | 3350 | 108 | 1390 |
| 3000K | 100° | Matt white | DL800MW10030 | >80Ra | 3010 | 97 | 1249 |

GENERAL

| | |
|---------------------------|--|
| Building regulations | Part P (electrical safety) & L (conservation of energy - 2014 regulations) |
| Construction material | Aluminium |
| Flicker index / flicker % | 0.0726 / 24.76% |
| Inrush current | 6.2A 0.05ms |
| Maximum ceiling thickness | 15mm (max) |

WIRING

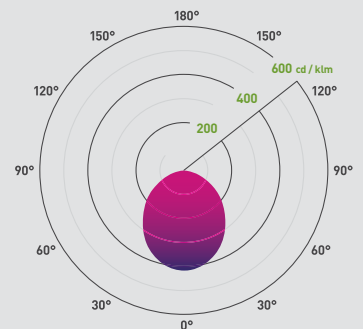
| | |
|-------------------------|--------------------------------------|
| Cable / flying lead | N/A (integrated SELV driver) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|-------------|------------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.91 | Yes (mains) | 2 (ceiling only) |

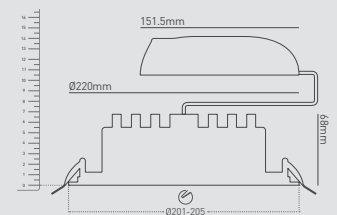
ACCESSORIES

| Product code | Description |
|--------------|---|
| - | There are currently no accessories associated with this product |



4000K 100°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency scale: A+, A, A, C, D, E. LED is indicated.

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All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.



COLLINGWOOD
LIGHTING

DL/CONVERT | DLCONVERT70
H2 Pro / H4 sold separately



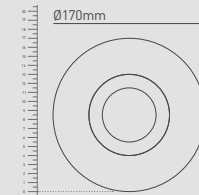
DLCONVERT98
H5 550 / H5 1000 / H4 Eyeball sold separately



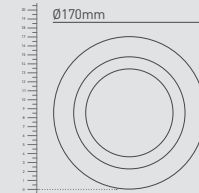
FEATURES & BENEFITS

- Supplied with additional springs for holes up to 150mm

DL/CONVERT | DLCONVERT70



DLCONVERT98



DLCONVERT
Hole converter plates for the downlight range

1 yr 1 year guarantee

NOTE: Downlight fire and IP-ratings will not apply if used in conjunction with DLCONVERT range

| PRODUCT DATA | | | |
|---------------|---------------|---|--------------|
| Finish | Product code | Description | Cut-out (mm) |
| Black | DL/CONVERTBLK | Retrofit of H2 Pro 550 into holes up to Ø150mm | 60 - 150 |
| Brushed steel | DLCONVERT70BS | Retrofit of H2 Pro / H4 FF / H4 Pro / H2 Lite into holes up to Ø150mm | 70 - 150 |
| | DLCONVERT98BS | Retrofit of H4 Eyeball / H5 500 / H5 1000 into holes up to Ø150mm | 98 - 150 |
| Chrome | DL/CONVERTCR | Retrofit of H2 Pro 550 into holes up to Ø150mm | 60 - 150 |
| | DLCONVERT70CR | Retrofit of H2 Pro / H4 FF / H4 Pro into holes up to Ø150mm | 70 - 150 |
| | DLCONVERT98CR | Retrofit of H4 Eyeball / H5 500 / H5 1000 into holes up to Ø150mm | 98 - 150 |
| Polished gold | DLCONVERT70PG | Retrofit of H2 Pro into holes up to Ø150mm | 60 - 150 |
| Silver | DL/CONVERTSIL | Retrofit of H2 Pro into holes up to Ø150mm | 60 - 150 |
| Gloss white | DLCONVERT70WH | Retrofit of H2 Pro / H4 FF / H4 Pro into holes up to Ø150mm | 70 - 150 |
| | DLCONVERT98WH | Retrofit of H4 Eyeball / H5 500 / H5 1000 into holes up to Ø150mm | 98 - 150 |
| Matt white | DLCONVERT70MW | Retrofit of H2 Pro / H4 FF / H4 Pro / H2 Lite into holes up to Ø150mm | 70 -150 |

| GENERAL | |
|-----------------------|------------|
| Construction material | Mild steel |



COLLINGWOOD
LIGHTING



SPOTCLIP-III

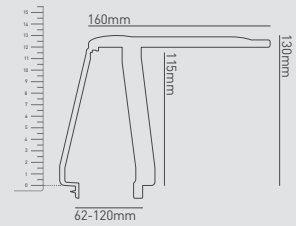
Insulation cover cap for recessed downlights

1 yr 1 year guarantee



FEATURES & BENEFITS

- > Ensures safety distance between the downlight and insulation material
- > Improves life span and reliability of downlights
- > Sold in packs of 5



GENERAL

| | |
|-----------------------|---|
| Product code | 14800121 |
| Construction material | Polyamide 6.6, heat stabilised (PA66HS) |

USE IN CONJUNCTION WITH

| Product | Description | |
|-----------------------|---|----|
| H2 Pro 550 | Dimmable, fire-rated LED downlight | 65 |
| H2 Pro 550 SPS | Single point source, dimmable, fire-rated LED downlight | 66 |
| H2 Pro 550 CS | Colour switchable, dimmable, fire-rated LED downlight | 67 |
| H2 Pro 700 | Dimmable, fire-rated LED downlight | 68 |
| H2 Pro Dusk | Dim to warm, fire-rated LED downlight with push-fit terminal connector | 69 |
| H2 Pro Elect | Low glare, dimmable, fire-rated LED downlight with push-fit terminal connector | 70 |
| H2 Pro Elect Trimless | Low glare, plaster-in, trimless, dimmable, fire-rated LED downlight | 71 |
| H4 FF | Adjustable, dimmable fire-rated LED downlight | 73 |
| H4 Pro 700 | Adjustable, dimmable, fire-rated LED downlight with push-fit terminal connector | 75 |
| H4 Eyeball | Adjustable, fire-rated LED downlight | 77 |
| H5 Trimless | Plaster-in, trimless, dimmable, fire-rated LED downlight | 78 |
| H5 500 Symmetric | Low glare, fire-rated LED downlight | 79 |
| H5 500 Asymmetric | Low glare, fire-rated LED downlight | 80 |
| H5 1000 Symmetric | Low glare, fire-rated LED downlight | 81 |
| H5 1000 Asymmetric | Low glare, fire-rated LED downlight | 82 |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Provides minimum of 3 hours of emergency lighting
- › Green light indicates charging of batteries

LEDEP06
LED emergency pack for maintained lighting assembly - 3hr minimum emergency lighting

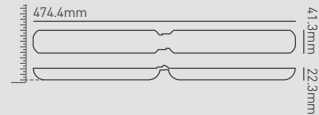
IP20 Suitable for use indoors

3yr 3-year guarantee on LED driver
1yr 1-year guarantee on battery

LEDEP06 folded



LEDEP06 unfolded



ELECTRICAL CHARACTERISTICS

| Product code | W | Input (mA) | Input (V) | Output (mA) | Output (V) |
|--------------|---|------------|--------------------|-------------|------------|
| LEDEP06* | 3 | 40 maximum | 220V-2240V 50-60Hz | 4 - 470 | 6 - 55 |

* If used in conjunction with the H4 FF or H5 Trimless, the LEDEP06 must be purchased as part of Collingwood's pre-assembled emergency pack service, see relevant product page

GENERAL

| | |
|----------------------------|-------------|
| Double insulation | Yes |
| Case temperature (tc = °C) | 70 |
| Inrush current | 20A 0.012ms |

WIRING

| | |
|----------------------|--------------------------|
| Connection output | Terminals |
| Input cable required | 0.2 - 1.5mm ² |

EMERGENCY PACK SERVICE OPTION Approx. 25% light output compared to normal running

For full product codes of pre-wired emergency pack service option see relevant specification sheet

| Product | Description | |
|-----------------------|---|----|
| H2 Pro 550 SPS | Single point source, dimmable, fire-rated LED downlight | 66 |
| H2 Pro 550 CS | Colour switchable, dimmable, fire-rated LED downlight | 67 |
| H2 Pro 700 | Dimmable, fire-rated LED downlight | 68 |
| H2 Pro Dusk | Dim to warm, fire-rated LED downlight with push-fit terminal connector | 69 |
| H2 Pro Elect | Low glare, dimmable, fire-rated LED downlight with push-fit terminal connector | 70 |
| H2 Pro Elect Trimless | Low glare, plaster-in, trimless, dimmable, fire-rated LED downlight | 71 |
| H4 FF | Adjustable, dimmable fire-rated LED downlight | 73 |
| H4 Pro 700 | Adjustable, dimmable, fire-rated LED downlight with push-fit terminal connector | 75 |
| H4 Eyeball | Adjustable, fire-rated LED downlight | 77 |
| H5 Trimless | Plaster-in, trimless, dimmable, fire-rated LED downlight | 78 |
| H5 500 Symmetric | Low glare, fire-rated LED downlight | 79 |
| H5 500 Asymmetric | Low glare, fire-rated LED downlight | 80 |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++
A+
A
B
C
D
E

LED

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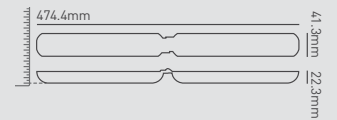
FEATURES & BENEFITS

- › Provides minimum of 3 hours of emergency lighting
- › Green light indicates charging of batteries

LEDEP07 folded



LEDEP07 unfolded



LEDEP07

LED emergency pack for maintained lighting assembly - 3hr minimum emergency lighting

IP20 Suitable for use indoors

3yr 3-year guarantee on LED driver

1yr 1-year guarantee on battery

55°C SELV 420g

ELECTRICAL CHARACTERISTICS

| Product code | W | Input (mA) | Input (V) | Output (mA) | Output (V) |
|--------------|---|------------|--------------------|-------------|------------|
| LEDEP07* | 3 | 40 maximum | 220V-2240V 50-60Hz | 8 - 60 | 50 - 200 |

* If used in conjunction with the H2 Pro 550, the LEDEP07 must be purchased as part of Collingwood's pre-assembled emergency pack service, see relevant product page

GENERAL

| | |
|----------------------------|-------------|
| Double insulation | Yes |
| Case temperature (tc = °C) | 70 |
| Inrush current | 20A 0.012ms |

WIRING

| | |
|----------------------|--------------------------|
| Connection output | Terminals |
| Input cable required | 0.2 - 1.5mm ² |

EMERGENCY PACK SERVICE OPTION Approx. 25% light output compared to normal running

For full product codes of pre-wired emergency pack service option see relevant specification sheet

| Product | Description | |
|------------|------------------------------------|----|
| H2 Pro 550 | Dimmable, fire-rated LED downlight | 65 |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

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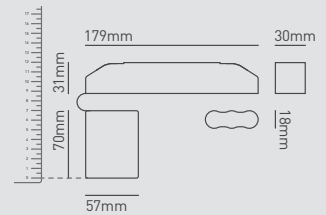


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Emergency mode powers H2 Pro 700 / H4 Pro / H4 FF / H4 EYEBALL & H5 500. Approx. 25% light output compared to normal running
- › Assemble with above downlights for maintained emergency lighting operation
- › Provides minimum of 3 hours of emergency lighting
- › Green indicator light indicates charging of batteries



LEDEP05

LED emergency pack for maintained lighting assembly - 3hr minimum emergency lighting

IP20

Suitable for use indoors

5yr 1yr

5 year guarantee on LED driver
1 year guarantee on battery

50°C

SELV

100g

ELECTRICAL CHARACTERISTICS

| Product code | W | Input (mA) | Input (V) | Output (mA) | Output (V) |
|--------------|---|------------|--------------------|-------------|------------|
| LEDEP05 | - | 70 | 220V-2240V 50-60Hz | 175 minimum | 6-12 |

LEDEP05BAT - replacement battery

GENERAL

| | |
|----------------------------|--|
| Double insulation | Yes |
| Case temperature (tc = °C) | 70 |
| Protection | Mains surge, short circuit, overload & overheating |
| Inrush current | 5A 0.3ms |

WIRING

| | |
|-----------------------|-----------------------------------|
| Connection output | Flying lead |
| Input cable required | 0.5 - 1.5mm ² , 3 core |
| Output cable required | 0.240mm ² (supplied) |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++ A+ A B C D E

LED

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FEATURES & BENEFITS

- › Light distribution ideally designed for corridors
- › Integral driver with 3hr emergency battery pack
- › Single LED module

LEDEM01

LED emergency module

- IP20** Suitable for use indoors
- 5 yr** 5 year guarantee on LED driver
- 1 yr** 1 year guarantee on battery

- 50°/118°
- 2W
- 844-80
- 30°C
- 1/40°C
- SELV
- 800g
- 70,000h

L70, B10

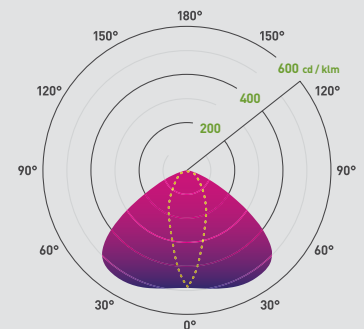
PHOTOMETRICS @ 25°C

| Colour | Finish | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|--------|--------------|---|-------|-----|------|----------|
| 6500K | White | LEDEM01 | 2 | >80Ra | 120 | 60 | 60 |

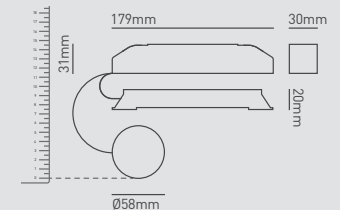
| Mounting height (m) | A | B | C | D | E |
|---------------------|------|------|------|------|------|
| 2.00 | 1.62 | 4.50 | 3.93 | 2.27 | 0.93 |
| 2.50 | 1.88 | 4.58 | 4.05 | 2.55 | 1.01 |
| 3.00 | 2.18 | 4.86 | 4.52 | 2.67 | 1.03 |
| 3.50 | 2.36 | 5.47 | 5.04 | 2.83 | 1.00 |
| 4.00 | 2.70 | 6.03 | 5.57 | 2.91 | 1.07 |

- A** Distance from LED unit to wall- unit mounted transversely.
- B** Distance between LED units - both units mounted transversely.
- C** Distance between LED units - one mounted transversely, the other mounted axially.
- D** Distance between LED units - both units mounted axially.
- E** Distance from LED unit to wall - unit mounted axially.

NOTE: All distances in the chart are the maximum allowable.



Transverse / Axial
Additional diagrams available at collingwoodlighting.com



GENERAL

| | |
|--------------------------------|-----------|
| Building regulations | Part P |
| Construction material | Aluminium |
| Inrush current | 17A 0.1ms |
| Maximum ceiling thickness (mm) | 18mm |

WIRING

| | |
|-------------------------|--------------------------------------|
| Input cable required | 0.5 - 1.5mm ² , 3 core |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

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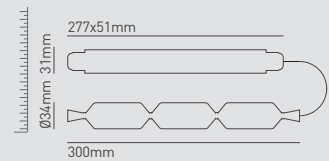


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Emergency mode powers the H5 1000 range at 160mA. Approx. 25% light output compared to normal running
- › Assemble with above downlights for maintained emergency lighting operation
- › Provides minimum of 3 hours of emergency lighting
- › Battery: 3 Cell NiCd, 3.6V x 4Ah
- › Green indicator light indicates charging of batteries



LEDEP360

LED emergency pack for maintained lighting assembly - 3hr minimum emergency lighting



Suitable for use indoors



5 year guarantee on LED driver
1 year guarantee on battery



ELECTRICAL CHARACTERISTICS

| Product code | W | Input (mA) | Input (V) | Output (mA) | Output (V) |
|--------------|---|------------|--------------------|-------------|------------|
| LEDEP360 | - | 20 | 220V-2240V 50-60Hz | 160 | 6-60 |

LEDEP360BAT - replacement battery

GENERAL

| | |
|--------------------------------|--|
| Case temperature (tc = °C) | 70 |
| Protection | Mains surge, short circuit, overload & overheating |
| Maximum ceiling thickness (mm) | TBC |

WIRING

| | |
|-----------------------|---|
| Input cable required | 4x 1.0mm ² |
| Output cable required | Multiple (refer to installation instructions) |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Ideal for high exposed ceilings
- › IP mains connector included
- › Ceiling fitting kit included
- › Matt silver, sand blasted & anodised finish ensuring longevity
- › Low glare

DL201

Large, straight to mains, surface-mount LED downlight

- IP65** Suitable for use outdoors
- 7 year extended warranty** available

- 18|38°
- 22W
- 240V
- 40°C
- 40°C
- 4.3kg
- 70,000h
- L70, B10
- 3SDCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 38° | DL201FNW | >80Ra | 1500 | 68 | 3786 |
| | 18° | DL201SNW* | >80Ra | 1500 | 68 | 11695 |
| 3000K | 38° | DL201FWW | >80Ra | 1350 | 61 | 3315 |
| | 18° | DL201SFW* | >80Ra | 1350 | 61 | 9154 |

* Spot version to order only, 90 day lead time

GENERAL

| | |
|-----------------------|--|
| Building regulations | Part P (electrical safety) and L (conservation of energy - 2014 regulations) |
| Construction material | Anodised aluminium |
| Inrush current | 5A 0.05ms |

WIRING

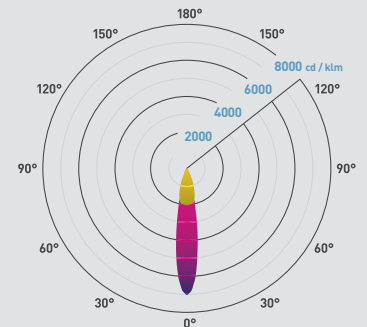
| | |
|-------------------------|---|
| Cable/flying lead | Supplied with 2pc male / female IP65 connector, outside diameter: 5-9mm |
| Type of wiring required | Parallel (mains) 220-240V AC, 50/60Hz |

LED DRIVERS

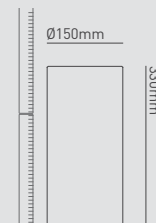
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|--------------|---|
| - | There are currently no accessories associated with this product |



4000K 18° / 4000K 38°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+ A A C D E

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Equivalent to 35W Halogen
- › Ceiling fitting kit included
- › Fit between 3-10 products per 500W mains dimmer



DL SURFACE

Surface-mount, dimmable LED downlight



Splashproof



7 year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-----------------|-------|-----|------|----------|
| 4000K | 38° | DL SURFACE F NW | >70Ra | 455 | 57 | 657 |
| 3000K | 38° | DL SURFACE F WW | >80Ra | 340 | 43 | 491 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 15A 0.5ms |

WIRING

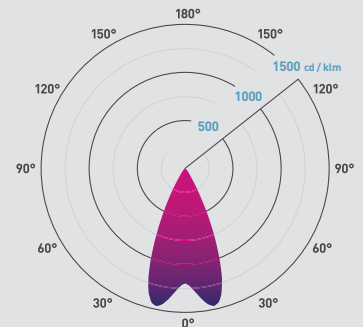
| | |
|-------------------------|--------------------------------------|
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |
|-------------------------|--------------------------------------|

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|-------------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | Yes (mains) | 2 | - | - |

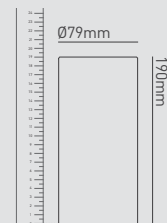
ACCESSORIES

| Product code | Description |
|-----------------|--|
| Dimming options | Contact us on 01604 495 151 for more information |



4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++ (Best), A+, A, B, C, D, E (Worst).

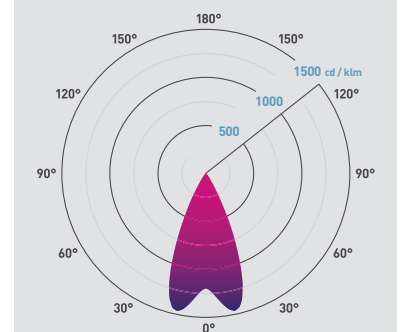
874/2012



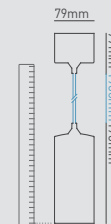


FEATURES & BENEFITS

- › Ceiling fitting kit included
- › Equivalent to 35W halogen
- › Fit between 3-10 units per dimmer
- › Cable length can be adjusted

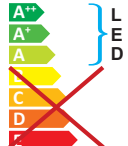


4000K 38°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.



LED

874/2012

DL PENDANT

Dimmable, pendant LED downlight

- IP20** Suitable for use indoors
- 7 year extended warranty** available

- 38°
 - 8W
 - 240V
 - 40°C
 - 40°C
 - 1kg
 - 70,000h
 - L70, B10
 - 35DCM
- Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-----------------|-------|-----|------|----------|
| 4000K | 38° | DL PENDANT F NW | >70Ra | 455 | 57 | 657 |
| 3000K | 38° | DL PENDANT F WW | >80Ra | 340 | 43 | 491 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 15A 0.5ms |

WIRING

| | |
|-------------------------|---------------------------------------|
| Type of wiring required | Parallel (mains) 220-240V AC, 50/60Hz |
|-------------------------|---------------------------------------|

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|-------------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | Yes (mains) | - | - | - |

ACCESSORIES

| Product code | Description |
|--------------|---|
| DL DROP ROD | 1m anodised aluminium drop rod for added rigidity |

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Anodised aluminium drop rod for added rigidity
- > Can be cut to required length (cutting of rod will render this product non-returnable)

DL DROP ROD

1m rod for use with DL PENDANT

1 yr 1 year guarantee



PRODUCT DATA

Product code DL DROP ROD

GENERAL

Construction material Anodised aluminium

WIRING

Cable 1m (integral to rod)

Series / Parallel -

USE IN CONJUNCTION WITH

DL PENDANT

93





COLLINGWOOD LIGHTING

DL120



DL130



FEATURES & BENEFITS

- › Quality machined aluminium finish
- › Small and discreet
- › Adjustable angle to direct light

DL120 | DL130

Mini adjustable LED spot light

IP20 Suitable for use indoors | 1 yr 1 year guarantee

15° | 1W | 20° | 40°C | 35°C | 40g | 044 | 053 | 70,606

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|-------|--------------|-------|----|------|----------|
| 4000K | 15° | DL120 NW | >70Ra | 82 | 82 | 703 |
| | 15° | DL130 NW | >70Ra | 82 | 82 | 703 |
| 3000K | 15° | DL120 WW | >80Ra | 69 | 69 | 591 |
| | 15° | DL130 WW | >80Ra | 69 | 69 | 591 |

GENERAL

Construction material: Aluminium

WIRING

Cable / flying lead: 300mm (0.205mm² red & black PTFE)

Type of wiring required: Series (Plug & Play)

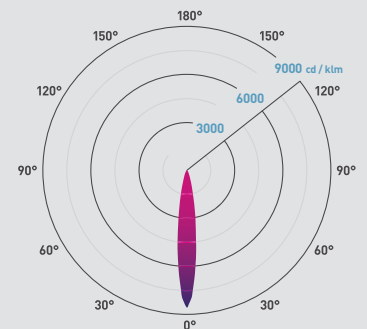
NB: Removal of plugs will render this product non-returnable

LED DRIVERS

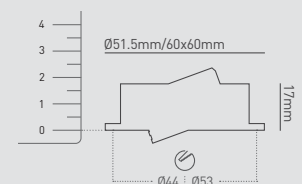
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|------|-------------|---------------|-----|-----|
| PLU/PP/350 1-9 (Plug & Play) | 350 | Yes | No | - | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | - | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | - | 1 | 10 |

ACCESSORIES

| Product code | Description | |
|--------------------|--|-----|
| LED LYTE 1M EXT | 1m Plug & Play extension lead | 215 |
| LED LYTE 6 WAY EXT | 6 way 1m Plug & Play extension lead | 215 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 15° Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

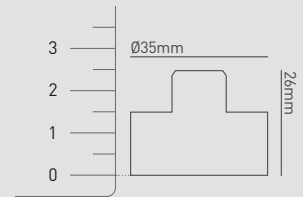
Energy efficiency class: A+ (LED)

874/2012



FEATURES & BENEFITS

- › Easy to install compared to halogen
- › Runs cool - no need for a fan



FIBRE LED LIGHT

Fibre optic LED light injector

 Suitable for use indoors
  7 year extended warranty available
  Also available in RGBW See page 258








Patent information: collingwoodlighting.com/patent **L70, B10** **3SDCM**

PHOTOMETRICS @ 25°C

| Colour | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------------------|-------|----|------|----------|
| 4000K | FIBRE LED LIGHT NW | >80Ra | - | - | - |

GENERAL

Construction material Aluminium

WIRING

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

LED DRIVERS



Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 2 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |



For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

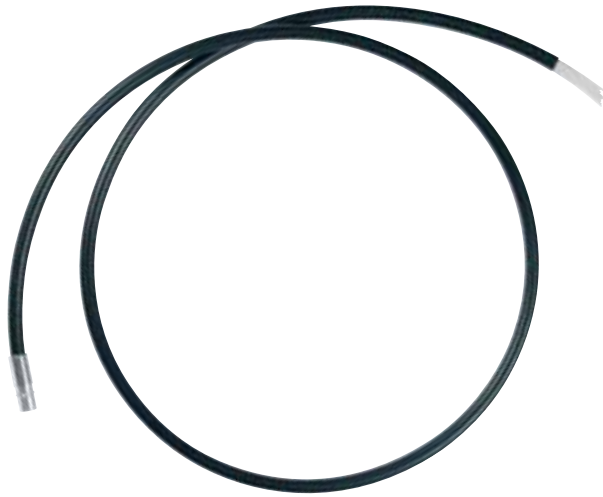
| Product code | Description | |
|----------------|----------------------------|-----|
| FIBRE LED 1/30 | Fibre optic strands | 97 |
| FIBRE LED 2/30 | Fibre optic strands | 97 |
| UY2 CONNECTOR | Quick waterproof connector | 280 |

 This luminaire contains built-in LED lamps.
 

The lamps cannot be changed in the luminaire.

874/2012



FEATURES & BENEFITS

- > 1m (1/30) 2m (2/30) length of fibre optic
- > 30 strands x 1mm fibres
- > Plug & Play with FIBRE LED LIGHT

7.5mm



FIBRE LED

Fibre optic strands

1 yr 1 year guarantee



PRODUCT DATA

| | | |
|--------------|----------------|------|
| Product code | FIBRE LED 1/30 | (1m) |
| | FIBRE LED 2/30 | (2m) |

GENERAL

| | |
|-----------------------|---------|
| Construction material | Plastic |
|-----------------------|---------|

WIRING

| | |
|-------------------|---|
| Cable | - |
| Series / Parallel | - |

USE IN CONJUNCTION WITH

| | |
|-----------------|---------------------|
| FIBRE LED LIGHT | 96 |
| DL329RGBW | 256 |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- High lumen output
- Retrofits into existing AR111 housings
- Ideal for retail and hospitality spaces
- Dimmable with mains, 1-10V & DALI LED drivers
- Innovative low glare design



RL111

LED AR111 replacement for 75W halogen



Suitable for use indoors



7 year extended warranty available



* LED unit only

HOUSING DEPENDANT

L70, B10

35DCM

PHOTOMETRICS @ 25°C

Efficacy does not include driver

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 20° | RL1112040 | >80Ra | 1200 | 100 | 5993 |
| | 40° | RL1114040 | >80Ra | 1200 | 100 | 2371 |
| 3000K | 20° | RL1112030 | >80Ra | 1200 | 100 | 5993 |
| | 40° | RL1114030 | >80Ra | 1200 | 100 | 2371 |
| 2700K | 20° | RL1112027 | >80Ra | 950 | 80 | 4744 |
| | 40° | RL1114027 | >80Ra | 950 | 80 | 1877 |

GENERAL

Construction material Aluminium

WIRING

Cable/flying lead 0.35m (0.205mm² red & black PTFE)

Type of wiring required Series

LED DRIVERS

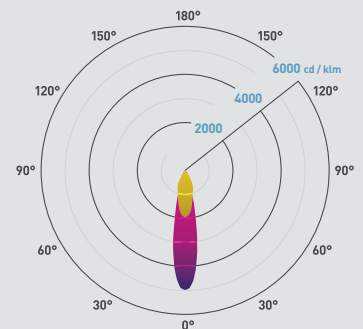
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Power factor | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|--------------|------------------|---------------|-----|-----|
| PLDM35020 | 350 | Yes | >0.95 | Yes (mains) | - | 1 | 1 |
| PLD UNI-DRIVE 350MA | 350 | Yes | >0.95 | Yes (1-10V) | - | 1 | 1 |
| PSDAL350M | 350 | Yes | >0.95 | Yes (1-10V/DALI) | - | 1 | 2 |

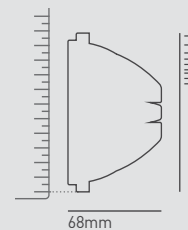
For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description |
|-----------------|--|
| Dimming options | Contact us on 01604 495 151 for more information |
| AR119/120/220 | Adjustable housing 99 |
| HAL 104 | DALI interface 272 |



4000K 20° / 4000K 40°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. **A++** **A+** **A** **B** **C** **D** **E** **F** LED

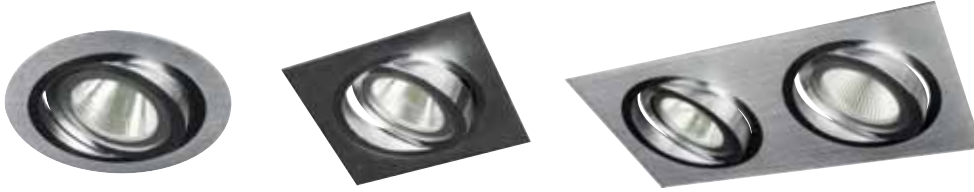
The lamps cannot be changed in the luminaire.

874/2012

AR119

AR120

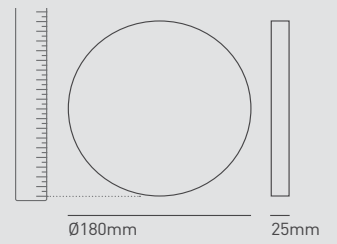
AR220



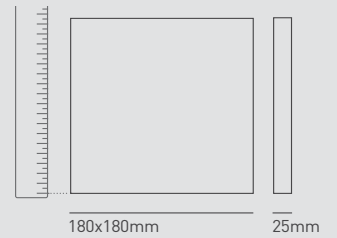
FEATURES & BENEFITS

- › Complete with lamp retaining clip
- › Fully adjustable
- › Machined from aluminium for a quality finish

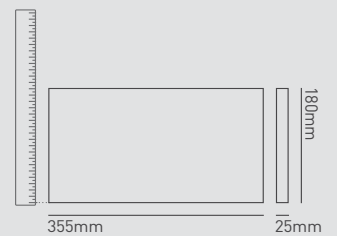
AR119



AR120



AR220



AR119 | AR120 | AR220

Adjustable housing

1 yr 1 year guarantee



AR119



AR120



AR220



AR119



AR120



AR220

PRODUCT DATA

| | | |
|--------------|-----------|------------------|
| Product code | AR119 SIL | (Round) |
| | AR120 SIL | (Square) |
| | AR220 SIL | (Double fitting) |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Machined aluminium |
|-----------------------|--------------------|

WIRING

| | |
|-------------------|---|
| Cable | - |
| Series / Parallel | - |

USE IN CONJUNCTION WITH

RL111

98



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Equivalent to 50W halogen
- › MR16 for retrofit into existing housings
- › Plug & Play connector for quick installation

DM01

MR16 high output single source LED replacement

IP40 Suitable for use indoors

7 year extended warranty available



PHOTOMETRICS @ 25°C

Adding a housing to this module will affect photometric readings

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 25° | DM012540 | >80Ra | 680 | 76 | 1774 |
| 3000K | 25° | DM012530 | >80Ra | 650 | 72 | 1696 |
| 2700K | 25° | DM012527 | >80Ra | 600 | 67 | 1565 |

GENERAL

| | |
|-----------------------|---------------------------|
| Building regulations | Product is not fire-rated |
| Construction material | Aluminium |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 400mm (0.205mm ² red & black PTFE) |
| Type of wiring required | Series (Plug & Play) |

NB: Removal of plugs will render this product non-returnable

LED DRIVERS

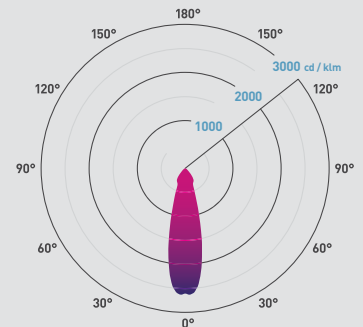
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|------------------|-----|------|-------------|---------------|-----|-----|
| PLDM70011 | 700 | Yes | Yes (mains) | 2 | 1 | 1 |
| PLD-UNIDRIVE 700 | 700 | Yes | Yes (1-10V) | 1 | 1 | 2 |
| PSDAL700M | 700 | Yes | Yes (DALI) | 2 | 1 | 5 |

For LED driver bathroom zone & additional LED drivers see page 264

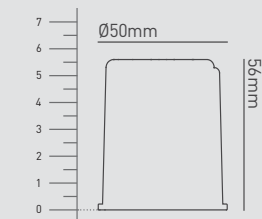
ACCESSORIES

| Product code | Description | |
|--------------------|---|-----|
| DH02WH | Adjustable MR16 pinhole housing for the DM01 & DM02 | 102 |
| DH03WH | Adjustable MR16 baffled housing for the DM01 & DM02 | 102 |
| DH04WH | Adjustable MR16 highlight housing for the DM01 & DM02 | 102 |
| DH05WH | Adjustable MR16 wall wash housing for the DM01 & DM02 | 102 |
| LED LYTE 1M EXT | 1m Plug & Play extension lead | 215 |
| LED LYTE 6 WAY EXT | 6 way 1m Plug & Play extension lead | 215 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 25°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. **LED**

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012



COLLINGWOOD
LIGHTING



NEW

FEATURES & BENEFITS

- › Equivalent to 50W halogen
- › MR16 for retrofit into existing housings
- › 3-year extended warranty available

DM02

MR16 high output single source LED replacement

- IP40** Suitable for use indoors
- 3** 3-year extended warranty available

- 24°
- 6.3W
- 45°C
- 1/40°C
- 100g
- HOUSING DEPENDANT
- 40,000h
- 3SDCM

PHOTOMETRICS @ 25°C Adding a housing to this module will affect photometric readings

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 3000K | 24° | DM022430 | >80Ra | 580 | 68 | 1997 |

DRIVER REQUIRED FOR DM02 RANGE

| Product code | Input power | Description |
|--------------|-------------|------------------------------------|
| PSDIM180 | 8.5W | Mains dimmable, IP20, 180mA driver |

GENERAL

| | |
|-----------------------|---------------------------|
| Building regulations | Product is not fire-rated |
| Construction material | Aluminium |

WIRING

| | |
|-------------------------|-------------------------|
| Cable / flying lead | Plug & Play into driver |
| Type of wiring required | Plug & Play |

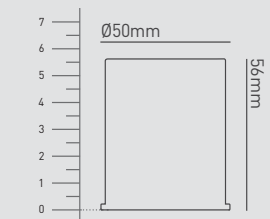
NB: Removal of plugs will render this product non-returnable

LED DRIVERS Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|-------------|---------------|-----|-----|
| PSDIM180 | 180 | Yes | Yes (mains) | - | 1 | 1 |

ACCESSORIES

| Product code | Description | |
|-----------------|---|-----|
| DH02WH | Adjustable MR16 pinhole housing for the DM01 & DM02 | 102 |
| DH03WH | Adjustable MR16 baffled housing for the DM01 & DM02 | 102 |
| DH04WH | Adjustable MR16 highlight housing for the DM01 & DM02 | 102 |
| DH05WH | Adjustable MR16 wall wash housing for the DM01 & DM02 | 102 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A+ A A C D E

874/2012



DH02WH

Adjustable, white, pinhole housing for the DM01 & DM02



DH03WH

Adjustable, white, baffled housing for the DM01 & DM02

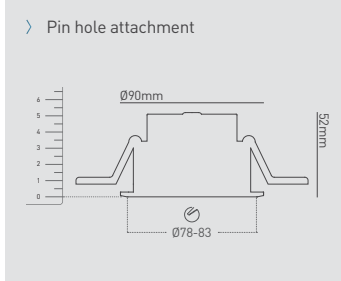


| | |
|-----------------------|-----------|
| Product Code | DH02WH |
| Construction material | Aluminium |
| Guarantee | 1 year |

| | |
|-----------------------|-----------|
| Product Code | DH03WH |
| Construction material | Aluminium |
| Guarantee | 1 year |

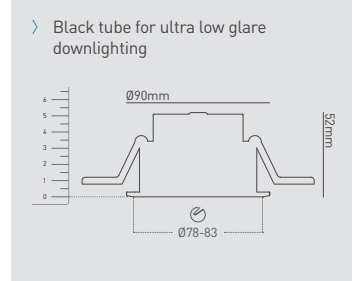
DM01 WITH DH02WH Page 100

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 4000K | 330 | 1051 |
| 3000K | 300 | 956 |
| 2700K | 270 | 860 |



DM01 WITH DH03WH Page 100

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 4000K | 480 | 1027 |
| 3000K | 450 | 963 |
| 2700K | 420 | 899 |



DM02 WITH DH02WH Page 101

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 3000K | 320 | 1760 |

DM02 WITH DH03WH Page 101

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 3000K | 480 | 2258 |



DH04WH

Adjustable, white, highlight housing for the DM01 & DM02



DH05WH

Adjustable, white, wall wash housing for the DM01 & DM02

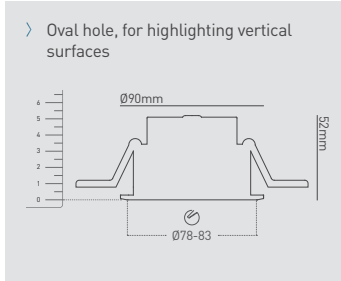


| | |
|-----------------------|-----------|
| Product Code | DH04WH |
| Construction material | Aluminium |
| Guarantee | 1 year |

| | |
|-----------------------|-----------|
| Product Code | DH05WH |
| Construction material | Aluminium |
| Guarantee | 1 year |

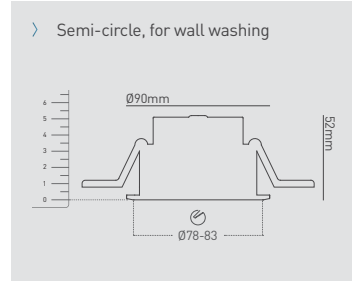
DM01 WITH DH04WH Page 100

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 4000K | 330 | 1078 |
| 3000K | 300 | 980 |
| 2700K | 270 | 882 |



DM01 WITH DH5WH Page 100

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 4000K | 330 | 1028 |
| 3000K | 300 | 935 |
| 2700K | 270 | 841 |



DM02 WITH DH04WH Page 101

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 3000K | 320 | 1759 |

DM02 WITH DH04WH Page 101

| Colour | lm | lx at 1m |
|--------|-----|----------|
| 3000K | 320 | 1577 |



GROUND LIGHTS

To highlight your best features, inside and out



QUALITY OF PRODUCT

Project light upwards onto walls, architectural features, trees and shrubs to create a spectacular environment by day and night using Collingwood ground lights. Their marine grade 316 stainless steel construction means that they will continue to look good both indoors and outdoors for years to come. They put other lights in the shade when it comes to coastal locations. Their premium finish means they won't give in to corrosion and will continue to create spectacular vistas on the coast and inland. Collingwood ground lights have been used to create stunning environments throughout the world for over 10 years. There is a 7-year warranty on sealed for life ground lights.

INSTALLATION TUBES

Installing ground lights in soil, gravel or patios? We recommend using an installation tube, see page 127. Already supplied with GL034A, GL038A, GL07, GL08 and GL09.



WATERPROOF

Collingwood ground lights are waterproof to IP68 or IP67 and are designed for permanent use outdoors. Ground lights must be installed using waterproof connections to avoid moisture entering the cable through non-waterproof joints.

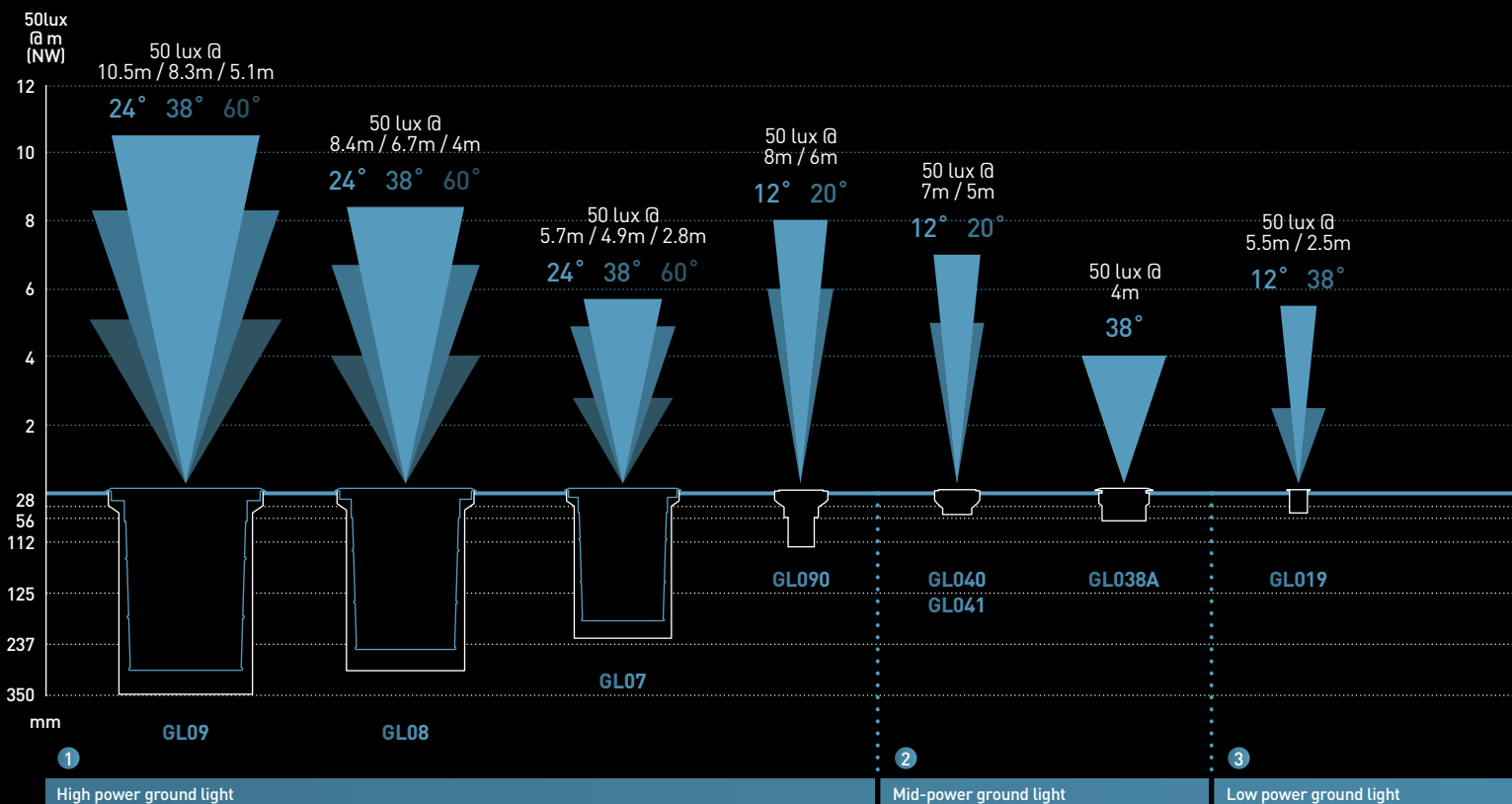
To choose from our range of waterproof connectors see page 280-281



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

CHOOSE YOUR EFFECT

The diagram below is for approximate representation only, for exact lux levels see product specification sheets.



CHOOSE YOUR EFFECT

These are suggested locations for our products, they can be used anywhere you feel appropriate.

Expect light consistency regardless of how many fittings are used in a scheme or the distance between each one. Collingwood ground lights have been designed using constant current technology so the light output of each individual fitting will remain constant.

Suitable for both new and retrofit installations and available with separate and integral drivers, Collingwood ground lights offer great flexibility.

1 High power ground light

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

2 Mid-power ground light

Choose these to light smaller scale facades, small 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 up-lighting domestic facades and for use on wide steps and around terraces and low level planting, these fittings can also be used inside to highlight architectural features. They can be recessed into ceilings to provide small downlight options in recessed displays, alcoves or in showers.

4 Low glare ground light

These fittings are ideal for use inside or near terraces and seating areas and along paths where people pass nearby.

5 Marker light

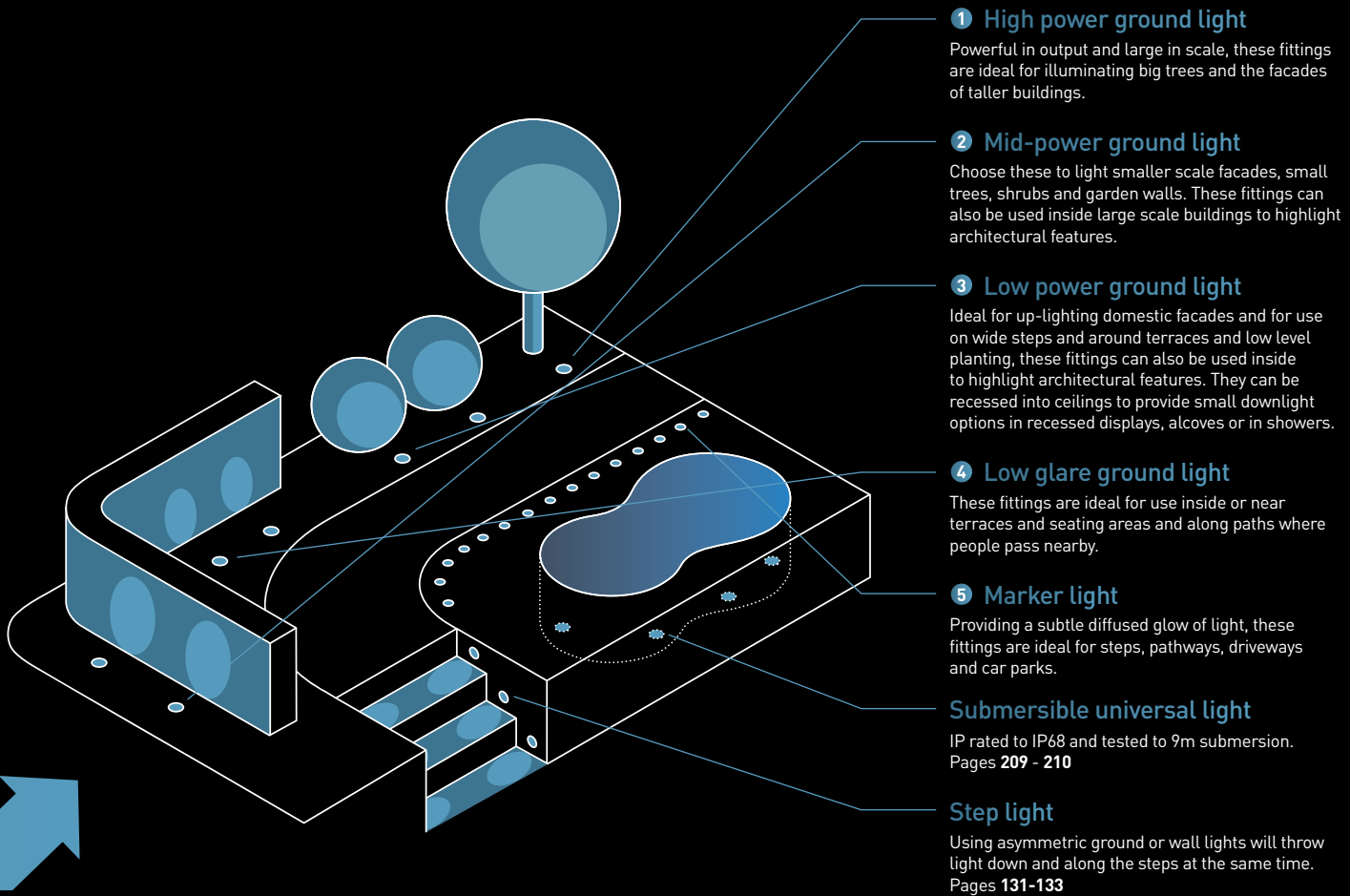
Providing a subtle diffused glow of light, these fittings are ideal for steps, pathways, driveways and car parks.

Submersible universal light

IP rated to IP68 and tested to 9m submersion. Pages 209 - 210

Step light

Using asymmetric ground or wall lights will throw light down and along the steps at the same time. Pages 131-133



50 lux @
2.3m

26°

GL016

50 lux @
0.4m

30°

GL021
GL022

50 lux @
4m / 2.25m

12° 30°

GL019 LG

Marker light

GL007
Frosted

Marker light

GL050
GL051

Marker light

GL018

Marker light

GL063
GL064

4

Low glare

5

Marker light



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Adjustable LED fittings
- › Equivalent to 50W Halogen & 100W AR111
- › Straight to mains
- › Robust cable for outdoor use



GL09

Triple LED drive over ground light



Perfect for outdoor use



3 year extended warranty available



ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 60° | GL09D60X40 | >80Ra | 1515 | 59 | 1266 |
| | 38° | GL09D38X40 | >80Ra | 1515 | 59 | 3453 |
| | 24° | GL09D24X40 | >80Ra | 1515 | 59 | 5471 |
| 3000K | 60° | GL09D60X30 | >80Ra | 1500 | 59 | 1253 |
| | 38° | GL09D38X30 | >80Ra | 1500 | 59 | 3419 |
| | 24° | GL09D24X30 | >80Ra | 1500 | 59 | 5417 |

GENERAL

| | |
|------------------------|--|
| Construction material | Stainless Steel 304 (cover ring) / Aluminium (body) |
| Drive over / Walk over | Drive over, 12mm tempered glass (15mph max), static load 2000kg / 20KN |
| Inrush current | 2.8A 0.2ms |

WIRING

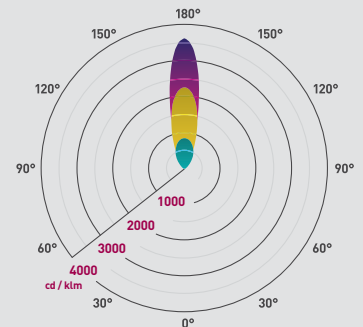
| | |
|-------------------------|---|
| Cable/flying lead | 1m H05RN-F rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|-----------------------|----|---------|---------------|-----|-----|
| N/A (driver built in) | - | No | 2 | - | - |

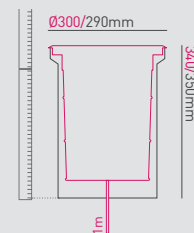
ACCESSORIES

| Product code | Description |
|------------------------------|---------------------------------|
| Installation tube (included) | |
| JB5 | Gel filled waterproof connector |
| WC 5-9 | Quick waterproof connector |



4000K 24° / 4000K 38° / 4000K 60°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Adjustable LED fittings
- › Equivalent to 50W Halogen & 100W AR111
- › Straight to mains
- › Robust cable for outdoor use



GL08

Twin LED drive over ground light



Perfect for outdoor use



3 year extended warranty available



Also available in RGBW See page 243



ZONE L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 60° | GL08D60X40 | >80Ra | 1010 | 59 | 801 |
| | 38° | GL08D38X40 | >80Ra | 1010 | 59 | 2286 |
| | 24° | GL08D24X40 | >80Ra | 1010 | 59 | 3533 |
| 3000K | 60° | GL08D60X30 | >80Ra | 1000 | 59 | 793 |
| | 38° | GL08D38X30 | >80Ra | 1000 | 59 | 2264 |
| | 24° | GL08D24X30 | >80Ra | 1000 | 59 | 3498 |

GENERAL

| | |
|------------------------|--|
| Construction material | Stainless Steel 304 (cover ring) / Aluminium (body) |
| Drive over / Walk over | Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN |
| Inrush current | 1.8A 0.2ms |

WIRING

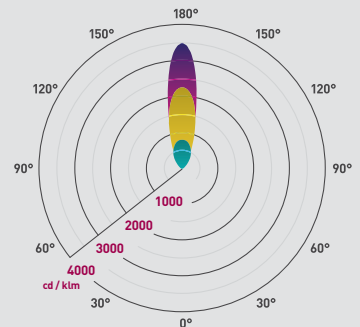
| | |
|-------------------------|---|
| Cable/flying lead | 1m H05RN-F rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

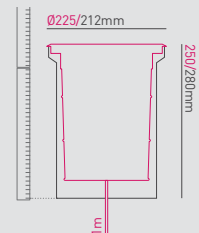
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|-----------------------|----|---------|---------------|-----|-----|
| N/A (driver built in) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description |
|------------------------------|---------------------------------|
| Installation tube (included) | |
| JB5 | Gel filled waterproof connector |
| WC 5-9 | Quick waterproof connector |



4000K 24° / 4000K 38° / 4000K 60°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+ A A C D E

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Adjustable LED fittings
- > Equivalent to 50W Halogen
- > Robust cable for outdoor use
- > Straight to mains



GL07

Drive over LED ground light

Perfect for outdoor use
 3 year extended warranty available
 Also available in RGBW See page 242

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 60° | GL07D60X40 | >80Ra | 505 | 59 | 399 |
| | 38° | GL07D38X40 | >80Ra | 505 | 59 | 1177 |
| | 24° | GL07D24X40 | >80Ra | 505 | 59 | 1597 |
| 3000K | 60° | GL07D60X30 | >80Ra | 500 | 59 | 395 |
| | 38° | GL07D38X30 | >80Ra | 500 | 59 | 1165 |
| | 24° | GL07D24X30 | >80Ra | 500 | 59 | 1582 |

GENERAL

| | |
|------------------------|--|
| Construction material | Stainless Steel 304 (cover ring) / Aluminium (body) |
| Drive over / Walk over | Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN |
| Inrush current | 0.92A 0.13ms |

WIRING

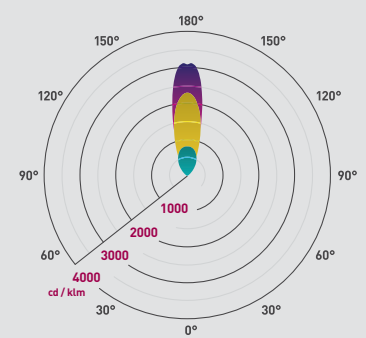
| | |
|-------------------------|---|
| Cable/flying lead | 1m H05RN-F rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

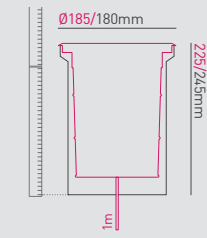
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|-----------------------|----|---------|---------------|-----|-----|
| N/A (driver built in) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description |
|------------------------------|---------------------------------|
| Installation tube (included) | |
| JB5 | Gel filled waterproof connector |
| WC 5-9 | Quick waterproof connector |



4000K 24° / 4000K 38° / 4000K 60°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

 The lamps cannot be changed in the luminaire.

 874/2012



FEATURES & BENEFITS

- > Frosted effect for softer tone of light
- > Straight to mains

GL007 Frosted

Frosted LED drive over ground / marker light



Protected against temporary immersion



3-year extended warranty available



ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------------|-------|-----|------|----------|
| 4000K | GL007 FROSTED NW | >70Ra | 101 | 13 | 43 |
| 3000K | GL007 FROSTED WW | >80Ra | 96 | 12 | 33 |

GENERAL

| | |
|------------------------|--|
| Construction material | Stainless steel 304 (cover ring) / aluminium (body) |
| Drive over / walk over | Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN |
| Inrush current | 10.7A 0.7ms |

WIRING

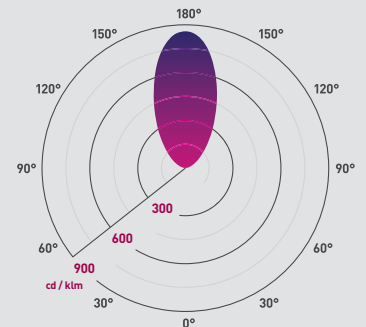
| | |
|-------------------------|---|
| Cable / flying lead | 1m H05RN-F rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

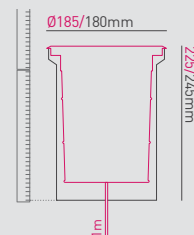
ACCESSORIES

| Product code | Description | |
|------------------------------|---------------------------------|-----|
| Installation tube (included) | | |
| JB5 | Gel filled waterproof connector | 281 |
| WC 5-9 | Quick waterproof connector | 280 |



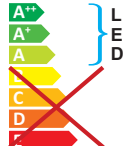
4000K

Additional diagrams available at collingwoodlighting.com




This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.



LED



874/2012

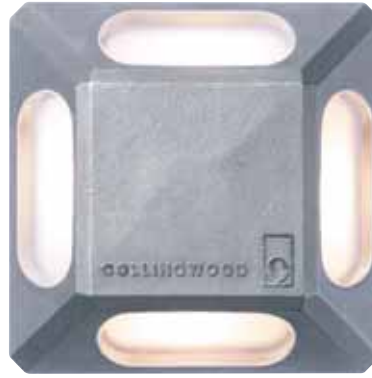


COLLINGWOOD
LIGHTING

GL063



GL064



FEATURES & BENEFITS

- › Cast stainless steel for aged effect
- › Raised profile sending light in three or four directions



GL063 | GL064

3-way LED marker light | 4-way LED marker light

- IP67** Protected against temporary immersion
- G** 7-year extended warranty available

- 4W** GL063
- 5W** GL064
- 855** Patent information: collingwoodlighting.com/patent
- 37°C**
- 1/35°C**
- 1.1kg**
- 1** ZONE
- 70,000h** L70, B10
- 3SDCM**

PHOTOMETRICS @ 25°C

| Colour | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------------|-------|----|------|----------|
| 3000K | GL063 | >80Ra | 45 | 11 | 9 |
| | GL064 | >80Ra | 65 | 13 | 9 |

GENERAL

| | |
|------------------------|----------------------------|
| Construction material | Cast stainless steel (316) |
| Drive over / walk over | No |

WIRING

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

LED DRIVERS

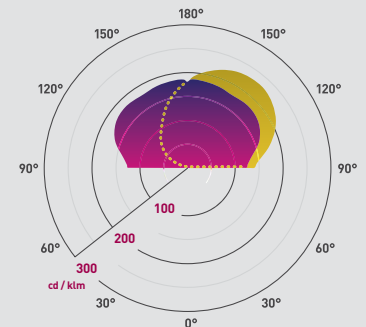
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-------|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 3 / 2 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes [1-10V] | 2 | 1 | 3 / 2 |

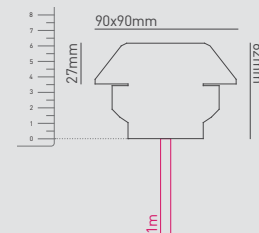
For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|-----------------|----------------------------|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/68 | Installation tube | 127 |
| WCR 275 BLACK | 2-core rubber cable | 281 |



GL063 3000K C0/C180 / 3000K C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012



FEATURES & BENEFITS

- › Equivalent to 20W halogen
- › Robust cable for outdoor use
- › Straight to mains



GL038A

Straight to mains LED ground light

- IP67** Protected against temporary immersion
- 7-year** extended warranty available

- 38°
 - 3.6W
 - 240V
 - Ø80
 - 34°C
 - IK08
 - 1/35°C
 - 800g
 - 2
 - 70,000h
 - 3SDCM
- Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 38° | GL038A F NW | >70Ra | 200 | 55 | 550 |
| 3000K | 38° | GL038A F WW | >80Ra | 165 | 45 | 305 |
| Blue | 38° | GL038A F BL | - | - | - | - |

GENERAL

| | |
|------------------------|--|
| Construction material | Stainless steel 316 (cover) / aluminium (body) |
| Drive over / walk over | Walk over (5mm toughened glass) |
| Inrush current | 9A 0.8ms |

WIRING

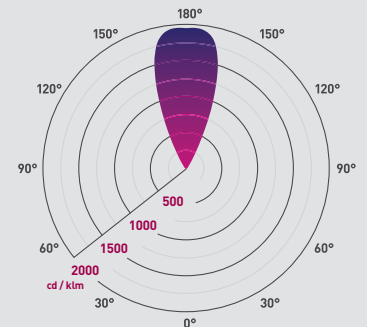
| | |
|-------------------------|---|
| Cable / flying lead | 1m H05RN-F rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

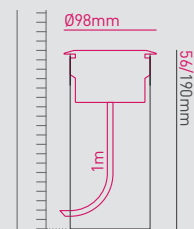
ACCESSORIES

| Product code | Description | |
|------------------------------|---------------------------------|-----|
| Installation tube (included) | | |
| JB5 | Gel filled waterproof connector | 281 |
| WC 5-9 | Quick waterproof connector | 280 |



4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A+ (LED), A+, A, B, C, D, E

874/2012

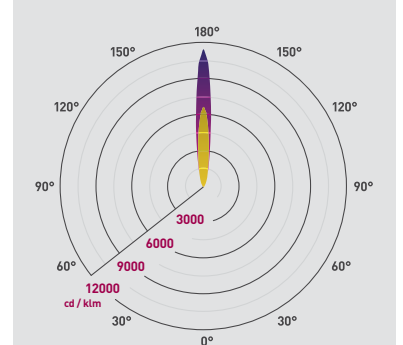
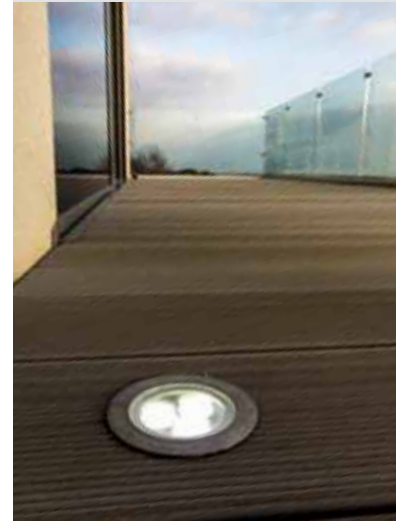


COLLINGWOOD
LIGHTING

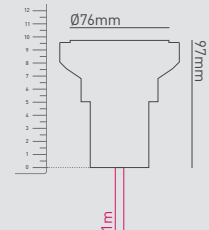


FEATURES & BENEFITS

- › Equivalent to 35W halogen & 35W AR111
- › Robust cable for outdoor use



4000K 12° / 4000K 20°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012

GL090
7W LED ground light

IP68

Submersible to 9m

G

7-year extended warranty available

W

Also available in RGBW See page 244

12/20°

7W

865

-50°C

±35°C

800g

0

70,000h

3SDCM

Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

| PHOTOMETRICS @ 25°C | | | | | | |
|---------------------|------------|--------------|-------|-----|------|----------|
| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
| 4000K | 20° | GL090 F NW | >70Ra | 400 | 65 | 2594 |
| | 12° | GL090 S NW | >70Ra | 500 | 80 | 5737 |
| 3000K | 20° | GL090 F WW | >80Ra | 320 | 49 | 2076 |
| | 12° | GL090 S WW | >80Ra | 390 | 60 | 4474 |
| Blue | 20° | GL090 F BL | - | 43 | 6 | - |
| | 12° | GL090 S BL | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/700 3-9 | 700 | Yes | No | 1 | 1 | 3 |
| PL/IP/700 1-3 | 700 | Yes | No | 0 | 1 | 1 |
| PLD UNI-DRIVE 700MA | 700 | Yes | Yes (1-10V) | 2 | 1 | 3 |

For LED driver bathroom zone & additional LED drivers see page 264

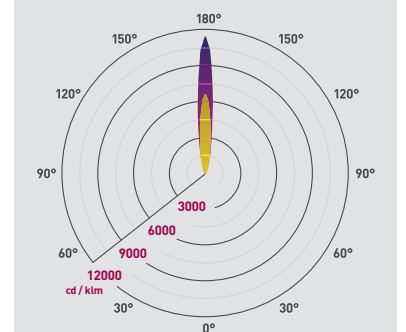
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/68 | Installation tube | 127 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

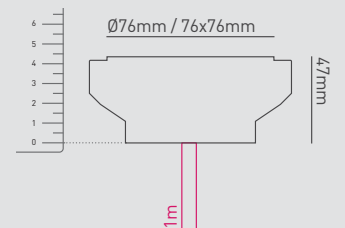
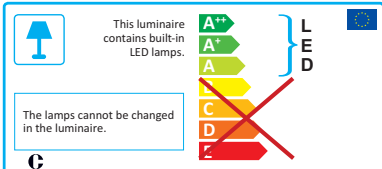


FEATURES & BENEFITS

- › Equivalent to 20W halogen & 35W AR111
- › Robust cable for outdoor use



4000K 12° / 4000K 20°
Additional diagrams available at collingwoodlighting.com

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

874/2012

GL040 | GL041

3W LED ground light | Square 3W LED ground light

- IP68** Submersible to 9m
- 7-year extended warranty** available
- Also available in RGB (GL040) See page 245

- 12|20°
 - 3W
 - Ø65
 - <40°C
 - ±35°C
 - 720g
 - 760g
 - 0
 - L70, B10
 - 35DCM
- Patent information: collingwoodlighting.com/patent

| PHOTOMETRICS @ 25°C | | | | | | |
|---------------------|------------|--------------|-------|-----|------|----------|
| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
| 4000K | 20° | GL040 F NW | >70Ra | 200 | 67 | 1800 |
| | 12° | GL040 S NW | >70Ra | 200 | 67 | 4500 |
| | 20° | GL041 F NW | >70Ra | 200 | 67 | 1800 |
| | 12° | GL041 S NW | >70Ra | 200 | 67 | 4500 |
| 3000K | 20° | GL040 F WW | >80Ra | 160 | 53 | 1253 |
| | 12° | GL040 S WW | >80Ra | 160 | 53 | 3210 |
| | 20° | GL041 F WW | >80Ra | 160 | 53 | 1253 |
| | 12° | GL041 S WW | >80Ra | 160 | 53 | 3210 |

| GENERAL | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

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

| LED DRIVERS | | | | | | |
|---------------------|-----|------|-------------|---------------|--|-----|
| Product code | mA | SELV | Dimming | Bathroom zone | Bathroom zone applicable to fitting only | |
| | | | | | Min | Max |
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 3 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 1 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 3 |

For LED driver bathroom zone & additional LED drivers see page 264

| ACCESSORIES | | |
|-----------------|--|---------|
| Product code | Description | |
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/68 | Installation tube | 127 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

At time of order please call 01604 495 151 for confirmation of photometrics and dimensions

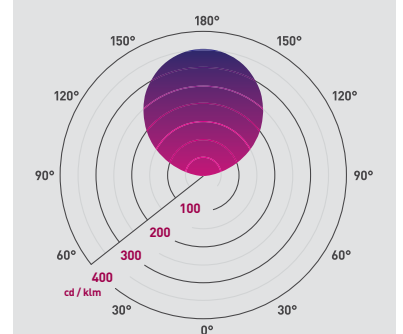
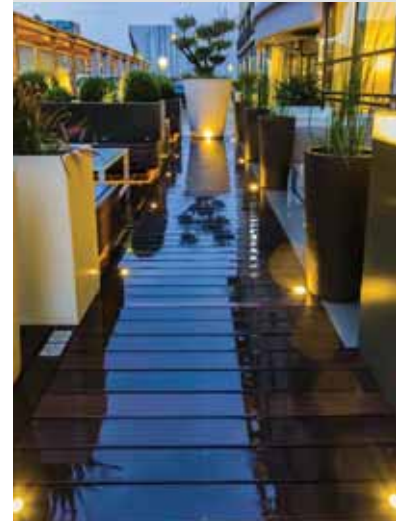


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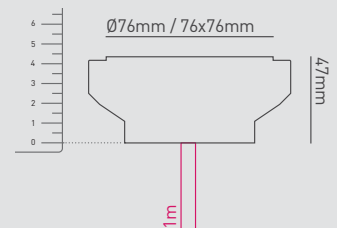
FEATURES & BENEFITS

- > Frosted effect for softer tone of light
- > Robust cable for outdoor use



4000K 100°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red).

874/2012

GL050 | GL051
3W LED ground / marker light | Square 3W LED ground / marker light



Submersible to 9m



7-year extended warranty available



Also available in RGBW (GL050) See page 244



Patent information: collingwoodlighting.com/patent

GL050

GL051

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 100° | GL050 NW | >70Ra | 50 | 17 | 20 |
| | 100° | GL051 NW | >70Ra | 50 | 17 | 20 |
| 3000K | 100° | GL050 WW | >80Ra | 46 | 15 | 16 |
| | 100° | GL051 WW | >80Ra | 46 | 15 | 16 |
| Blue | 100° | GL050 BLUE | - | - | - | - |
| | 100° | GL051 BLUE | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 3 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 1 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 3 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | Price |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/68 | Installation tube | 127 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

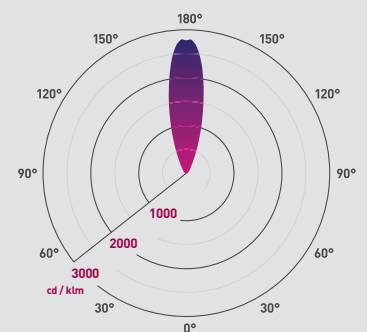
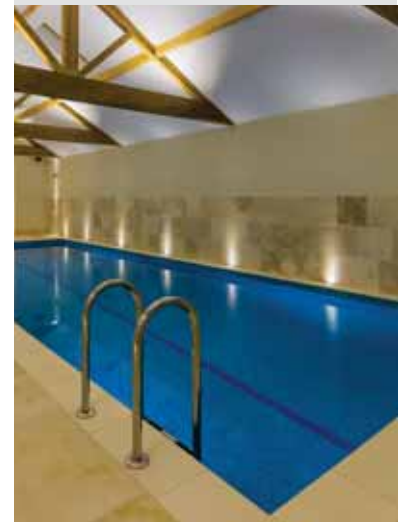


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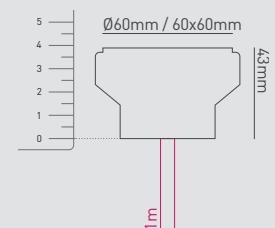


FEATURES & BENEFITS

- › Robust cable for outdoor use
- › Shallow depth for easy installation



4000K 26°
Additional diagrams available at collingwoodlighting.com



GL016 F | GL016 SQ

1W LED ground light | Square 1W LED ground light

- IP68** Submersible to 9m
- G** 7-year extended warranty available
- W** Also available in RGBW (GL016) See page 247

- 26°
- 1W
- 850
- <35°C
- ±35°C
- 400g
- 0
- L70, B10
- 35DCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 26° | GL016 F NW | >70Ra | 95 | 95 | 267 |
| | 26° | GL016 SQ NW | >70Ra | 95 | 95 | 267 |
| 3000K | 26° | GL016 F WW | >80Ra | 75 | 75 | 210 |
| | 26° | GL016 SQ WW | >80Ra | 75 | 75 | 210 |
| Amber | 26° | GL016 F AMBER | - | - | - | - |
| Blue | 26° | GL016 F BLUE | - | - | - | - |
| | 26° | GL016 SQ BLUE | - | - | - | - |
| Green | 26° | GL016 F GREEN | - | - | - | - |
| Red | 26° | GL016 F RED | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/50 | Installation tube | 127 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A+ (LED)

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LIGHTING



FEATURES & BENEFITS

- › Robust cable for outdoor use
- › Shallow depth for easy installation
- › Solid brass for antique effect

GL016 F AB

1W LED ground light



Submersible to 9m



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|------------------|-------|----|------|----------|
| 4000K | 26° | GL016 F AB NW | >70Ra | 95 | 95 | 267 |
| 3000K | 26° | GL016 F AB WW | >80Ra | 75 | 75 | 210 |
| Amber | 26° | GL016 F AB AMBER | - | - | - | - |
| Blue | 26° | GL016 F AB BLUE | - | - | - | - |
| Green | 26° | GL016 F AB GREEN | - | - | - | - |
| Red | 26° | GL016 F AB RED | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Brass |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

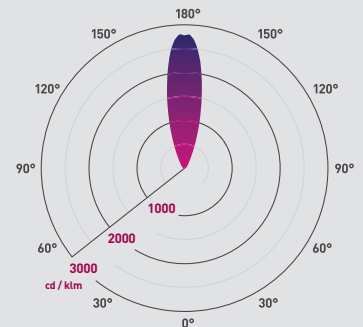
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

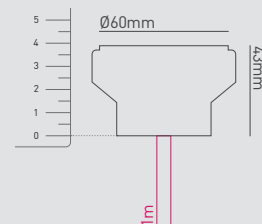
ACCESSORIES

| Product code | Description | Price |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/50 | Installation tube | 127 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 26°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012



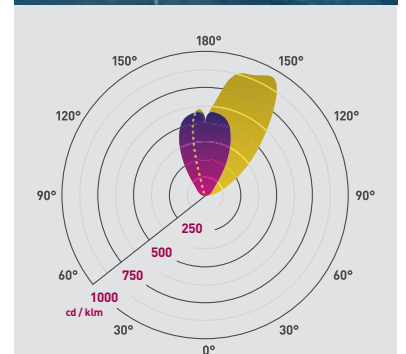


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LIGHTING

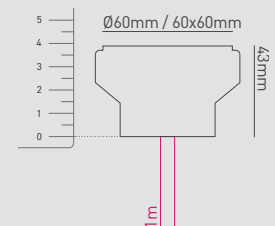


FEATURES & BENEFITS

- > Angled light ideal for use as a step light
- > Cast Stainless steel for aged effect (GL022)
- > Robust cable for outdoor use



3000K C0/C180 / 3000K C90/C270
Additional diagrams available at collingwoodlighting.com



GL021 | GL022

30° slotted LED ground light | Square 30° slotted LED ground light

IP68 Submersible to 9m | **7-year** extended warranty available

30° | 1W | 850 | 37°C | ±35°C | 400g | 0 | L70, B10 | 35DCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 30° | GL021 NW | >70Ra | 10 | 10 | 10 |
| | 30° | GL022 NW | >70Ra | 10 | 10 | 10 |
| 3000K | 30° | GL021 WW | >80Ra | 8 | 8 | 8 |
| | 30° | GL022 WW | >80Ra | 8 | 8 | 8 |
| Blue | 30° | GL021 BLUE | - | - | - | - |
| | 30° | GL022 BLUE | - | - | - | - |

GENERAL

| | |
|------------------------|-----------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over |

WIRING

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

LED DRIVERS

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | Price |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/50 | Installation tube | 127 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

This luminaire contains built-in LED lamps. **A+** **A** **A-** **C** **D** **E** } LED

The lamps cannot be changed in the luminaire.

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FEATURES & BENEFITS

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



GL019

1W mini LED ground light

IP68 Submersible to 9m **G** 7-year extended warranty available

12|38° 1W 853 32°C 1/35°C 200g 0 70,000h 3SDCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 38° | GL019 F NW | >70Ra | 90 | 90 | 320 |
| | 12° | GL019 S NW | >70Ra | 90 | 90 | 1543 |
| 3000K | 38° | GL019 F WW | >80Ra | 70 | 70 | 249 |
| | 12° | GL019 S WW | >80Ra | 70 | 70 | 1200 |
| Amber | 38° | GL019 F AMBER | - | - | - | - |
| | 12° | GL019 S AMBER | - | - | - | - |
| Blue | 38° | GL019 F BLUE | - | - | - | - |
| | 12° | GL019 S BLUE | - | - | - | - |
| Green | 38° | GL019 F GREEN | - | - | - | - |
| | 12° | GL019 S GREEN | - | - | - | - |
| Red | 38° | GL019 F RED | - | - | - | - |
| | 12° | GL019 S RED | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

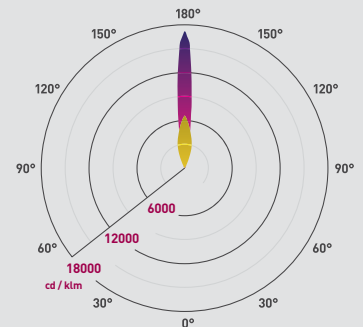
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

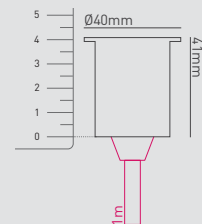
ACCESSORIES

| Product code | Description | Price |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/33 | Installation tube | 127 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 12° / 4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. **A++ A+ A B C D E** LED

The lamps cannot be changed in the luminaire.

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FEATURES & BENEFITS

- › Compact yet powerful fitting
- › Shallow depth for easy installation
- › Robust cable for outdoor use
- › Built-in glare reducing honeycomb baffle

GL019 LG

1W mini low glare LED ground light

- IP68** Submersible to 9m
- G** 7-year extended warranty available

- 12|30°
- 1W
- 833
- 32°C
- 35°C
- 200g
- 0
- L70, B10
- 35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 30° | GL019LGFNW | >70Ra | 65 | 65 | 262 |
| | 12° | GL019LGSNW | >70Ra | 65 | 65 | 908 |
| 3000K | 30° | GL019LGFWW | >80Ra | 55 | 55 | 222 |
| | 12° | GL019LGSWW | >80Ra | 55 | 55 | 768 |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

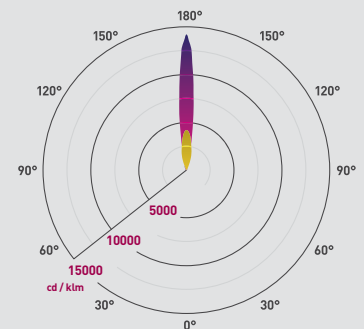
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

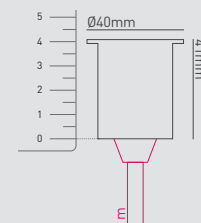
ACCESSORIES

| Product code | Description | Price |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/33 | Installation tube | 127 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 12° / 4000K 30°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+
A
A-
C
D
F

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Shallow depth for easy installation
- › Square fascia for a different decorative effect



GL019 SQ

1W square mini LED ground light

IP68 Submersible to 9m **G** 7-year extended warranty available

12|20° 1W 853 32°C 1/35°C 100g 0 70,000h 3SDCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-----------------|-------|----|------|----------|
| 4000K | 20° | GL019 SQ F NW | >70Ra | 55 | 55 | 350 |
| | 12° | GL019 SQ S NW | >70Ra | 55 | 55 | 1650 |
| 3000K | 20° | GL019 SQ F WW | >80Ra | 44 | 44 | 320 |
| | 12° | GL019 SQ S BLUE | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

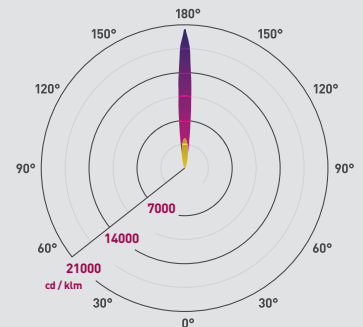
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

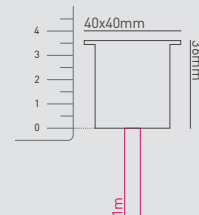
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| TUBE/33 | Installation tube | 127 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 12° / 4000K 20°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

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FEATURES & BENEFITS

- › Incorporated thread and nut for secure fitting into panels, walls or ceilings
- › Shallow depth for easy installation



GL019 S T

1W threaded mini LED ground light

- IP68** Submersible to 9m
- 7-year** extended warranty available

- 12°
 - 1W
 - 852
 - 32°C
 - ±35°C
 - 100g
 - 0
 - L70, B10
 - 3SDCM
- Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|----------------|-------|----|------|----------|
| 4000K | 12° | GL019 S T NW | >70Ra | 55 | 55 | 1650 |
| 3000K | 12° | GL019 S T WW | >80Ra | 44 | 44 | 1464 |
| Blue | 12° | GL019 S T BLUE | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

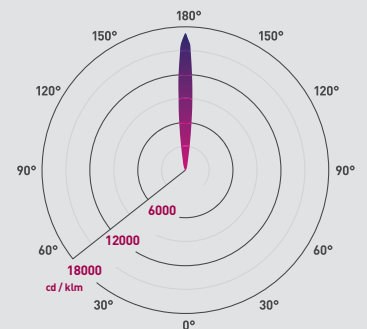
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

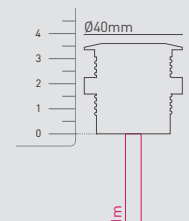
ACCESSORIES


| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 12°

Additional diagrams available at collingwoodlighting.com





This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+AAABCDE

}

LED

874/2012



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LIGHTING



FEATURES & BENEFITS

- › Low profile waterproof ground light. Ideal for decking or by swimming pools
- › Aluminium tube for secure installation in concrete or soft ground environments
- › Theft/vandal-proof. Threaded body fits securely into supplied aluminium tube using tightening key

GL019 S TK

GL019 LED spot kit

- IP68** Submersible to 9m
- 7-year extended warranty** available

- 12°
 - 1W
 - 837
 - 32°C
 - 1/35°C
 - 100g
 - 0
 - 70,000h
 - 3SDCM
- Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-----------------|-------|----|------|----------|
| 4000K | 12° | GL019 S TK NW | >70Ra | 55 | 55 | 1650 |
| Blue | 12° | GL019 S TK BLUE | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

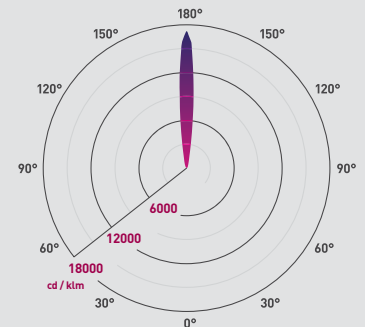
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

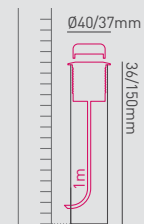
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | IP68 waterproof connectors | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 12°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

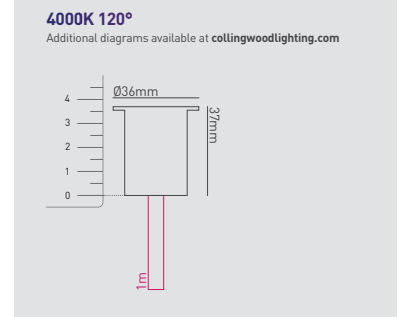
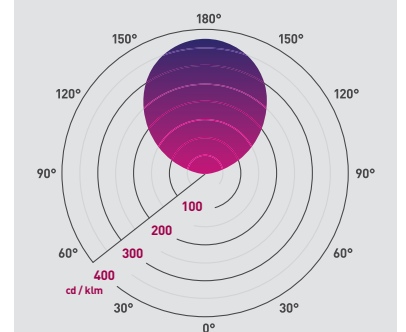
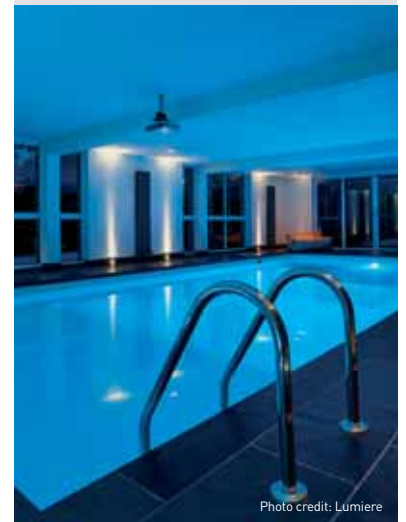
Energy efficiency class: A++ (LED)

874/2012



FEATURES & BENEFITS

- › Frosted effect for softer tone of light
- › Low profile for easy installation
- › Robust cable for outdoor use



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012

GL018 C

Small LED marker light

IP68 Submersible to 9m

1 yr 1-year guarantee

120° 0.5W 828 32°C 1/35°C 300g 0 70,000h 3SDCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 120° | GL018 C NW | >70Ra | 3 | 6 | 1 |
| 3000K | 120° | GL018 C WW | >80Ra | 3 | 6 | 1 |
| Amber | 120° | GL018 C AMBER | - | - | - | - |
| Blue | 120° | GL018 C BLUE | - | 1 | 2 | 1 |
| Green | 120° | GL018 C GREEN | - | - | - | - |
| Red | 120° | GL018 C RED | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|----|------|-------------------|--------------------|-----|-----|
| PS1524 | - | Yes | Yes (PDCINT1-10V) | 0 (1 when dimming) | 1 | 30 |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | 0 (1 when dimming) | 1 | 100 |
| PSDIP10024 | - | Yes | Yes (1-10V) | 0 (1 when dimming) | 1 | 200 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | Price |
|-----------------|--|---------|
| JB1 / JB5 / JB6 | IP68 waterproof connectors | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Frosted effect for softer tone of light
- > Robust cable for outdoor use
- > Shallow depth for easy installation
- > Solid brass for antique effect

GL018 C AB

Small antique brass LED marker light

IP68

Submersible to 9m

1 yr

1-year guarantee



Patent information: collingwoodlighting.com/patent

ZONE

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|------------------|-------|----|------|----------|
| 4000K | 120° | GL018 C AB NW | >70Ra | 3 | 6 | 1 |
| 3000K | 120° | GL018 C AB VW | >80Ra | 3 | 6 | 1 |
| Amber | 120° | GL018 C AB AMBER | - | - | - | - |
| Blue | 120° | GL018 C AB BLUE | - | - | - | - |
| Green | 120° | GL018 C AB GREEN | - | - | - | - |
| Red | 120° | GL018 C AB RED | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Brass |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

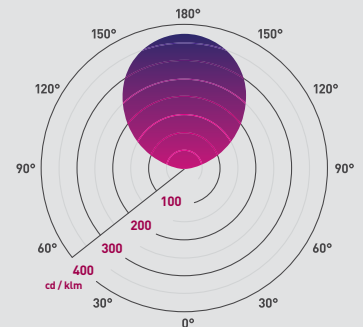
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|----|------|-------------------|--------------------|-----|-----|
| PS1524 | - | Yes | Yes (PDCINT1-10V) | 0 [1 when dimming] | 1 | 30 |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | 0 [1 when dimming] | 1 | 100 |
| PSDIP10024 | - | Yes | Yes (1-10V) | 0 [1 when dimming] | 1 | 200 |

For LED driver bathroom zone & additional LED drivers see page 264

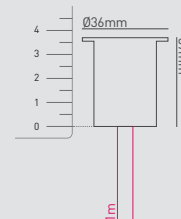
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB1 / JB5 / JB6 | IP68 waterproof connectors | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |



4000K 120°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

LED

collingwood lighting

874/2012





FEATURES & 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

GL018 SQ

Small square LED marker light

IP68 Submersible to 9m

1 yr 1-year guarantee



Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 120° | GL018 SQ NW | >70Ra | 3 | 6 | 1 |
| 3000K | 120° | GL018 SQ WW | >80Ra | 3 | 6 | 1 |
| Blue | 120° | GL018 SQ BLUE | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

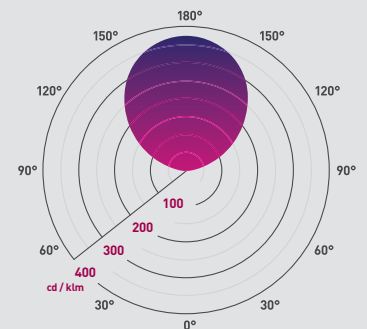
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|----|------|-------------------|--------------------|-----|-----|
| PS1524 | - | Yes | Yes (PDCINT1-10V) | 0 (1 when dimming) | 1 | 30 |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | 0 (1 when dimming) | 1 | 100 |
| PSDIP10024 | - | Yes | Yes (1-10V) | 0 (1 when dimming) | 1 | 200 |

For LED driver bathroom zone & additional LED drivers see page 264

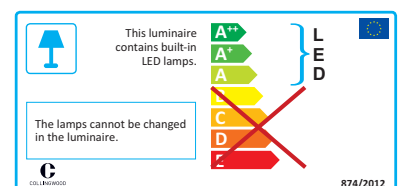
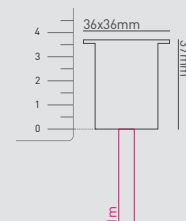
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB1 / JB5 / JB6 | IP68 waterproof connectors | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |



4000K 120°

Additional diagrams available at collingwoodlighting.com





COLLINGWOOD
LIGHTING



FEATURES & 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

GL018 T

Small panel mount LED marker light

IP68

Submersible to 9m

1 yr

1-year guarantee



Patent information: collingwoodlighting.com/patent

ZONE

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 120° | GL018 T NW | >70Ra | 3 | 6 | 1 |
| Blue | 120° | GL018 T BLUE | - | - | - | - |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

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

LED DRIVERS

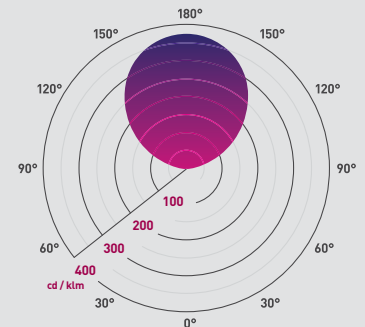
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|----|------|-------------------|--------------------|-----|-----|
| PS1524 | - | Yes | Yes (PDCINT1-10V) | 0 [1 when dimming] | 1 | 30 |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | 0 [1 when dimming] | 1 | 100 |
| PSDIP10024 | - | Yes | Yes (1-10V) | 0 [1 when dimming] | 1 | 200 |

For LED driver bathroom zone & additional LED drivers see page 264

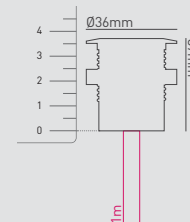
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB1 / JB5 / JB6 | IP68 waterproof connectors | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |



4000K 120°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

LED

874/2012





COLLINGWOOD
LIGHTING



TUBE/33 TUBE/50 TUBE/68



FEATURES & BENEFITS

- > Use in concrete as shutter / formwork
- > Use in slabs to retain soil / sand

TUBE/33 | TUBE/50 | TUBE/68

Installation tubes



TUBE/33



TUBE/50



TUBE/68

PRODUCT DATA

| | | |
|--------------|---------|----------|
| Product code | TUBE/33 | (Small) |
| | TUBE/50 | (Medium) |
| | TUBE/68 | (Large) |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
|-----------------------|--------------------|

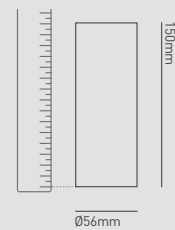
USE IN CONJUNCTION WITH

| TUBE/33 | TUBE/50 | TUBE/68 |
|----------|-----------------------|-----------------------|
| GL019 | 118 GL016 | 115 GL040 |
| GL019 LG | 119 GL016 F AB | 116 GL040CARGB |
| GL019 SQ | 120 GL016RGBW | 113 GL041 |
| | GL016 SQ | 116 GL050 |
| | GL021 | 117 GL050RGBW |
| | GL022 | 117 GL051 |
| | | GL090 |
| | | 112 GL090RGBW |
| | | 244 GL063 |
| | | 110 GL064 |

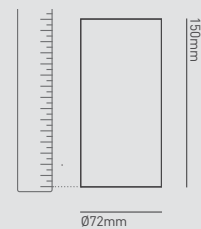
TUBE/33



TUBE/50



TUBE/68



WALL LIGHTS

To create secure and adventurous spaces



CHOOSE YOUR EFFECT & HOW TO CREATE IT

Highlight a great piece of 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 the effect using...



WL070A

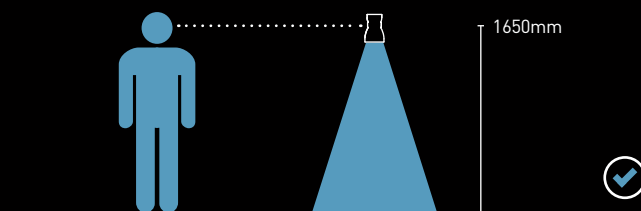
This up / down light produces a narrow and concentrated beam of light upwards and downwards. Best viewed from a distance and where there is more height to allow you to appreciate the full effect of the columns of light, these fittings are great for framing doors and windows and other features.



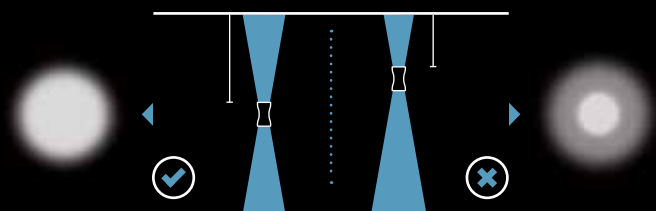
WL075A

The narrow, intense beam of this wall light will enhance the texture of the surface upon which it is mounted. It works very well on uneven stone and provides plenty of contrast between areas of light and shade. Anything directly in the beam of the fitting will be spot-lit, making it into a feature.

POSITIONING OF LIGHTS



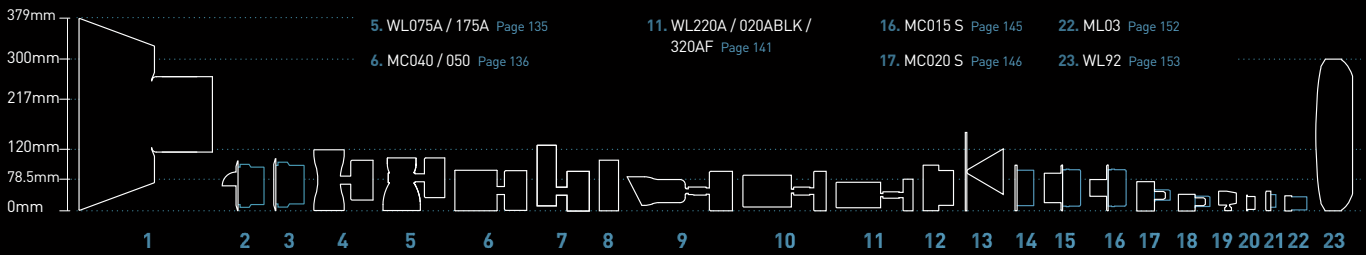
A general guide for the height of wall lights is 1650mm from floor / ground level (roughly eye level to a person of 5ft 8in).



To avoid hot spots when using up / down lights to frame doors and windows with attractive columns of light, ensure they are not positioned too close to the ceiling or other horizontal surfaces. Also, remember to check what will be highlighted by your fitting, above or below.

SIZE COMPARISON

- | | | | |
|---|---------------------------------------|----------------------|------------------------------------|
| 1. WL261 / 262 Page 130 | 7. WL060 / 160 Page 137 | 12. WL041IP Page 142 | 18. MC010 S Page 147 |
| 2. GL034A Page 131 | 8. OCTOLED Page 138 | 13. WL80 Page 143 | 19. MF02 IP / MS02 IP Page 148-149 |
| 3. WL339 / 340 / 341 / 342 Page 132-133 | 9. WL240A F / 140A F Page 139 | 14. WL050 Page 144 | 20. ML01 Page 150 |
| 4. WL070A / 170A / 370A Page 134 | 10. WL220A MAINS Page 140 | 15. MC025 S Page 145 | 21. ML02 Page 151 |
| 5. WL075A / 175A Page 135 | 11. WL220A / 020ABLK / 320AF Page 141 | 16. MC015 S Page 145 | 22. ML03 Page 152 |
| 6. MC040 / 050 Page 136 | | 17. MC020 S Page 146 | 23. WL92 Page 153 |



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



MC050

If you want to mix practicality with a touch of drama, this fitting does the job. Its wide-angle downwards beam lights a broad area while the narrow flume of up-light creates visual interest and adds a touch of glamour.



MC040

This clean, contemporary looking fitting provides a broad spread of light. It is great for lighting the threshold of any doorway and providing some general illumination as well as highlighting plants below.



WL060

This fitting provides a diffused general light from its top, providing a decorative feel, and a good broad spread of down-light which will light the threshold of your doorway. Ensuring both comfort and safety, as well as highlighting any pots or planting which may be positioned below.

QUALITY OF PRODUCT



The range also offers recessed wall fittings providing options for path and step lighting, indoors and out. To light pathways and steps mount these wall fittings 200-300mm above surface level to spread light across the step or path.

You can be confident that your outdoor lighting will stand up to all types of weather. Collingwood wall lights are made from marine grade stainless steel, anodised aluminium or copper and backed up with an exceptional warranty wherever you see the symbols below. Whether your lighting project is indoors or outdoors, large or small, add the wow factor with Collingwood wall lights.





COLLINGWOOD
LIGHTING



WL070A
For size reference only

FEATURES & BENEFITS

- > IP mains connector included
- > Complete with wall fixings
- > Matt silver, sand blasted & anodised finish ensuring longevity
- > Low glare

WL261 | WL262

Large, straight to mains, one way LED wall light | Large, straight to mains up, / down LED wall light



Suitable for use outdoors



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

WL261

WL262

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|----|-------|-------|------|----------|
| 4000K | 38° | WL261FNW | 22 | >80Ra | 1500 | 68 | 3786 |
| | 18° | WL261SNW* | 22 | >80Ra | 1500 | 68 | 11695 |
| | 38° | WL262FNW | 40 | >80Ra | 3000* | 75 | 3786* |
| 3000K | 18° | WL262SNW* | 40 | >80Ra | 3000* | 75 | 11695* |
| | 38° | WL261FWW | 22 | >80Ra | 1350 | 61 | 3315 |
| | 18° | WL261SFWW* | 22 | >80Ra | 1350 | 61 | 9154 |
| 3000K | 38° | WL262FWW | 40 | >80Ra | 2700* | 68 | 3315* |
| | 18° | WL262SFWW* | 40 | >80Ra | 2700* | 68 | 9154* |

* Spot version to order only, 90-day lead time | * Combined total from both sets of LED | * Per module

GENERAL

| | |
|-----------------------|---|
| Building regulations | P (electrical separated) & L (conservation of energy) |
| Construction material | Anodised aluminium |
| Inrush current | 45A 0.02ms |

WIRING

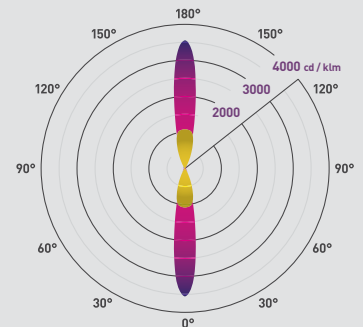
| | |
|-------------------------|--|
| Cable / flying lead | Supplied with 2pc male / female IP65 connector, 5-9mm cable outer diameter |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

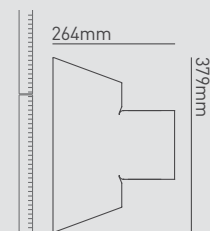
ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



WL262 4000K 18° / 4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

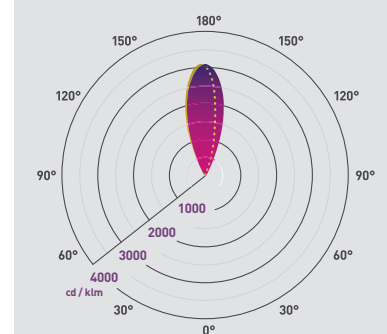
- › Equivalent to 20W halogen
- › Straight to mains for easy installation and retrofitting
- › Installation tube included
- › 1m H05RN-F rubber cable attached for permanent use outdoors

GL034A

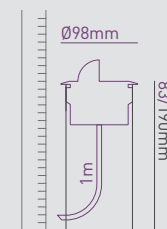
Straight to mains hooded LED wall / ground light

- IP67** Protected against temporary immersion
- G** 7-year extended warranty available

Patent information: collingwoodlighting.com/patent ZONE L70, B10 3SDCM



4000K 38° C0/C180 / 4000K 38° C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+
A
A
C
D
F

LED

874/2012

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 38° | GL034A NW | >70Ra | 193 | 54 | 478 |
| 3000K | 38° | GL034A WW | >80Ra | 121 | 34 | 186 |

GENERAL

| | |
|-----------------------|--|
| Construction material | Stainless steel 316 (top) / aluminium (body) |
| Inrush current | 9A 0.8ms |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 1m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description | |
|----------------------------|--------------------------------|-----|
| Installation tube included | | |
| JB5 | Gel filled junction box | 281 |
| WC 5-9 | Quick release waterproof joint | 280 |



COLLINGWOOD
LIGHTING

WL339



WL340



FEATURES & BENEFITS

- › Can be used as a wall light or ground light
- › Straight to mains
- › Installation tube included
- › 1m H05RN-F rubber cable attached for permanent use outdoors

WL339 | WL340

Asymmetric, straight to mains, cast finish step light | Asymmetric, straight to mains, brush finish step light

IP67 Protected against temporary immersion | **G** 7-year extended warranty available

50° | 2.6W | 240V | 880 | 30°C | ±35°C | 1kg | 2 | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 50° | WL339NW | >70Ra | 59 | 22 | 65 |
| | 50° | WL340NW | >70Ra | 59 | 22 | 65 |
| 3000K | 50° | WL339WW | >80Ra | 50 | 19 | 54 |
| | 50° | WL340WW | >80Ra | 50 | 19 | 54 |

GENERAL

| | |
|-----------------------|---------------------|
| Construction material | Stainless steel 316 |
| Inrush current | 9A 0.8ms |

WIRING

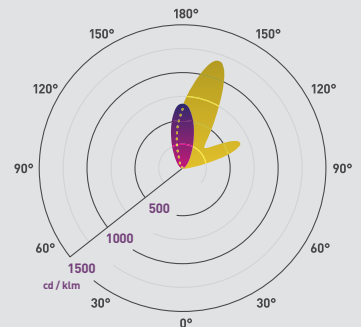
| | |
|-------------------------|---|
| Cable / flying lead | 1m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

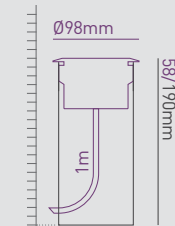
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description | |
|----------------------------|---------------------------------|-----|
| Installation tube included | | |
| JB5 | Gel filled waterproof connector | 281 |
| WC 5-9 | Quick release waterproof joint | 280 |



4000K 50° C0/C180 / 4000K 50° C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012



COLLINGWOOD
LIGHTING

WL341



WL342



FEATURES & BENEFITS

- › Can be used as a wall light or ground light
- › Straight to mains for easy installation
- › Installation tube included
- › 1m H05RN-F rubber cable attached for permanent use outdoors



WL341 | WL342

Asymmetric, straight to mains, cast finish step light | Asymmetric, straight to mains, brush finish step light



Protected against temporary immersion



7-year extended warranty available



ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 50° | WL341NW | >70Ra | 59 | 22 | 65 |
| | 50° | WL342NW | >70Ra | 59 | 22 | 65 |
| 3000K | 50° | WL341WW | >80Ra | 50 | 19 | 54 |
| | 50° | WL342WW | >80Ra | 50 | 19 | 54 |

GENERAL

| | |
|-----------------------|---------------------|
| Construction material | Stainless steel 316 |
| Inrush current | 9A 0.8ms |

WIRING

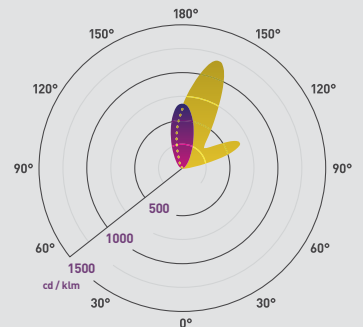
| | |
|-------------------------|---|
| Cable / flying lead | 1m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

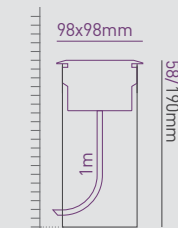
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description | |
|----------------------------|--------------------------------|-----|
| Installation tube included | | |
| JB5 | Gel filled junction box | 281 |
| WC 5-9 | Quick release waterproof joint | 280 |



4000K 50° C0/C180 / 4000K 50° C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A+ (LED)

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Complete with wall fixings and waterproof crimp connectors
- > Equivalent to 35W halogen
- > Copper for antique effect (WL370A)



WL070A | WL170A | WL370A

Straight to mains, up / down LED wall light



Suitable for use outdoors



7-year extended warranty available



Also available in RGBW (WL070A) See page 248



Patent information: collingwoodlighting.com/patent

WL070A / WL170A

WL370A

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----------|------|----------|
| 4000K | 18° | WL070A NW | >70Ra | 472* 236* | 59 | 1000 |
| | 18° | WL170A NW | >70Ra | 472* 236* | 59 | 1000 |
| | 18° | WL370A NW | >70Ra | 472* 236* | 59 | 1000 |
| 3000K | 18° | WL070A WW | >80Ra | 400* 200* | 50 | 900 |
| | 18° | WL170A WW | >80Ra | 400* 200* | 50 | 900 |
| | 18° | WL370A WW | >80Ra | 400* 200* | 50 | 900 |

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

GENERAL

| | | |
|-----------------------|-------------------------------------|----------------|
| Construction material | WL070A / WL170A: anodised aluminium | WL370A: copper |
| Inrush current | 5A 0.5ms | |

WIRING

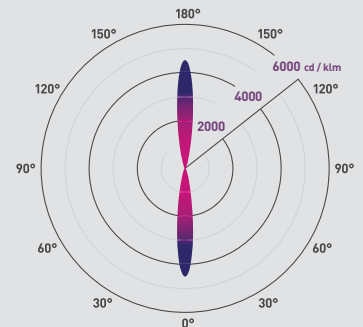
| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | 0.3m Live, Neutral & Earth |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

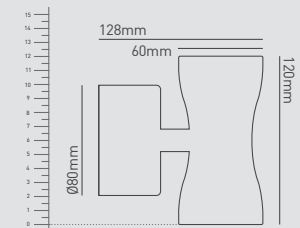
ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



4000K 18°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++

LED

874/2012



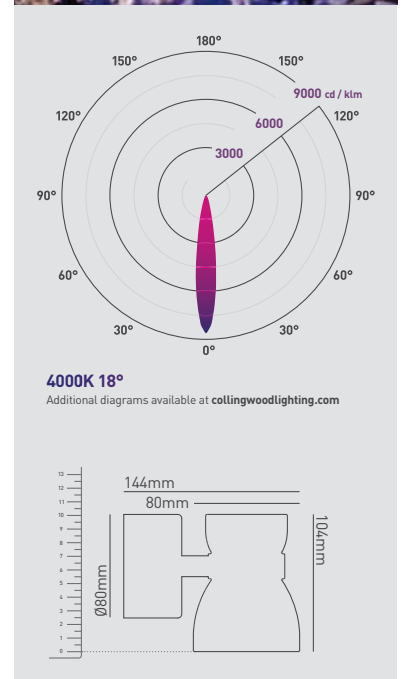


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Complete with wall fixings and waterproof crimp connectors
- › Equivalent to 35W halogen



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A+
A
A
C
D
E

874/2012

WL075A | WL175A

Straight to mains, high output LED wall light



Suitable for use outdoors



7-year extended warranty available



Also available in RGB (WL075A) See page 249



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 18° | WL075A NW | >70Ra | 414 | 52 | 4680 |
| | 18° | WL175A NW | >70Ra | 414 | 52 | 4680 |
| 3000K | 18° | WL075A WW | >80Ra | 330 | 41 | 4440 |
| | 18° | WL175A WW | >80Ra | 330 | 41 | 4440 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 15A 0.5ms |

WIRING

| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | 0.3m Live, Neutral & Earth |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

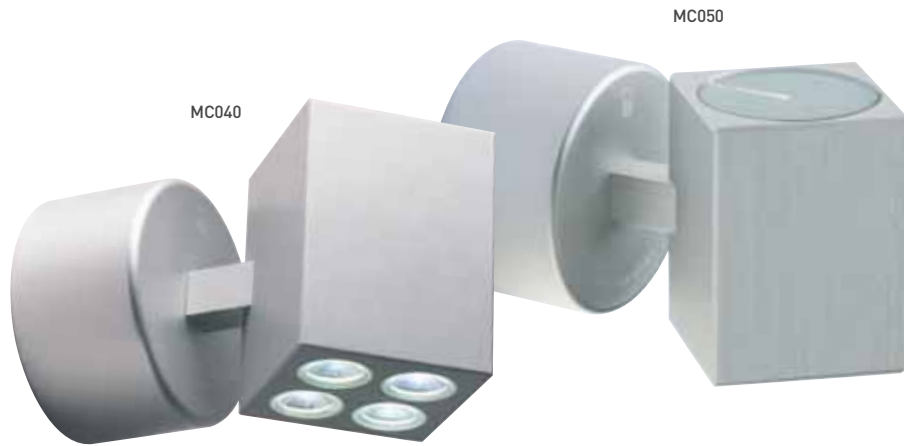
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | Yes | 2 | - | - |

ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Complete with wall fixings and waterproof crimp connectors
- Integral LED light for decorative effect (MC050)
- Equivalent to 35W halogen



MC040 | MC050

Straight to mains LED wall light | Straight to mains LED wall light with decorative effect



Suitable for use outdoors



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|-----|------|----------|
| 4000K | 110° | MC040 NW | 5 | >70Ra | 312 | 62 | 163 |
| | 110° | MC050 NW | 6.5 | >70Ra | 312 | 48 | 163 |
| 3000K | 110° | MC040 WW | 5 | >80Ra | 243 | 48 | 118 |
| | 110° | MC050 WW | 6.5 | >80Ra | 243 | 37 | 118 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 9A 0.8ms |

WIRING

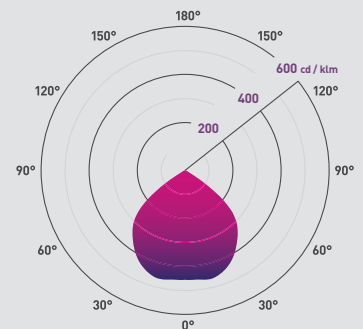
| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | 0.3m Live, Neutral & Earth |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

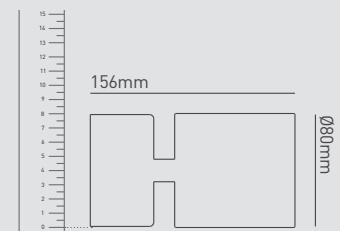
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



MC040 4000K 110°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

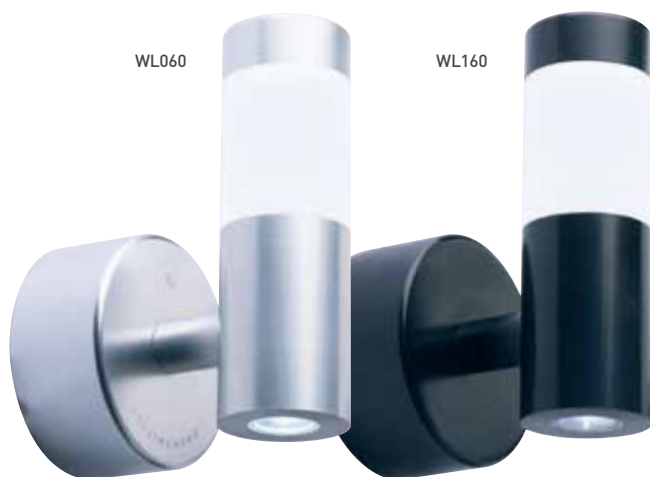
Energy efficiency class: A++

LED

874/2012

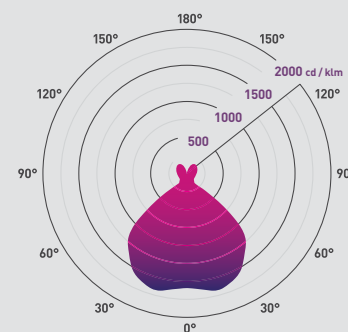


COLLINGWOOD
LIGHTING

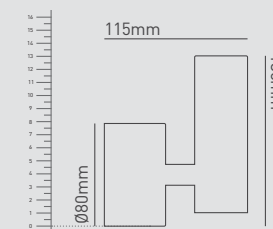


FEATURES & BENEFITS

- › Complete with wall fixings and waterproof crimp connectors
- › Halo effect for decoration
- › LED flood light for illumination



4000K 110°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012

WL060 | WL160

Straight to mains LED halo / flood wall light



Suitable for use outdoors



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 110° | WL060 NW | >70Ra | 82 | 32 | 46 |
| | 110° | WL160 NW | >70Ra | 82 | 32 | 46 |
| 3000K | 110° | WL060 WW | >80Ra | 58 | 22 | 26 |
| | 110° | WL160 WW | >80Ra | 58 | 22 | 26 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 9A 0.8ms |

WIRING

| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | 0.3m Live, Neutral & Earth |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Can be rotated to direct light
- > Complete with wall fixings

OCTOLED

Rotatable, octagonal LED wall light



Suitable for use outdoors



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 12° | OCTOLEDNW | >70Ra | 280 | 70 | 1485* |
| 3000K | 12° | OCTOLEDWW | >80Ra | 220 | 55 | 1466* |

* From four sides

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 0.05m (0.205mm² red & black PTFE)

Type of wiring required: Series

LED DRIVERS

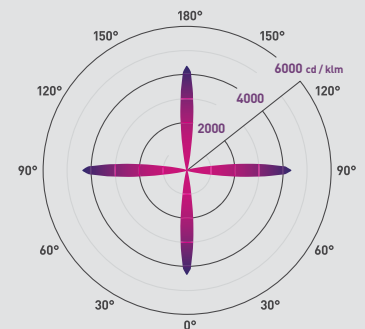
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 2 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 264

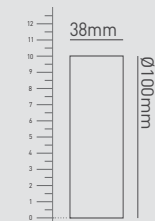
ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 12°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012





COLLINGWOOD
LIGHTING

WL140A F

WL240A F



FEATURES & BENEFITS

- › Equivalent to 35W halogen
- › Complete with wall fixings and waterproof crimp connectors
- › Adjustable angle to direct light
- › Cowl design to reduce glare
- › Suitable for indoor and outdoor use

WL140A F | WL240A F

Straight to mains LED wall light



Suitable for use outdoors



7-year extended warranty available



8W



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 38° | WL140AFNW | >70Ra | 421 | 53 | 1340 |
| | 38° | WL240AFNW | >70Ra | 421 | 53 | 1340 |
| 3000K | 38° | WL140AFWW | >80Ra | 342 | 43 | 952 |
| | 38° | WL240AFWW | >80Ra | 342 | 43 | 952 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 15A 0.5ms |

WIRING

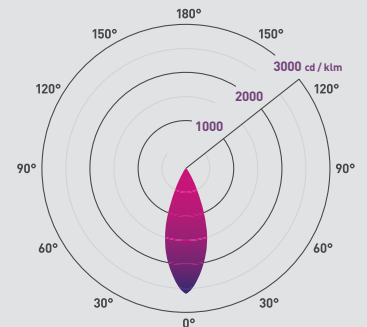
| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | 0.3m Live, Neutral & Earth |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | Yes | 2 | - | - |

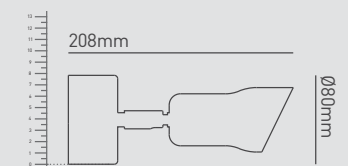
ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A+ (LED)

874/2012

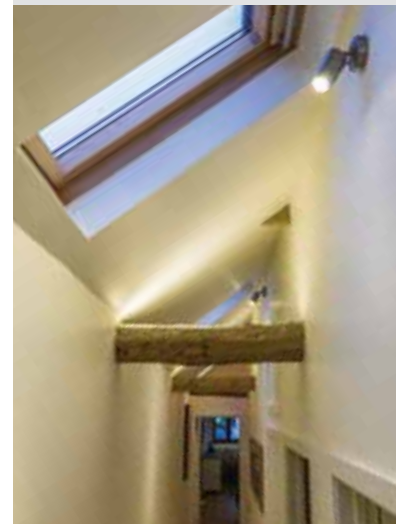


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Equivalent to 20W halogen
- › Complete with wall fixings and waterproof crimp connectors
- › Adjustable angle to direct light
- › Suitable for indoor and outdoor use



WL220A MAINS

Straight to mains LED wall light



Suitable for use outdoors



3-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------------|-------|-----|------|----------|
| 4000K | 38° | WL220A MAINS F NW | >70Ra | 243 | 68 | 887 |
| | 18° | WL220A MAINS S NW | >70Ra | 276 | 77 | 3051 |
| 3000K | 38° | WL220A MAINS F WW | >80Ra | 180 | 50 | 420 |
| | 18° | WL220A MAINS S WW | >80Ra | 180 | 50 | 1667 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 9A 0.8ms |

WIRING

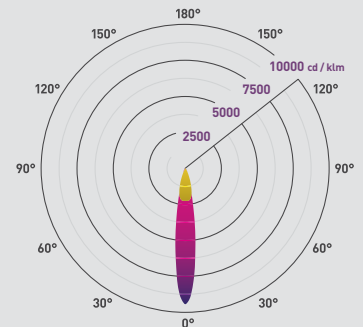
| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | 0.3m Live, Neutral & Earth |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

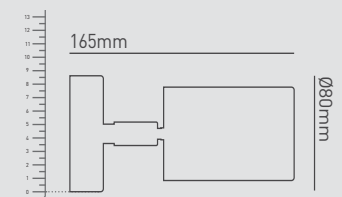
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



4000K 18° / 4000K 38°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

A++

A+

A

B

C

D

E

}

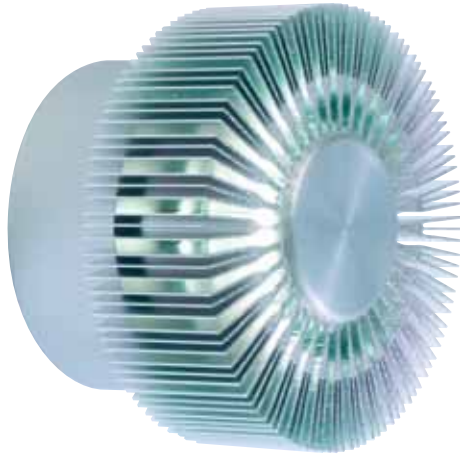
LED

The lamps cannot be changed in the luminaire.

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Fan effect creates decorative feature
- > Straight to mains
- > Complete with bracket and waterproof crimp connectors



WL041IP

Straight to mains, fan effect LED wall light



Suitable for use outdoors



7-year extended warranty available

1.6W

240V

25°C

±35°C

300g

2

70,000h

3SDCM

Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Product code | CRI | lm | lm/W | lx at 1m |
|--------|----------------|-------|----|------|----------|
| 4000K | WL041 IP NW | >70Ra | 37 | 23 | 8 |
| 3000K | WL041 IP WW | >80Ra | 33 | 21 | 6 |
| Amber | WL041 IP AMBER | - | - | - | - |
| Blue | WL041 IP BLUE | - | - | - | - |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 9A 0.8ms |

WIRING

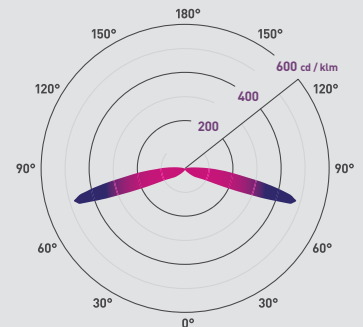
| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | - |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | 2 | - | - |

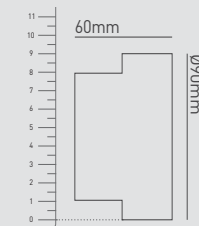
ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



4000K

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

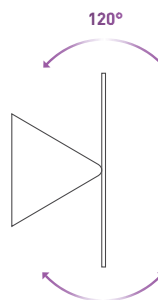
A++ A+ A B C D E

LED

874/2012

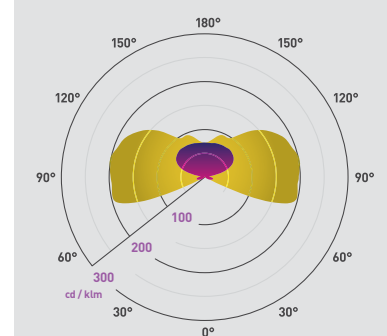


COLLINGWOOD
LIGHTING

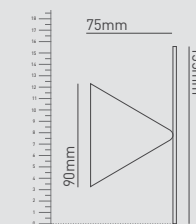


FEATURES & BENEFITS

- › Tilttable LED wall light
- › Direct light towards the ceiling to flood the room with light
- › Direct light towards the floor for low level lighting
- › Direct light evenly up and down



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



WL80

Straight to mains, tilttable LED wall light

IP20

Suitable for use indoors

3 yr

3-year guarantee

7.1W

4000K

5.4W

3000K

240V

120°

25°C

40°C

500g

30,000h

PHOTOMETRICS @ 25°C

| Colour | Adjustable | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|------|------|----------|
| 4000K | Adjustable | WL80GX0X40 | 7.1 | >85Ra | 385* | 54 | 49† |
| 3000K | Adjustable | WL80GX0X30 | 5.4 | >85Ra | 325* | 60 | 49† |

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

GENERAL

| | |
|-----------------------|---------------|
| Construction material | Aluminium |
| Inrush current | 0.7A, 0.025ms |

WIRING

| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | - |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+ A A C D E

LED

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Plug & Play connector for quick installation
- › Wall box available



WL050

LED wall / step light

IP20

Suitable for use indoors

1 yr

1-year guarantee



35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 84° | WL050 NW | >80Ra | 62 | 52 | 23 |
| 3000K | 84° | WL050 WW | >80Ra | 29 | 24 | 13 |
| Blue | 84° | WL050 BLUE | - | - | - | - |

GENERAL

| | |
|-----------------------|-----------|
| Construction material | Aluminium |
|-----------------------|-----------|

WIRING

| | |
|-------------------------|--|
| Cable / flying lead | 0.3m [0.205mm ² red & black PTFE] |
| Type of wiring required | Series (Plug & Play) |

NB: Removal of plugs will render this product non-returnable

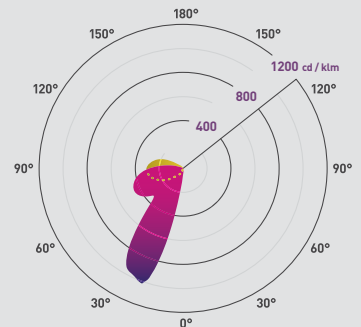
LED DRIVERS

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|------|-------------|---------------|-----|-----|
| PLU/PP/350 1-9 (Plug & Play) | 350 | Yes | No | - | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | - | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | - | 1 | 10 |

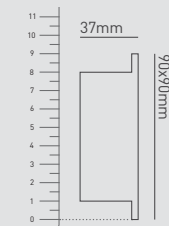
For additional LED drivers see page 264

ACCESSORIES

| Product code | Description | Price |
|--------------------|--|-------|
| WL050 WALL BOX | Wall box for WL050 | 155 |
| LED LYTE 1M EXT | 1m Plug & Play extension lead | 215 |
| LED LYTE 6 WAY EXT | 6-way 1m Plug & Play extension lead | 215 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 84° C0/C180 / 4000K 84° C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

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LIGHTING



FEATURES & BENEFITS

- › Straight to mains
- › Complete with wall fixings and waterproof crimp connectors
- › Pattress box included



MC015 S | MC025 S

Straight to mains mini LED cube wall light | Straight to mains, up / down mini LED cube wall light

IP20 Suitable for use indoors

G 7-year extended warranty available

| | | | | | | | | | |
|-------|-------|-------|-------|----------|-------|--|--|--|--|
| | | | | | | | | | |
| MC015 | MC025 | MC015 | MC025 | L70, B10 | 35DCM | | | | |

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|-----|------|----------|
| 4000K | 12° | MC015 S NW | 1.5 | >70Ra | 70 | 47 | 1485 |
| | 12° | MC025 S NW | 2.3 | >70Ra | 140 | 61 | 1485 |
| 3000K | 12° | MC015 S VW | 1.5 | >80Ra | 55 | 37 | 1466 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 9A 0.8ms |

WIRING

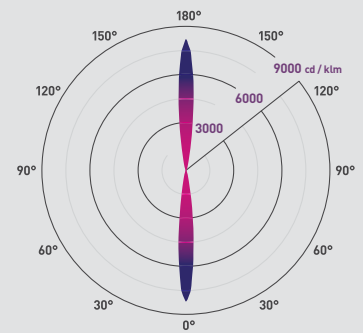
| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | - |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

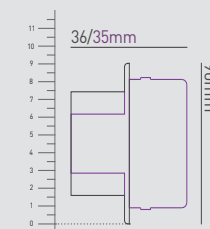
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



MC025 S 4000K 12°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+
A
A
C
D
F

LED

874/2012



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LIGHTING



FEATURES & BENEFITS

- › Bespoke wall plug for easy installation
- › Quality brushed aluminium finish
- › Requires 20mm drill



MC020 S

Up / down mini cuboid LED wall light



Suitable for use outdoors



7-year extended warranty available



ZONE L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|-----|------|----------|
| 4000K | 12° | MC020 S NW | >70Ra | 140 | 70 | 1485 |
| 3000K | 12° | MC020 S WW | >80Ra | 110 | 55 | 1466 |
| Amber | 12° | MC020 S AMBER | - | - | - | - |
| Blue | 12° | MC020 S BLUE | - | - | - | - |
| Green | 12° | MC020 S GREEN | - | - | - | - |
| Red | 12° | MC020 S RED | - | - | - | - |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 0.15m (0.205mm² red & black PTFE)

Type of wiring required Series

LED DRIVERS

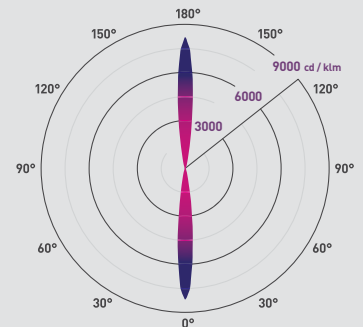
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 4 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 2 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 5 |

For LED driver bathroom zone & additional LED drivers see page 264

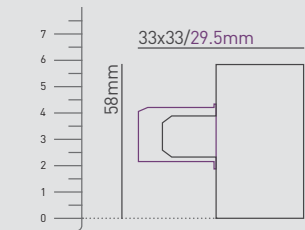
ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| CR135 | PTFE cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| UY2 CONNECTOR | Quick waterproof connector | 280 |



4000K 12°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Bespoke wall plug for easy installation
- › Quality brushed aluminium finish
- › Requires 20mm drill



MC010 S

Mini cube LED wall light



Suitable for use outdoors



7-year extended warranty available



ZONE L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 12° | MC010 S NW | >70Ra | 70 | 70 | 1485 |
| 3000K | 12° | MC010 S VW | >80Ra | 55 | 55 | 1466 |
| Amber | 12° | MC010 S AMBER | - | - | - | - |
| Blue | 12° | MC010 S BLUE | - | - | - | - |
| Green | 12° | MC010 S GREEN | - | - | - | - |
| Red | 12° | MC010 S RED | - | - | - | - |

GENERAL

Construction material Anodised Aluminium

WIRING

Cable / flying lead 0.15m (0.205mm² red & black PTFE)

Type of wiring required Series

LED DRIVERS

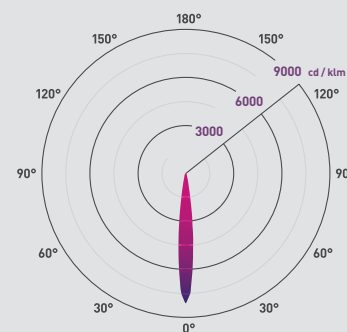
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

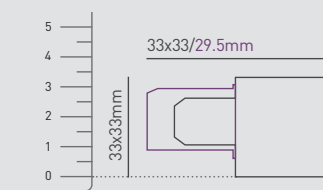
ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| CR135 | PTFE cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| UY2 CONNECTOR | Quick waterproof connector | 280 |



4000K 12°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

A+

A+

A

A

B

C

D

E

} LED

The lamps cannot be changed in the luminaire.

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LIGHTING



FEATURES & BENEFITS

- › Mounting plates available
- › Can be rotated and angled to direct light



MF02 IP

Adjustable LED mini light



Suitable for use outdoors



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 16° | MF02 IP NW | >70Ra | 66 | 66 | 452 |
| 3000K | 16° | MF02 IP WW | >80Ra | 53 | 53 | 252 |
| Amber | 16° | MF02 IP AMBER | - | - | - | - |
| Blue | 16° | MF02 IP BLUE | - | - | - | - |
| Green | 16° | MF02 IP GREEN | - | - | - | - |
| Red | 16° | MF02 IP RED | - | - | - | - |

GENERAL

Construction material: Stainless steel (316)

WIRING

Cable / flying lead: 0.15m (0.205mm² red & black PTFE)

Type of wiring required: Series

LED DRIVERS

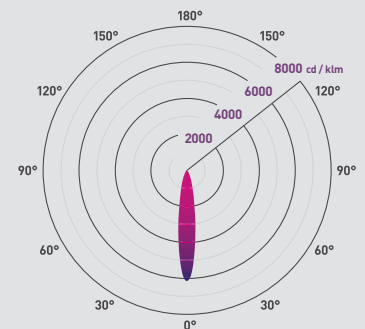
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

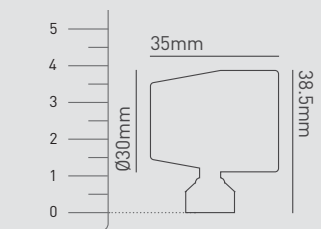
ACCESSORIES

| Product code | Description | |
|-------------------|--|-----|
| WB/M 01 / WB/M 02 | Single bracket / double bracket | 154 |
| CR135 | PTFE cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| UY2 CONNECTOR | Quick waterproof connector | 280 |



4000K 16°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red).

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FEATURES & BENEFITS

- › Mounting plates available
- › Can be rotated and angled to direct light



MS02 IP

Adjustable LED mini light

- IP65** Suitable for use outdoors
- G** 7-year extended warranty available

- 12°
 - 1W
 - 45°
 - 360°
 - <35°C
 - 35°C
 - 90g
 - 1
 - 70,000h
 - 3SDCM
- Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 12° | MS02 IP NW | >70Ra | 73 | 73 | 2160 |
| 3000K | 12° | MS02 IP WW | >80Ra | 50 | 50 | 2000 |
| Amber | 12° | MS02 IP AMBER | - | - | - | - |
| Blue | 12° | MS02 IP BLUE | - | - | - | - |
| Green | 12° | MS02 IP GREEN | - | - | - | - |
| Red | 12° | MS02 IP RED | - | - | - | - |

GENERAL

Construction material: Stainless steel (316)

WIRING

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

LED DRIVERS

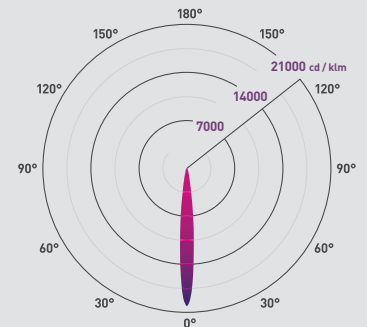
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

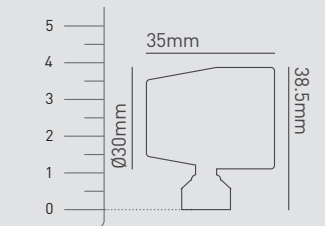
ACCESSORIES

| Product code | Description | |
|-------------------|--|-----|
| WB/M 01 / WB/M 02 | Single bracket / double bracket | 154 |
| CR135 | PTFE cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| UY2 CONNECTOR | Quick waterproof connector | 280 |



4000K 12°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A+ A A C D E

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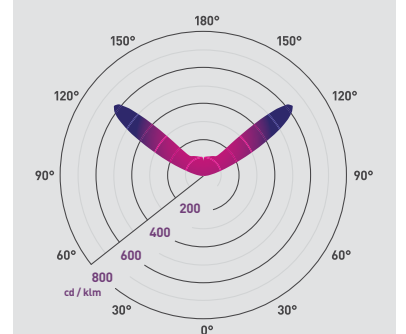


COLLINGWOOD
LIGHTING



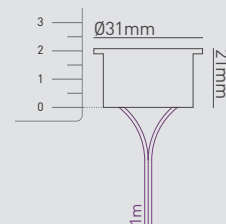
FEATURES & BENEFITS

› Small & discreet decorative LED light



4000K

Additional diagrams available at collingwoodlighting.com



ML01

Decorative LED mini light



Submersible to 9m



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------------|-------|-----|------|----------|
| 4000K | ML01 NW | >70Ra | 4 | 4 | 0 |
| 3000K | ML01 WW | >80Ra | 3.6 | 3 | 0 |
| Amber | ML01 AMBER | - | - | - | - |
| Blue | ML01 BLUE | - | - | - | - |
| Green | ML01 GREEN | - | - | - | - |
| Red | ML01 RED | - | - | - | - |

GENERAL

Construction material: Stainless steel (316)

WIRING

Cable / flying lead: 1m (0.205mm² red & black PTFE)

Type of wiring required: Series

LED DRIVERS

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| CR135 | 0.205mm ² PTFE cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| UY2 CONNECTOR | Quick waterproof connector | 280 |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012



FEATURES & BENEFITS

- › Clear epoxy lenses
- › Small & discreet for decorative effect



ML02

Decorative LED mini light

- IP68** Submersible to 9m
- G** 7-year extended warranty available

- 1W**
- Ø26**
- 41°C**
- 1/35°C**
- 90g**
- 0** ZONE
- 70,000h** L70, B10
- 35DCM**

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------------|-------|----|------|----------|
| 4000K | ML02 NW | >70Ra | 35 | 35 | 4 |
| 3000K | ML02 WW | >80Ra | 24 | 24 | 3 |
| Amber | ML02 AMBER | - | - | - | - |
| Blue | ML02 BLUE | - | - | - | - |
| Green | ML02 GREEN | - | - | - | - |
| Red | ML02 RED | - | - | - | - |

GENERAL

Construction material: Stainless steel (316)

WIRING

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

LED DRIVERS

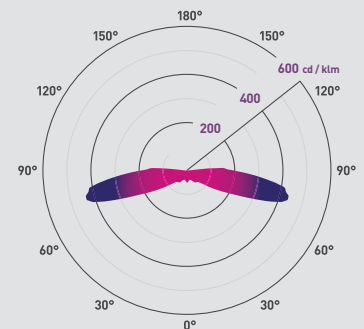
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 0 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 266

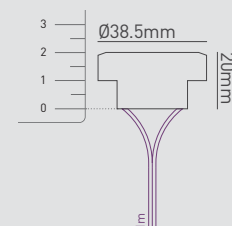
ACCESSORIES


| Product code | Description | |
|-----------------|--|-----|
| CR135 | PTFE cable | 283 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 282 |
| UY2 CONNECTOR | Quick waterproof connector | 282 |



4000K

Additional diagrams available at collingwoodlighting.com





This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+AAABCDE

}

LED

874/2012



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LIGHTING



FEATURES & BENEFITS

- › Low glare, suitable for stair lighting
- › Small & discreet for decorative effect



ML03

Mini halo LED wall light

IP65

Suitable for use outdoors



7-year extended warranty available

1W

Ø26

36°C

30°C

50g

1

70,000h

3SDCM

Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------------|-------|----|------|----------|
| 4000K | ML03 NW | >70Ra | 40 | 40 | 4 |
| 3000K | ML03 WW | >80Ra | 28 | 28 | 3 |
| Amber | ML03 AMBER | - | - | - | - |
| Blue | ML03 BLUE | - | - | - | - |
| Green | ML03 GREEN | - | - | - | - |
| Red | ML03 RED | - | - | - | - |

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 1m (0,205mm² red & black PTFE)

Type of wiring required: Series

LED DRIVERS

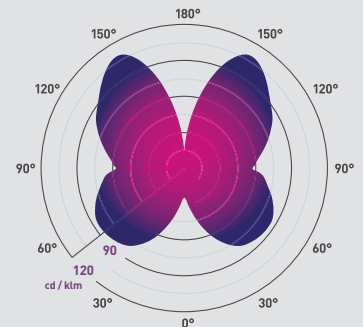
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

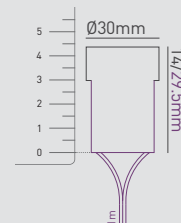
ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| CR135 | PTFE cable | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| UY2 CONNECTOR | Quick waterproof connector | 280 |



4000K

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012





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LIGHTING



Ø300mm



FEATURES & BENEFITS

- › Ideal for corridors, stairwells, high traffic and general areas
- › High efficacy of up to 111lm/W
- › Emergency and microwave sensor versions available
- › Emergency version exceeds min. requirement for light output
- › Class II (no earth required)
- › Earth terminal provided for earth termination (if required)

WL92

Straight to mains, general purpose LED bulkhead

- IP65** Suitable for use outdoors
- EM** Emergency versions available
- Microwave sensor version available
- 3 yr** 3-year guarantee

- 110°
- 14.6W
- 240V
- 25°C
- 40°C
- IK08
- 900g
- 2
- 25,000h

ZONE

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 110° | WL92KC1X40 | >85Ra | 1620 | 111 | 612 |
| 3000K | 110° | WL92KC1X30 | >85Ra | 1450 | 99 | 547 |

MICROWAVE SENSOR OPTION PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 110° | WL92KC1S40 | >85Ra | 1620 | 111 | 612 |
| 3000K | 110° | WL92KC1S30 | >85Ra | 1450 | 99 | 547 |

EMERGENCY PACK SERVICE OPTION PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 110° | WL92KC1E40 | >85Ra | 1620 | 162* | 111 |
| 3000K | 110° | WL92KC1E30 | >85Ra | 1450 | 145* | 99 |

* Operating lumens in maintained emergency mode

GENERAL

| | |
|-----------------------|--------------|
| Construction material | PMMA plastic |
| Inrush current | 7.1A, 0.05ms |

WIRING

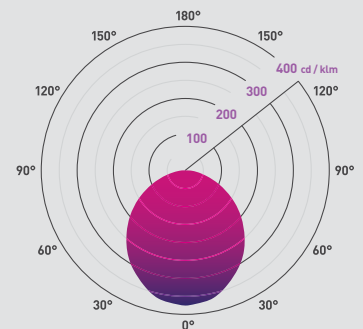
| | |
|-------------------------|---------------------------------------|
| Cable / flying lead | Push-fit terminals 1.5mm Max |
| Type of wiring required | Parallel (mains) 220-240V AC, 50-60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|-----------------------------|----|---------|---------------|-----|-----|
| N/A (integrated LED driver) | - | No | 2 | - | - |

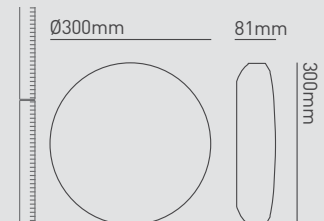
ACCESSORIES

| Product code | Description |
|---|-------------|
| There are currently no accessories associated with this product | |



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency scale: A+, A, A, C, D, E. LED is indicated.

874/2012



WB/M 01

Bracket for MF02 IP & MS02 IP

| | |
|-----------------------|---------------------|
| Product Code | WB/M01 |
| Construction material | Stainless steel 316 |
| Guarantee | 1-year |

WB/M 02

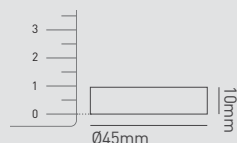
Bracket for MF02 IP & MS02 IP

| | |
|-----------------------|---------------------|
| Product Code | WB/M02 |
| Construction material | Stainless steel 316 |
| Guarantee | 1-year |

USE IN CONJUNCTION WITH

| | |
|---------|-----|
| MF02 IP | 148 |
| MS02 IP | 149 |

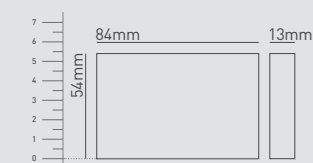
› Complete with wall fixings



USE IN CONJUNCTION WITH

| | |
|---------|-----|
| MF02 IP | 148 |
| MS02 IP | 149 |

› Complete with wall fixings



WB/M 02/30°

Angled double bracket for MF02 IP & MS02 IP

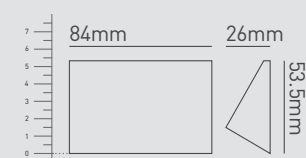
| | |
|-----------------------|---------------------|
| Product Code | WB/M 02/30 DEGREE |
| Construction material | Stainless steel 316 |
| Guarantee | 1-year |

USE IN CONJUNCTION WITH

| | |
|----------|-----|
| MF02 IP | 148 |
| MS02 IP | 149 |
| WB/M BOX | 154 |

› Complete with wall fixings

› 30° angle





WB/M BOX

Back box for WB/M 02/30°

WL050 WALL BOX

Wall box for WL050



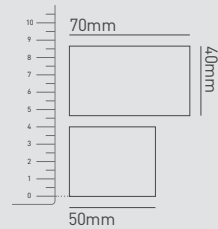
| | |
|-----------------------|----------|
| Product Code | WB/M BOX |
| Construction material | Steel |
| Guarantee | 1-year |

| | |
|-----------------------|----------------|
| Product Code | WL050 WALL BOX |
| Construction material | Steel |
| Guarantee | 1-year |

USE IN CONJUNCTION WITH

| | |
|-------------|-----|
| PS288 | 276 |
| WB/M 02/30° | 154 |

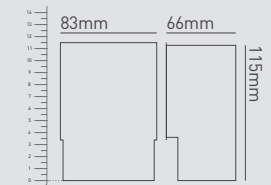
- > Pattress box wall bracket
- > Contains earth connector to house LED Driver



USE IN CONJUNCTION WITH

| | |
|-------|-----|
| WL050 | 144 |
|-------|-----|

- > Wall box does not contain an earth terminal, therefore you should not place LED driver into bottom of unit



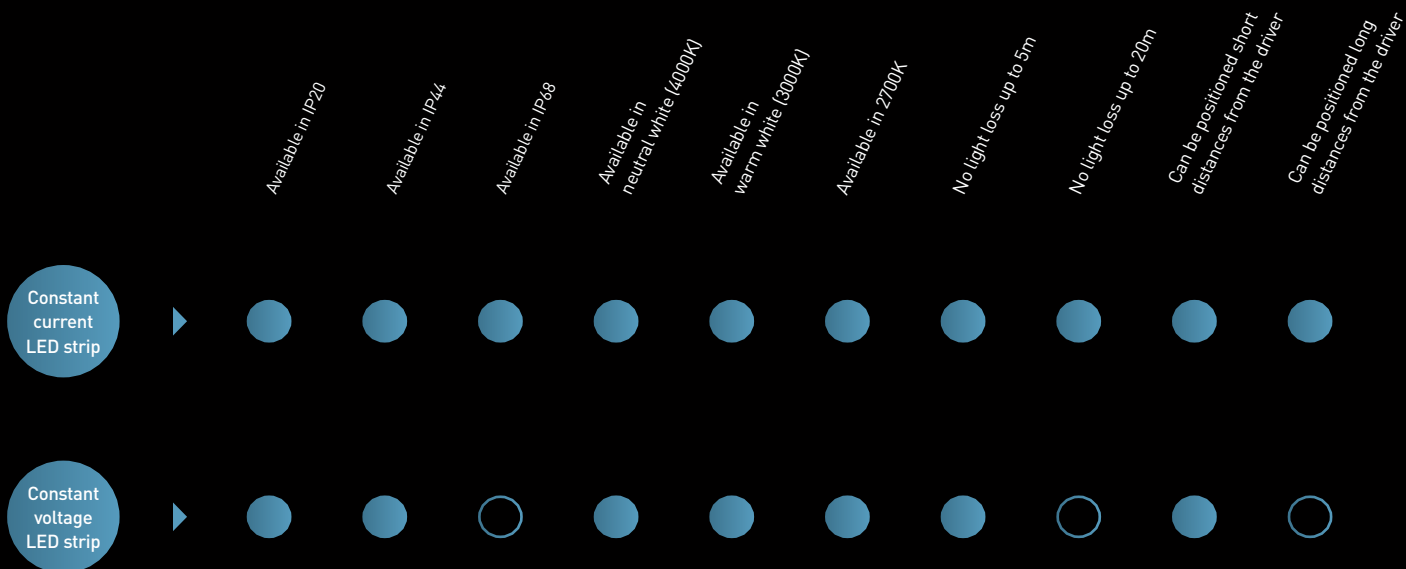
LED STRIP LIGHTING

To create impressive and discreet lighting



CONSTANT CURRENT STRIP / CONSTANT VOLTAGE STRIP

We offer both constant current strip and constant voltage strip to ensure you get the right product for your installation.



WHICH PROFILE & WHERE?

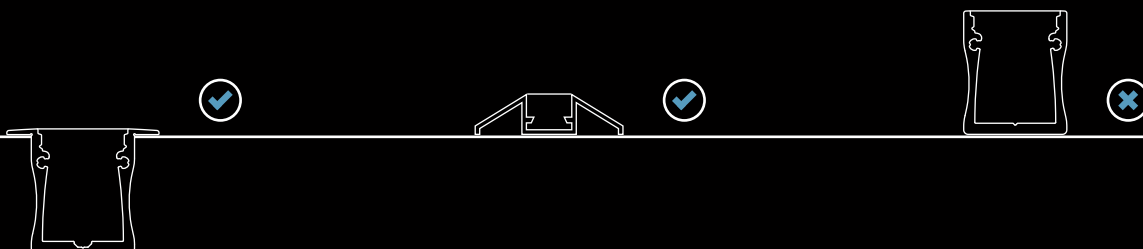
We recommend using profile to provide a clean, flat surface and a professional finish.

Avoid trip hazards when fitting profile to a floor.

Recessed profile

Floor profile

Surface mount profile



Fitting strip light under cabinets? Use a surface mounted profile to avoid cutting through the carcass.

IP RATING - WHAT RATING DO I NEED?



IP20

Ideal for use indoors and where there is no risk of water splashing.



IP44

Ideal for use indoors, such as bathrooms or places where water might splash. Easy to clean.



IP66

Ideal for use in coastal situations. Protected against powerful jets of water.



IP68

Ideal for permanent submersion in water.

WHICH LED STRIP FOR MY INSTALLATION?

To add excitement to indoor and outdoor surroundings, use colour or highlight interesting features choose from our wide range of LED strip lighting. It is versatile and discreet providing both ambient and accent lighting.

To project reflected general light to a space or to highlight ceilings use the 14.4W strip at high level.

To create the appearance of floating features fit the 4.8W strip under bars and bench seats. Use the same strip under wall-mounted cabinets and steps for task lighting or at kickboard level to highlight the floor. Add light to panels and mirrors too by using strip to backlight the area.

For great lit outdoor environments or areas susceptible to moisture the LEDSTRIP IP is an ideal choice. Use it in bathrooms to light under vanity units and bath tubs, making them appear to float on a cushion of light. Use in the garden, tucked under the nosings of steps, under the eaves of buildings or to add light under benches.

LSV44, LSV45, LSC45



LSV02, LSV03, LSV42, LSV43, LSC43, LSC83



LEDSTRIP IP, LSC83



PROFILE BENEFITS

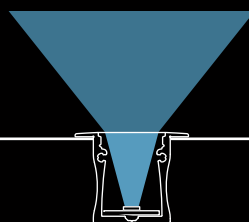
Light diffusion

No profile



Light is more focussed resulting in a more concentrated strip of light

With profile



Diffuses light to give a wash of light, and hides LEDs

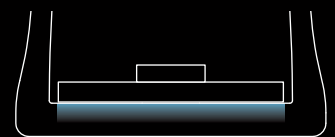
Longer life for LED strip

No profile



The heat will stay within the product and result in a shorter life for the LED

With profile



The heat will dissipate through the profile resulting in a longer LED life. This is especially important for the high output LED strip.

5 EASY STEPS FOR CHOOSING LED STRIP

Follow these 5 easy steps to work out which LED strip is right for your installation.

1

Where am I using my LED strip?

2

What IP rating?

Primary lighting (14.4W)

If you want to project reflected general light to a space or to highlight ceilings use the high output strip at a high level.

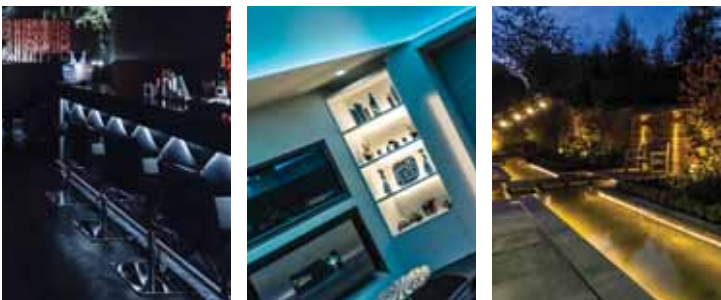


IP44

Ideal for use indoors, such as kitchens or places where water might splash.

Secondary lighting (4.8W)

To create the appearance of floating features fit the low output strip under bars and bench seats. Use the same strip under wall-mounted cabinets and steps for task lighting or at kickboard level to highlight the floor. Also use for backlighting mirrors and panels.



IP20

Ideal for use indoors and where there is no risk of water splashing.



IP44

Ideal for use indoors, such as kitchens or places where water might splash.



IP66

Ideal for use in coastal situations. Protected against powerful jets of water.



IP68

Ideal for permanent submersion in water.



Current regulated
There is no light loss over short or long distances.



Constant voltage
There is no light loss over short distances.



Got a query? Contact our team on
+44 (0) 1604 495 151

3

What length?

4

What colour?

5

Which LED strip?

Include the length of wiring to the driver

● 2700K ● 3500K ● 4000K ▶ LSV44 Page 170 LSV45 Page 169

Up to 5m ▶

● 2700K ● 3000K ● 4000K ▶ LSC45 Page 173

Up to 5m ▶

● 2700K ● 3000K ● 4000K ▶ LSV02 Page 166 LSV03 Page 165

RGB RGBW ▶ LED5050RGB Page 261 LSR05 Page 260

Up to 20m ▶

● 2700K ● 3000K ● 4000K ▶ LSC03 Page 171

Up to 5m ▶

● 2700K ● 3500K ● 4000K ▶ LSV42 Page 168

● 2700K ● 3000K ● 4000K ▶ LSV43 Page 167 LSC43 Page 172

167mm increments ▶

● 3000K ● 4000K ▶ LEDSTRIP IP Page 175

Up to 5m ▶

● 2700K ● 3000K ● 4000K ▶ LSC83 Page 174



Got a query? Contact our team on
+44 (0) 1604 495 151

LSC8 ACCESSORIES CONNECTORS & EXTENSION LEAD

Use with



LSC83

LED STRIP CONNECTORS FAST FIX CONNECTORS

Use with



LSV03 with 8mm



LSC03 with 12mm

LSC8PWL 1.8M CABLE, MALE IP68 CONNECTOR & END TERMINAL

Installing the IP68 strip is easy using the installation kit. The kit contains 1 x 1.8m cable and 1 x end terminator. The cable is 2-core with a male connector at one end, and stripped tails at the other end. The end terminal (female) is used at the far end of the strip to seal the system. Use JB6 IP68 terminals to ensure a waterproof connection between the driver and input cable.



8MM LED STRIP CONNECTOR FAST FIX CONNECTOR

For connecting driver to non-IP LED strip lengths, 8mm wide.

Use with
LSV02, LSV03

LSFC8
8mm 2 pin strip to strip fast fix connector

LSFCS8
8mm 2 pin fast fix connector with 150mm flying leads.

LSFCD8
Strip to strip 8mm 2 pin fast connector with 150mm cables



LSC8EXT 1M IP68 EXTENSION LEAD WITH MALE/FEMALE CONNECTORS

Containing both male and female connectors, this extension cable helps make the installation easy, by allowing extension of the input cable or the gap between the strip by 1m.



12MM LED STRIP CONNECTORS FAST FIX CONNECTORS

For extending non-IP LED strip lengths, 12mm wide.

Use with
LSC03

LSFC12
12mm 2 pin fast fix connector with no fly leads.

LSFCS12
12mm 2 pin fast fix connector with 150mm flying leads.

LSFCD12
Double ended 12mm 2 pin fast connector with 150mm cables.



LEDSTRIP IP ACCESSORIES CONNECTORS & EXTENSION LEAD

Use with



LEDSTRIP IP

CONNECTOR 6X12 IP RATED CONNECTOR SET FOR LEDSTRIP IP AVAILABLE IN 450MM OR 5M LENGTHS

These end connectors are available in two lengths (450mm and 5m) for easy connection of our LED strip (LEDSTRIP IP). The pack includes male and female connectors, fittings, and an end cap.



CON EXT 6X12 EXTENSION LEAD FOR LEDSTRIP IP

This 1.85m extension lead features male and female connectors for easy connection to our LED strip (LEDSTRIP IP). The LED strip is an extremely versatile source of light.



CONNECTOR L, T, X 6X12 CONNECTOR 6X12

Turning corners or creating junctions in a run of LED strip (LEDSTRIP IP) is easy with these three connectors. The L is for sharp corners, the T is for T-junctions, and the X is for four-way junctions. The connectors add strength to your installation and eliminate the need for ugly wiring. The LED strip is a 'go-anywhere' source of light.

CONNECTOR L 6X12

CONNECTOR T 6X12



CONNECTOR X 6X12

MALE & FEMALE CONNECTORS CONNECTORS FOR CON EXT 6X12

The male and female connectors are required when connecting to LEDSTRIP IP, or CONNECTOR L, T, X 6X12

CON MALE 6X12

CON FEMALE 6X12



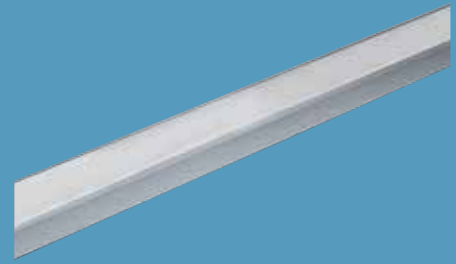
! Remember that profiles diffuse light and therefore have a light loss of 25%

Use the profiles on this page with all flexible, self adhesive LED strip

PROFILES & LED STRIP CONNECTORS

USING PROFILES WITH LED STRIP CONNECTORS

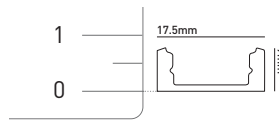
Use the table on the right to find which connectors fit into which profiles. Please note that if you require the 8mm connector to sit inside the end of the shallow profiles, you may need to cut a small indent into the diffuser, in order to create a seamless finish.



SM7

7MM SLIM SURFACE-MOUNT ANODISED ALUMINIUM PROFILE & OPAQUE DIFFUSER

Perfect for use in ceiling voids, shelves and under cabinets to create a clean effective installation. Add mounting brackets and choose from a range of end caps to complete the installation. A linear connector is also available when using continuous lengths.



SM7ECA / SM7ECB

ABS end cap for SM7 anodised aluminium profile, available with or without cable hole.



SM7MB

ABS mounting bracket for SM7 anodised aluminium profile.



SM7LC

ABS linear connector for SM7 anodised aluminium profile.



Product code

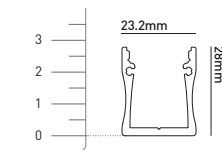
SM7010 (1m)

SM7020 (2m)

SM28

28MM DEEP SURFACE-MOUNT ANODISED ALUMINIUM PROFILE & OPAQUE DIFFUSER

Positions the LEDs lower to create a diffused light for a softer ambiance. Add end caps and mounting brackets to complete the installation.



SM28ECA

Aluminium end cap for SM28 anodised aluminium profile.



SM28MB

ABS mounting bracket for SM28 anodised aluminium profile.



Product code

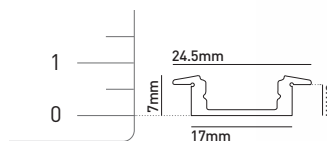
SM28010 (1m)

SM28020 (2m)

RP7

7MM DEEP RECESSED ANODISED ALUMINIUM PROFILE & OPAQUE DIFFUSER

Can be easily recessed into thin walled materials to create a low profile light source. Choose from a range of end caps to complete the installation.



RP7ECA / RP7ECB

Aluminium end cap for RP7 recessed aluminium profile. Available with or without cable hole.



Product code

RP7010 (1m)

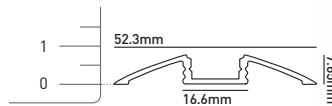
RP7020 (2m)

| | SM7 | RP7 | RP28 | CX7 | SM28 | C07 |
|--------------------------|-----|-----|------|-----|------|-----|
| 8mm LED strip connector | ● | ● | ● | ● | ● | ● |
| 12mm LED strip connector | ○ | ○ | ● | ○ | ● | ○ |

CX7

7MM SLIM SURFACE MOUNT ANODISED ALUMINIUM PROFILE & OPAQUE DIFFUSER

Perfect for surface mounting where the strip can be walked over. The convex shape ensures the installation will not become a trip hazard. Add mounting brackets and choose from a range of end caps to complete the installation.



CXECA / CXECB

ABS end cap for CX7 aluminium profile. Available with or without cable hole.



CXECC / CXECD

ABS end cap for CX7 aluminium profile with holding ears. Available with or without cable hole.



Product code

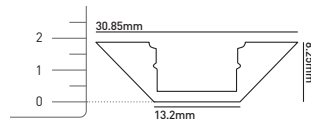
CX7010 (1m)

CX7020 (2m)

C07

45° SLIM SURFACE MOUNT CORNER ANODISED ALUMINIUM PROFILE & OPAQUE DIFFUSER

Ideal for installing into a 90° corner. Use under shelves and cabinets to create a seamless installation. Add mounting brackets and choose from a range of end caps to complete the installation.



C07ECA / C07ECB

ABS end cap for 45° slim surface mount corner anodised aluminium profile. Available with or without cable hole.



C07MB

Spring steel mounting bracket for C07 anodised aluminium profile.



Product code

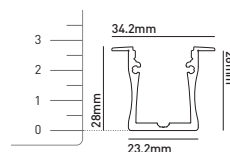
C07010 (1m)

C07020 (2m)

RP28

28MM DEEP RECESSED ANODISED ALUMINIUM PROFILE & OPAQUE DIFFUSER

Positions the LEDs lower to create a diffused light for a softer ambiance. Perfect for near seamless integration in any recessed installation. Add end caps to complete the installation.



RP28ECA

Aluminium end cap for RP28 anodised aluminium profile.



Product code

RP28010 (1m)

RP28020 (2m)



Remember that profiles diffuse light and therefore have a light loss of 25%

Use the profiles on this page with LEDSTRIP IP

LED STRIP PROFILES

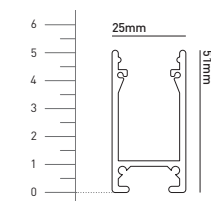
CHOOSING THE RIGHT PROFILE

There are a wide range of profiles available to suit any installation.

LINE PROFILE 20MM 1M

RECESSED PROFILE FOR LEDSTRIP IP

These white aluminium profiles hold our LED strips (LEDSTRIP IP) in place in conjunction with the U profile. They form a recessed channel (25mm wide x 51mm deep x 1m lengths) that cut to size to create the most stunning linear lighting effects. For example, the strip can be used to mark the edges of stairs and floors or as a decorative feature in bars and retail environments, indoors and out. Profile clips, end caps and clear or frosted covers are sold separately.



U PROFILE 6X12 1M

Mounting profile for the LEDSTRIP IP. Use to secure LEDSTRIP IP in LINE PROFILE.



LINE PROF END CAP

Aluminium end cap for LINE PROFILE 20MM 1M. Helps complete installation to a quality finish. Screw to end of profile.



LINE PROF FIX CLIP

Rubber fixing clips for LINE PROFILE 20MM 1M. Allows LINE PROFILE to be fixed to surfaces.



ACRYLIC COVER

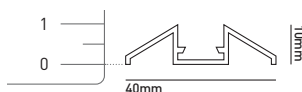
Comes in 1m lengths and a choice of clear or frosted to reveal or diffuse the light source beneath. Use with LINE PROFILE 20MM 1M.



PROFILE 6X12

WALL / FLOOR PROFILE FOR LEDSTRIP IP

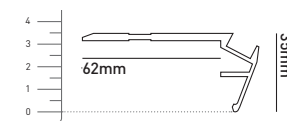
These surface-mounted anodised aluminium profiles are available in a choice of finishes (black or silver) and lengths of 1m. They hold the LED strips (LEDSTRIP IP) in place and form a stylish raised strip (10mm high x 40mm deep) that can be cut to size to create stunning linear lighting effects. The strip is great for marking walls and floors or as a decorative feature in bars and retail environments, indoors and out.



STAIR PROFILE

STAIR NOSING FOR LEDSTRIP IP

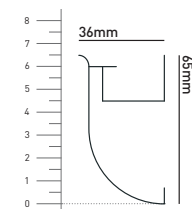
These surface-mounted anodised aluminium profiles are designed to be fitted to the noses of steps. They come in 2m lengths and a choice of finishes (black or silver) to hold the LED strips (LEDSTRIP IP) in place. Just cut the profile to length to give each step a stylish illuminated safety feature.



LED COVE PACK

COVING TO HOUSE ADHESIVE STRIP

This paintable plastic coving is a complete housing for the speediest installation of an illuminated LED coving. An upper channel holds a flexible lighting strip and a lower concealed channel takes all the cabling. It requires a minimal amount of building or electrical work. Available in 1m lengths.



Use in conjunction with LED COVE CLIP



COLLINGWOOD
LIGHTING



LSV03

Constant voltage, self-adhesive, flexible IP20 strip

- BESPOKE** Bespoke length cutting service available
- IP20** Ideal for use indoors
- 3 yr** 3-year guarantee

- 150°
- 4.8W PER METRE
- 32°C
- ±35°C
- 104g
- 70,000h
- 35DCM

| PHOTOMETRICS @ 25°C | | | | | |
|---------------------|------------|-------|------|------|---------|
| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
| 4000K | 150° | >80Ra | 450 | 94 | 126 |
| 3000K | 150° | >80Ra | 450 | 94 | 126 |
| 2700K | 150° | >80Ra | 450 | 94 | 126 |

| REEL ORDER CODES | |
|------------------|------------------------------|
| LSV0340050 | 5m reel of 4000K LSV03 strip |
| LSV0330050 | 5m reel of 3000K LSV03 strip |
| LSV0327050 | 5m reel of 2700K LSV03 strip |

For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
Part code calculator available at collingwoodlighting.com

| GENERAL | |
|-----------------------|---------------|
| Construction material | Flexible tape |

| WIRING | |
|-------------------------|--|
| Cable / flying lead | Supplied with 250mm flying lead from one end |
| Type of wiring required | Parallel |

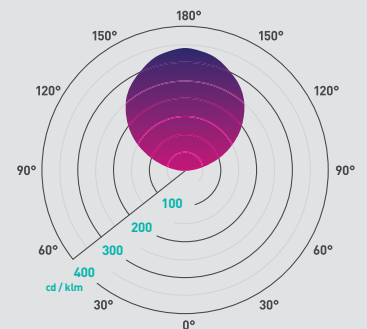
| LED DRIVERS | | | | | |
|--------------|----|------|-------------------|---------------|---------|
| Product code | mA | SELV | Dimming | Bathroom zone | Max (m) |
| PS3024 | - | Yes | Yes (PDCINT1-10V) | - | 5m |
| PSDIP6024 | - | Yes | Yes | - | 2 x 5m |
| PSDIP10024 | - | Yes | Yes | - | 4 x 5m |

For LED driver bathroom zone & additional LED drivers see page 264

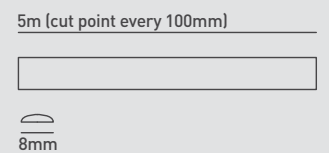
| ACCESSORIES | | |
|-------------------------|--|---------|
| Product code | Description | |
| LSFC8 / LSFC58 / LSFC88 | Range of fast fix connectors for use with LSV03 | 160 |
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| LED COVE PACK | Coving to house adhesive strip | 164 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |

FEATURES & BENEFITS

- Can be easily cut on site with cut points every 100mm. Use in conjunction with LSFC8, LSFC58 and LSFC88 connectors
- 5m reels supplied in branded packaging
- Ideal for short lengths up to 5m
- Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- 3M self-adhesive backing
- NB: Cutting to required length will render this product non-returnable



4000K 150°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A+, A, A, C, D, E

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- ▶ IP20 5W/m LED strip pack
- ▶ Ideal for indoor use in various applications including accent lighting such as in cabinets and displays
- ▶ Cut point every 100mm
- ▶ 3M self-adhesive backing for secure and easy installation
- ▶ Supplied in resealable, antistatic bag to protect during transit
- ▶ 3-year guarantee

LSV02

Constant voltage, IP20, 5W/m, self-adhesive 5m LED strip pack

IP20 Ideal for use indoors

3yr 3-year guarantee

110°

5W

32°C

±35°C

104g/m

30,000h

PER METRE

PHOTOMETRICS @ 25°C

CCT may vary by ±5%

| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
|--------|------------|-------|------|------|---------|
| 4000K | 110° | >80Ra | 430 | 86 | 100 |
| 3000K | 110° | >80Ra | 400 | 80 | 95 |
| 2700K | 110° | >80Ra | 380 | 76 | 92 |

REEL ORDER CODES

| | |
|------------|-----------------------------------|
| LSV0240050 | 5m reel pack of 4000K LSV02 strip |
| LSV0230050 | 5m reel pack of 3000K LSV02 strip |
| LSV0227050 | 5m reel pack of 2700K LSV02 strip |

GENERAL

| | |
|-----------------------|---------------|
| Construction material | Flexible tape |
|-----------------------|---------------|

WIRING

| | |
|-------------------------|--|
| Cable / flying lead | Supplied with 250mm flying lead from one end |
| Type of wiring required | Parallel |

LED DRIVERS

| Product code | mA | SELV | Dimming | Bathroom zone | Max (m) |
|--------------|----|------|-------------------|---------------|---------|
| PS3024 | - | Yes | Yes (PDCINT1-10V) | - | 5m |
| PSDIP6024 | - | Yes | Yes | - | 2 x 5m |
| PSDIP10024 | - | Yes | Yes | - | 3 x 5m |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|-------------------------|--|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |
| LSFC8 / LSFC58 / LSFC8 | Range of fast fix connectors for use with LSV03 | 160 |

5m (cut point every 100mm)



8mm

All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012





COLLINGWOOD
LIGHTING



LSV43

Constant voltage, self-adhesive, flexible IP44 strip

- BESPOKE** Bespoke length cutting service available
- IP44** Splashproof
- 3 yr** 3-year guarantee

- 150°** Beam angle
- 4.8W** Power consumption
- 35°C** Operating temperature
- 10g/m** Weight
- 2** Zone
- 70,000h** Lifetime
- 35DCM** Cable length

| PHOTOMETRICS @ 25°C | | | | | |
|---------------------|------------|-------|------|------|---------|
| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
| 4000K | 150° | >80Ra | 450 | 94 | 85 |
| 3000K | 150° | >80Ra | 450 | 94 | 85 |
| 2700K | 150° | >80Ra | 450 | 94 | 85 |

| REEL ORDER CODES | |
|------------------|------------------------------|
| LSV4340050 | 5m reel of 4000K LSV43 strip |
| LSV4330050 | 5m reel of 3000K LSV43 strip |
| LSV4327050 | 5m reel of 2700K LSV43 strip |

For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
Part code calculator available at collingwoodlighting.com

| GENERAL | |
|-----------------------|---------------|
| Construction material | Flexible tape |

| WIRING | |
|-------------------------|--|
| Cable / flying lead | 0.25m (bespoke lengths up to 5m are available on request at an extra charge) |
| Type of wiring required | Parallel |

| LED DRIVERS | | | | | |
|--------------|----|------|-------------------|---------------|--------|
| Product code | mA | SELV | Dimming | Bathroom zone | Max |
| PS1524 | - | Yes | Yes (PDCINT1-10V) | 2 | 3m |
| PSDIP6024 | - | Yes | Yes | 2 | 2 x 5m |
| PSDIP10024 | - | Yes | Yes | 2 | 4 x 5m |

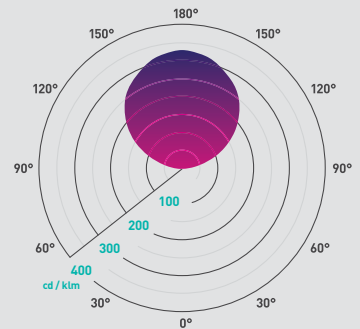
Bathroom zone applicable to fitting only

For LED driver bathroom zone & additional LED drivers see page 264

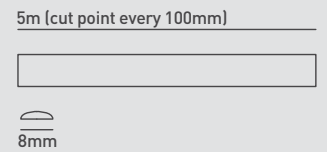
| ACCESSORIES | | |
|-------------------------|--|---------|
| Product code | Description | |
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| LED COVE PACK | Coving to house adhesive strip | 164 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |

FEATURES & BENEFITS

- > Hard-wearing clear splashproof covering
- > Cut point every 100mm
- > Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- > Also supplied in customised lengths (0.1m up to 4.9m in 0.1m increments)
- > 3M self-adhesive backing
- > 250mm flying leads attached



4000K 150°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+
A
A-
B
C
D
E

LED

874/2012



COLLINGWOOD
LIGHTING



LSV42

Constant voltage, IP44, 5W/m, self-adhesive 5m LED strip pack



Splashproof



3-year guarantee



PER METRE



ZONE



PHOTOMETRICS @ 25°C

CCT may vary by ±10%

| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
|--------|------------|-------|------|------|---------|
| 4000K | 110° | >80Ra | 430 | 86 | 100 |
| 3500K | 110° | >80Ra | 400 | 80 | 95 |
| 2700K | 110° | >80Ra | 380 | 76 | 92 |

REEL ORDER CODES

| | |
|------------|-----------------------------------|
| LSV4240050 | 5m reel pack of 4000K LSV42 strip |
| LSV4235050 | 5m reel pack of 3500K LSV42 strip |
| LSV4227050 | 5m reel pack of 2700K LSV42 strip |

GENERAL

| | |
|-----------------------|---------------|
| Construction material | Flexible tape |
|-----------------------|---------------|

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | Supplied with 250mm flying lead from each end |
| Type of wiring required | Parallel |

LED DRIVERS

| Product code | mA | SELV | Dimming | Bathroom zone | Max |
|--------------|----|------|-------------------|---------------|--------|
| PS3024 | - | Yes | Yes (PDCINT1-10V) | - | 5m |
| PSDIP6024 | - | Yes | Yes | - | 2 x 5m |
| PSDIP10024 | - | Yes | Yes | - | 3 x 5m |

For LED driver bathroom zone & additional LED drivers see page 264

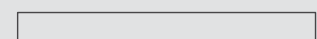
ACCESSORIES

| Product code | Description | |
|-------------------------|--|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |

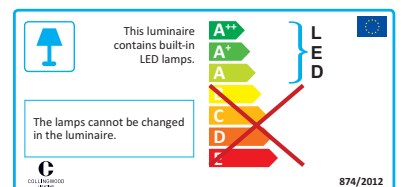
FEATURES & BENEFITS

- › IP44 5W/m LED strip pack
- › Ideal for use in various applications including accent lighting in kitchens and bathrooms
- › Cut point every 100mm
- › 3M self-adhesive backing for a secure and easy installation
- › IP44 PU coating protects from temporary moisture exposure and allows for easy cleaning
- › Supplied in resealable, antistatic bag to protect during transit
- › 3-year guarantee

5m (cut point every 100mm)



All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.





COLLINGWOOD
LIGHTING

FEATURES & BENEFITS

- › IP44 15W/m LED strip supplied in customised lengths (0.1m up to 4.9m in 0.1 increments)
- › Ideal for primary lighting and use within coving
- › Bespoke lengths are sealed with heat shrink for complete IP44 connections
- › IP44 PU coating protects from temporary moisture exposure and allows for easy cleaning
- › 3M self-adhesive backing for secure and easy installation
- › 3-year guarantee



LSV45

Constant voltage, IP44, 15W/m, self-adhesive bespoke LED strip

BESPOKE Bespoke length cutting service available

IP44 Splashproof

3 yr 3-year guarantee

W Also available in RGB & RGBW See page 262-263

110°

15W

32°C

150g/m

2

30,000h

PER METRE

ZONE

PHOTOMETRICS @ 25°C

CCT may vary by ±10%

| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
|--------|------------|-------|------|------|---------|
| 4000K | 110° | >80Ra | 1290 | 86 | 230 |
| 3500K | 110° | >80Ra | 1200 | 80 | 225 |
| 2700K | 110° | >80Ra | 1140 | 76 | 218 |

REEL ORDER CODES

LSV4540050 5m reel of 4000K LSV45 strip

LSV4535050 5m reel of 3500K LSV45 strip

LSV4527050 5m reel of 2700K LSV45 strip

For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
Part code calculator available at collingwoodlighting.com

GENERAL

Construction material Flexible tape

WIRING

Cable / flying lead 250mm (bespoke lengths up to 5m are available on request at an extra charge) from one end

Type of wiring required Parallel

LED DRIVERS

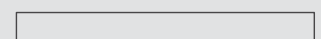
| Product code | mA | SELV | Dimming | Bathroom zone | Max |
|--------------|----|------|-------------------|---------------|--------|
| PS5024 | - | Yes | Yes (PDCINT1-10V) | - | 3m |
| PSDIP10024 | - | Yes | Yes | - | 5m |
| PSIP24024 | - | Yes | Yes (PDCINT1-10V) | - | 3 x 5m |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|-------------------------|--|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |

5m (cut point every 100mm)



10mm

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012

Recommend a maximum length of 10m for 1.0mm² cable from driver to start of strip length. Exceeding this length may result in a drop in light output. All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > IP44 15W/m LED strip pack
- > Ideal for primary lighting and use within coving
- > IP44 PU coating protects from temporary moisture exposure and allows for easy cleaning
- > Cut point every 100mm
- > 3M self-adhesive backing for secure and easy installation
- > Supplied in resealable, antistatic bag to protect during transit
- > 3-year guarantee

LSV44

Constant voltage IP44, 15W/m, self-adhesive 5m LED strip pack



Splashproof



3-year guarantee



PER METRE



ZONE



PHOTOMETRICS @ 25°C

CCT may vary by ±10%

| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
|--------|------------|-------|------|------|---------|
| 4000K | 110° | >80Ra | 1290 | 86 | 230 |
| 3500K | 110° | >80Ra | 1200 | 80 | 225 |
| 2700K | 110° | >80Ra | 1140 | 76 | 218 |

REEL ORDER CODES

| | |
|------------|-----------------------------------|
| LSV4440050 | 5m reel pack of 4000K LSV44 strip |
| LSV4435050 | 5m reel pack of 3500K LSV44 strip |
| LSV4427050 | 5m reel pack of 2700K LSV44 strip |

GENERAL

| | |
|-----------------------|---------------|
| Construction material | Flexible tape |
|-----------------------|---------------|

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | Supplied with 250mm flying lead from each end |
| Type of wiring required | Parallel |

LED DRIVERS

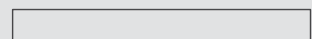
| Product code | mA | SELV | Dimming | Bathroom zone | Max |
|--------------|----|------|-------------------|---------------|--------|
| PS5024 | - | Yes | Yes (PDCINT1-10V) | - | 3m |
| PSDIP10024 | - | Yes | Yes | - | 5m |
| PSIP24024 | - | Yes | Yes (PDCINT1-10V) | - | 3 x 5m |

For LED driver bathroom zone & additional LED drivers see page 264

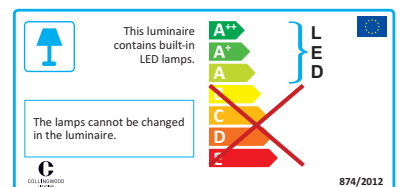
ACCESSORIES

| Product code | Description | |
|-------------------------|--|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |

5m (cut point every 100mm)



Recommend a maximum length of 10m for 1.0mm² cable from driver to start of strip length. Exceeding this length may result in a drop in light output. All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.





COLLINGWOOD LIGHTING



LSC03

Current regulated, self-adhesive, flexible strip

- BESPOKE** Bespoke length cutting service available
- IP20** Ideal for use indoors
- 3yr** 3-year guarantee

- 150°
- 4.8W
- 32°C
- ±35°C
- 10g/m
- 70,000h
- 35DCM

| PHOTOMETRICS @ 25°C | | | | | |
|---------------------|------------|-------|------|------|---------|
| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
| 4000K | 150° | >80Ra | 350 | 73 | 85 |
| 3000K | 150° | >80Ra | 350 | 73 | 85 |
| 2700K | 150° | >80Ra | 350 | 73 | 85 |
| Blue | 150° | >80Ra | - | - | - |

| REEL ORDER CODES | | | |
|------------------|------------------------|------------|-------------------------|
| LSC0340050 | 5m reel of 4000K LSC03 | LSC0340200 | 20m reel of 4000K LSC03 |
| LSC0330050 | 5m reel of 3000K LSC03 | LSC0330200 | 20m reel of 3000K LSC03 |
| LSC0327050 | 5m reel of 2700K LSC03 | LSC0327200 | 20m reel of 2700K LSC03 |
| LSCBL050 | 5m reel of blue LSC03 | LSCBL200 | 20m reel of blue LSC03 |

For bespoke length, 050 or 200 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
Part code calculator available at collingwoodlighting.com

| GENERAL | |
|-----------------------|---------------|
| Construction material | Flexible tape |

| WIRING | |
|-------------------------|---|
| Cable / flying lead | 150mm flying lead with fast fix connector (LSFCS12) supplied on bespoke strip (Bespoke lengths up to 5m are available on request at extra charge) |
| Type of wiring required | Parallel |

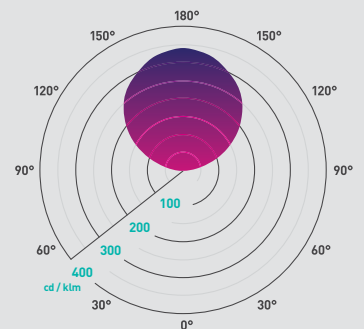
| LED DRIVERS | | | | | |
|--------------|----|------|-------------------|---------------|-----|
| Product code | mA | SELV | Dimming | Bathroom zone | Max |
| PS1524 | - | Yes | Yes (PDCINT1-10V) | - | 3m |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | - | 10m |
| PSDIP10024 | - | Yes | Yes | - | 20m |

For LED driver bathroom zone & additional LED drivers see page 264

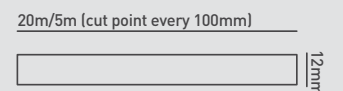
| ACCESSORIES | | |
|----------------------------|--|---------|
| Product code | Description | |
| LSFC12 / LSFCS12 / LSFCD12 | Range of fast fix connectors for use with LSC03 | 160 |
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| LED COVE PACK | Coving to house adhesive strip | 164 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |

FEATURES & BENEFITS

- › Cut point every 100mm
- › 250mm flying leads attached (reel)
- › High quality LED strip using current regulation
- › Next generation strip. Long lengths (up to 20m) suffer no light loss
- › Foil backed (flexible PCB dissipates heat (improves LED life and colour stability)
- › 3M self-adhesive backing
- › Supplied in customised lengths (0.1m up to 19.9m in 0.1m increments)
- › NB: Cutting to required length will render this product non-returnable



4000K 150°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency scale: A+, A, A-, B, C, D, E. The lamp is marked as A+.

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Hard-wearing clear splashproof covering
- › High quality LED strip using current regulation
- › Next generation strip. Long lengths suffer no light loss
- › Cut point every 100mm
- › 250mm fly leads attached
- › Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- › 3M self-adhesive backing
- › Supplied in customised lengths (0.1m up to 4.9m in 0.1m increments)
- › Bespoke lengths are sealed with heat shrink for complete IP44 connections
- › NB: Cutting to required length will render this product non-returnable

LSC43

Current regulated, self-adhesive, flexible splash-proof strip

- BESPOKE** Bespoke length cutting service available
- IP44** Splashproof
- 3yr** 3-year guarantee

150° 4.8W 32°C 10g/m 2 70,000h 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
|--------|------------|-------|------|------|---------|
| 4000K | 150° | >80Ra | 350 | 73 | 85 |
| 3000K | 150° | >80Ra | 350 | 73 | 85 |
| 2700K | 150° | >80Ra | 350 | 73 | 85 |

REEL ORDER CODES

| | |
|------------|------------------------------|
| LSC4340050 | 5m reel of 4000K LSC43 strip |
| LSC4330050 | 5m reel of 3000K LSC43 strip |
| LSC4327050 | 5m reel of 2700K LSC43 strip |

For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
Part code calculator available at collingwoodlighting.com

GENERAL

| | |
|-----------------------|---------------|
| Construction material | Flexible tape |
|-----------------------|---------------|

WIRING

| | |
|-------------------------|--|
| Cable / flying lead | 0.25m (bespoke lengths up to 5m are available on request at an extra charge) |
| Type of wiring required | Parallel |

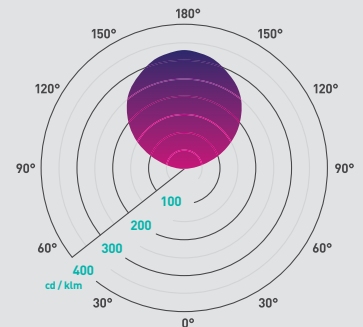
LED DRIVERS

| Product code | mA | SELV | Dimming | Bathroom zone | Max |
|--------------|----|------|-------------------|---------------|-----|
| PS1524 | - | Yes | Yes (PDCINT1-10V) | - | 3m |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | - | 10m |
| PSDIP10024 | - | Yes | Yes | - | 20m |

For LED driver bathroom zone & additional LED drivers see page 264

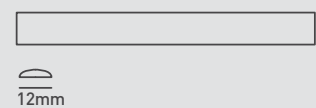
ACCESSORIES

| Product code | Description | |
|-------------------------|--|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 150°
Additional diagrams available at collingwoodlighting.com

5m (cut point every 100mm)



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++

LED

874/2012



COLLINGWOOD
LIGHTING



LSC45

Current regulated, self-adhesive, high output, LED flexible splashproof strip



Bespoke length cutting service available



IP44 Splashproof



3 yr 3-year guarantee



Also available in RGB & RGBW See page 262-263



PER METRE



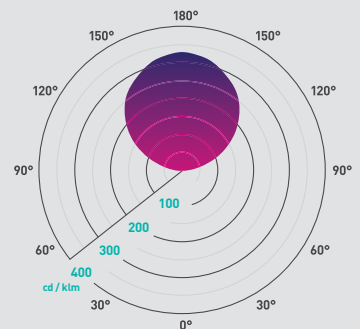
ZONE



35DCM

FEATURES & BENEFITS

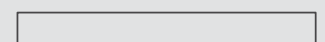
- › Hard-wearing clear splashproof covering
- › High output LED strip using next generation current regulation technology
- › Long lengths suffer no light loss
- › Cut point every 100mm
- › Bespoke lengths are sealed with heat shrink for complete IP44 connections
- › Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- › 3M self-adhesive backing
- › Supplied in customised lengths (0.1m up to 4.9m in 0.1m increments)
- › NB: Cutting to required length will render this product non-returnable



4000K 150°

Additional diagrams available at collingwoodlighting.com

5m (cut point every 100mm)



12mm

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A+ A A C D E

874/2012

PHOTOMETRICS @ 25°C

| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
|--------|------------|-------|------|------|---------|
| 4000K | 150° | >85Ra | 1040 | 72 | 290 |
| 3000K | 150° | >85Ra | 1000 | 69 | 280 |
| 2700K | 150° | >85Ra | 1010 | 70 | 290 |

REEL ORDER CODES

| | |
|------------|------------------------------|
| LSC4540050 | 5m reel of 4000K LSC45 strip |
| LSC4530050 | 5m reel of 3000K LSC45 strip |
| LSC4527050 | 5m reel of 2700K LSC45 strip |

For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
Part code calculator available at collingwoodlighting.com

GENERAL

| | |
|-----------------------|---------------|
| Construction material | Flexible tape |
|-----------------------|---------------|

WIRING

| | |
|-------------------------|--|
| Cable / flying lead | 0.25m (bespoke lengths up to 5m are available on request at an extra charge) |
| Type of wiring required | Parallel |

LED DRIVERS

| Product code | mA | SELV | Dimming | Bathroom zone | Max |
|--------------|----|------|-------------------|---------------|------|
| PS5024 | - | Yes | Yes (PDCINT1-10V) | - | 3m |
| PSDIP10024 | - | Yes | Yes | - | 5m |
| PSIP24024 | - | Yes | Yes (PDCINT1-10V) | - | 3x5m |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|-------------------------|--|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Hard-wearing clear waterproof covering
- › Available in 5m lengths (Join up to 10m with no light loss)
- › Also supplied in customised lengths (0.1m up to 9.9m in 0.1m increments)
- › IP68 up to 1.5m
- › Complete with fixing clips
- › Not suitable for installation in chlorine or bromine environments

LSC83

Current regulated IP68 waterproof strip

- BESPOKE** Bespoke length cutting service available
- IP68** Submersible to 1.5m
- 3yr** 3-year guarantee

- 120°
- 4.8W
- 32°C
- 35°C
- 50g/m
- 0
- 70,000h
- 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | CRI | lm/m | lm/W | lx @ 1m |
|--------|------------|-------|------|------|---------|
| 4000K | 120° | >85Ra | 400 | 69 | 137 |
| 3000K | 120° | >85Ra | 360 | 63 | 123 |
| 2700K | 120° | >85Ra | 350 | 74 | 120 |

REEL ORDER CODES

Supplied with 250mm flying lead and connectors at each end

| | |
|------------|------------------------------|
| LSC8340050 | 5m reel of 4000K LSC83 strip |
| LSC8330050 | 5m reel of 3000K LSC83 strip |
| LSC8327050 | 5m reel of 2700K LSC83 strip |

For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc (supplied with 250mm flying lead and connector at one end.) Part code calculator available at collingwoodlighting.com

GENERAL

| | |
|-----------------------|-------------------------------|
| Construction material | Flexible tape with PU coating |
|-----------------------|-------------------------------|

WIRING

| | |
|-------------------------|----------|
| Cable / flying lead | 0.25m |
| Type of wiring required | Parallel |

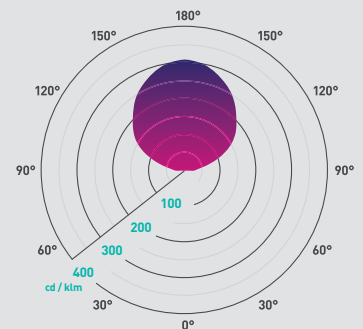
LED DRIVERS

| Product code | mA | SELV | Dimming | Bathroom zone | Max |
|--------------|----|------|-------------------|---------------|-----|
| PS1524 | - | Yes | Yes (PDCINT1-10V) | - | 3m |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | - | 10m |
| PSDIP10024 | - | Yes | Yes | - | 20m |

For LED driver bathroom zone & additional LED drivers see page 264

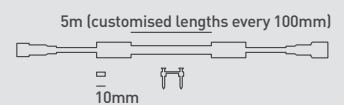
ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |
| LSC8PWL | 1.8m cable, male IP68 (submersible to 1.5m) connector & end terminal | 160 |
| LSC8EXT | 1m IP68 (submersible to 1.5m) extension lead with male/female connectors | 160 |
| JB6 | Inline gel filled cable connector IP68 (submersible to 1.3m) | 281 |



4000K 120°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

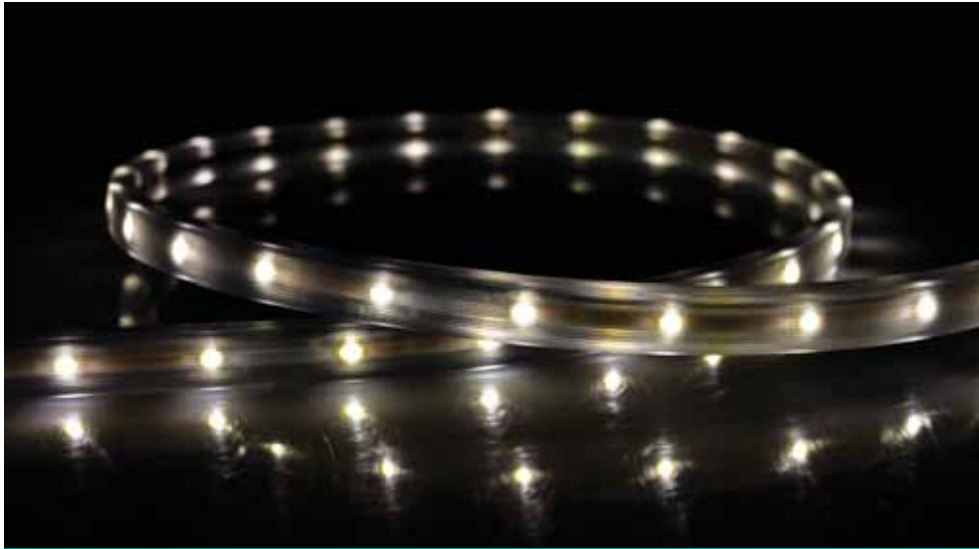
LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red).

874/2012





COLLINGWOOD
LIGHTING



LEDSTRIP IP

Flexible waterproof LED strip

IP66

Protected against powerful jets of water

1 yr

1 year guarantee

130°

2.9W

37°C

35°C

100g/m

1

70,000h

35DCM

PER METRE

ZONE

35DCM

PHOTOMETRICS @ 25°C

NB: Products cut to specific requirements are non-returnable

| Colour | Beam angle | Product code | CRI | lm/m | lm/W | lx at 1m |
|--------|------------|-----------------|-------|------|------|----------|
| 4000K | 130° | LEDSTRIP IP NW | >70Ra | 224 | 77 | 35 |
| 3000K | 130° | LEDSTRIP IP WW | >60Ra | 207 | 71 | 28 |
| Amber | 130° | LEDSTRIP IP AMB | - | - | - | - |
| Blue | 130° | LEDSTRIP IP BL | - | - | - | - |
| Red | 130° | LEDSTRIP IP RED | - | - | - | - |

GENERAL

Construction material: Plastic

WIRING

Type of wiring required: Parallel

LED DRIVERS

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Max |
|--------------|----|------|-------------------|---------------|-----|
| PS1524 | - | Yes | Yes (PDCINT1-10V) | 1 | 5m |
| PS5024 | - | Yes | Yes (PDCINT1-10V) | 1 | 17m |
| PSDIP10024 | - | Yes | Yes (1-10V) | 1 | 34m |

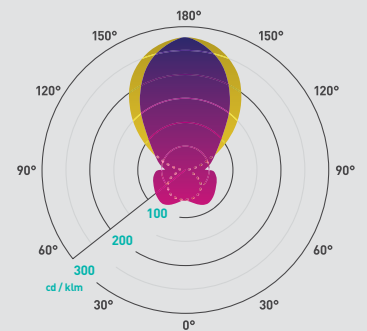
For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|------------------------|--|-----|
| CONNECTOR 6X12 / 5M | 450mm/5m IP rated connector set for LEDSTRIP IP | 161 |
| CON EXT M/F 6X12 | Extension lead for LEDSTRIP IP | 161 |
| CONNECTOR L, T, X 6X12 | Connectors for LEDSTRIP IP | 161 |
| PDCINT1-10V | 1-10V dimming interface for use with 24V LED drivers | 272 |
| LED STRIP PROFILES | Profile range to house LEDSTRIP IP | 164 |

FEATURES & BENEFITS

- › Cut point every 167mm
- › Range of wall & floor profiles available
- › Suitable for indoor & outdoor use



4000K 130°

Additional diagrams available at collingwoodlighting.com

167mm (cut point)



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A+ A A C D E

874/2012

RETAIL RANGE

To create dynamic retail and hospitality environments



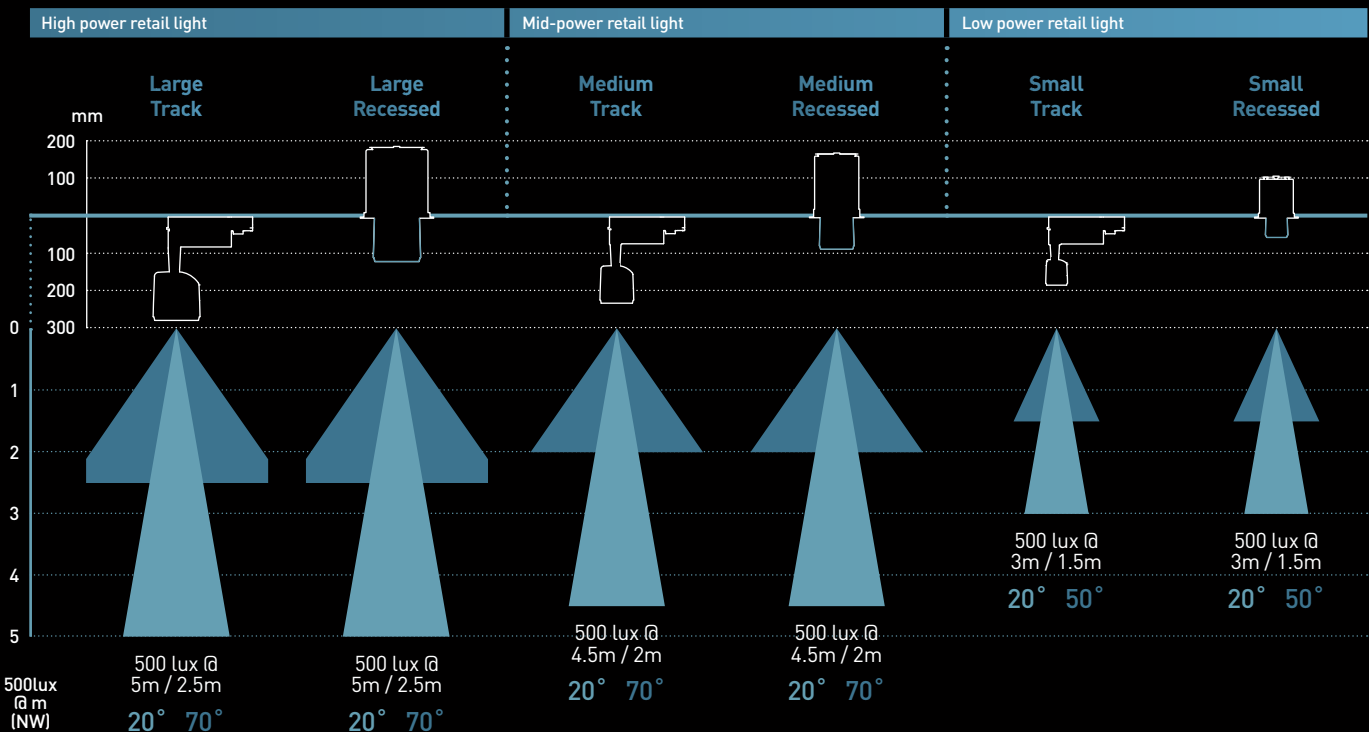
PRODUCT FAMILY

Many retail stores have unique layouts which don't always allow for a 'one size fits all' install. With Collingwood Lighting's family of retail products, it's possible to mix different sizes of track and recessed luminaires to meet the needs of a space. Small, medium or large track luminaires can be installed close together to give light where needed, or to accommodate low ceilings. Collingwood track products can be retrofitted into many existing track schemes and are compatible with Global™ 3 circuit track.



The Collingwood Lighting retail products are available in three different sizes and colours, making it easy to create the perfect installation.

PRODUCT COMPARISON



CHOOSE COLOUR

Reveal the crispest whites, vibrant reds and make colours pop to attract customers to retail displays. The high colour rendering index (CRI >90) of this range ensures clothing and other materials look their best.



Existing fittings

Can leave merchandise looking lifeless



Collingwood Retail

Make true colours of merchandise stand out



Visit the Collingwood Lighting YouTube channel to watch our video showing how LUXEON CrispWhite technology can bring merchandise to life.

CHOOSE WHITE

HONEYCOMB

Using LUXEON CrispWhite technology the Collingwood Retail range delivers on all fronts (3000K options only). It provides a unique combination of warm saturated colours as well as creating a natural crisp whiteness. This technology activates fluorescing agents in paints and fabrics to display merchandise in true colours. Ideal for CDM / CMH replacements.

To illuminate areas of heavy traffic, e.g. pay points, or customer service desks add this honeycomb insert to provide a diffused light.



Conventional retail lighting

Materials may appear washed out or 'yellowed'.

LUXEON CrispWhite Technology

Show off the true vibrant colours of materials.



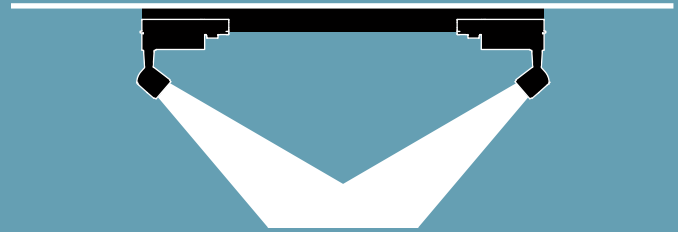
BUILDING YOUR TRACK CONSTRUCTING YOUR GRID

Retail displays are constantly changing. The flexible nature of track lighting ensures that merchandise will be beautifully lit wherever displays are positioned. The lighting moves along a purpose-built grid with the ability to rotate and tilt ensuring optimum flexibility.

When building a grid consider where the majority of your merchandise will be displayed. All of our track lighting rotates 355°. We recommend two track set-ups as shown in diagrams A and B below.

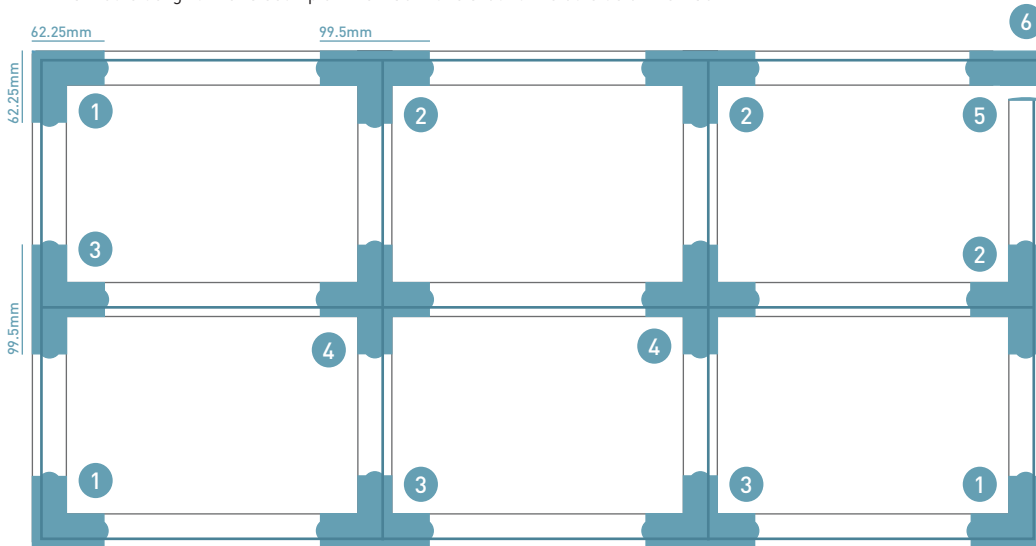
If the majority of merchandise is displayed on walls or outside the area of your grid you will need to set up an 'outside' grid.

If the majority of merchandise is displayed under the grid then you will need to set up an 'inside' grid.



Constructing an 'outside' grid (Diagram A)

With an 'outside' grid the raised lip on the track runs around the outside of the track.



- 6 
CONNECTOR END FEED
XTS11
Connects the grid to the mains
- 5 
END CAP
XTS41
Completes the track

- 1 
L - CONNECTOR
XTS35
Used for corners
- 2 
T - CONNECTOR
XTS39
Used to create a T-junction
- 3 
T - CONNECTOR (MIRROR)
XTS36
Used to create a T-junction
- 4 
X - CONNECTOR
XTS38
Used to join a cross section

Use T-connector '2' opposite T-connector '3' to ensure the mains pole lines up

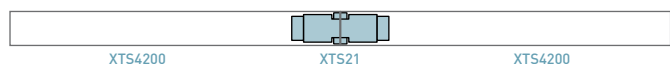
Track length options

Track is supplied in 1m and 2m lengths, this can be cut to shorter lengths to suit the installation. When cutting track use a bending tool to bend the internal copper cores into position to allow for an electrical connection.



BENDING TOOL
XTSV12

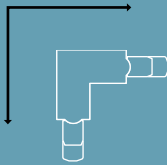
Extend sections of track using a straight connector. It sits concealed within the track, without adding extra length, for a neat and tidy finish.





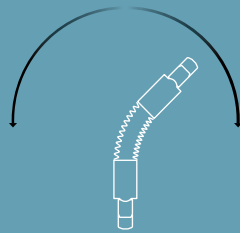
To increase the flexibility of the grid there are 3 different types of corner connector...

Fixed 90°



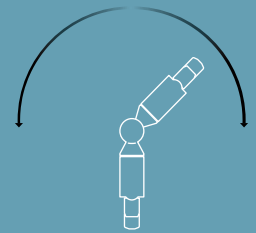
L - CONNECTOR
XTS34 / XTS35

360°



FLEXIBLE CONNECTOR
XTS23

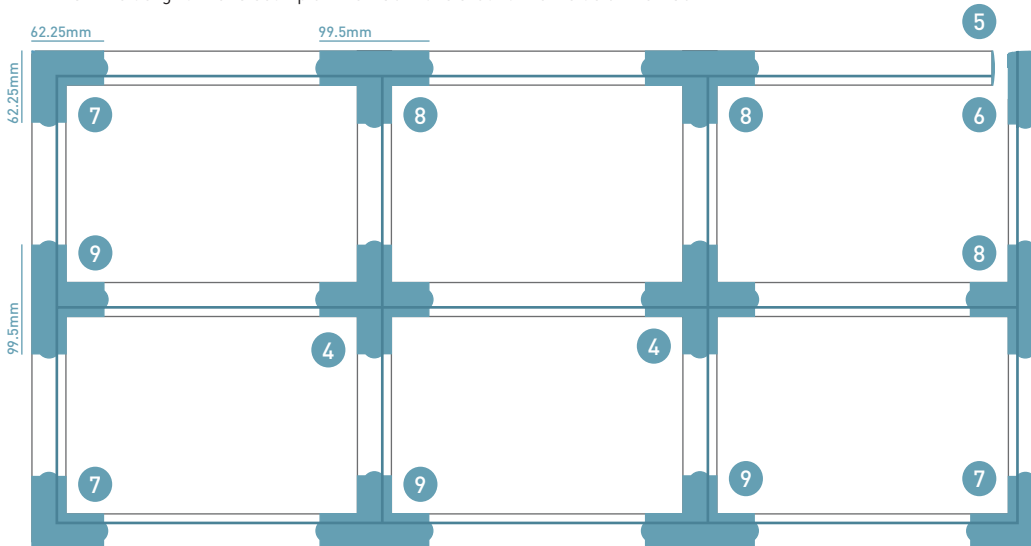
200°



ADJUSTABLE CONNECTOR
XTS24

Constructing an 'inside' grid (Diagram B)

With an 'inside' grid the raised lip on the track runs around the inside of the track.



6



CONNECTOR END FEED
XTS11
Connects the grid to the mains

5



END CAP
XTS41
Completes the track

7



L - CONNECTOR
XTS34
Used for corners

8



T - CONNECTOR
XTS37
Used to create a T-junction

9



T - CONNECTOR (MIRROR)
XTS40
Used to create a T-junction

4



X - CONNECTOR
XTS38
Used to join a cross section

Use T-connector '8' opposite T-connector '9' to ensure the mains pole lines up



STRAIGHT CONNECTOR
XTS21

Extend straight track using a connector middle feed. This extension adds 99.5mm length to the track. The connector middle feed allows the mains to be fed from the middle of a straight track. (Connector middle feed is suitable for straight track installations only).



CONNECTOR MIDDLE FEED
XTS14

BUILDING YOUR TRACK

CHOOSING YOUR PARTS

1

Before selecting grid components you will need to decide what type of mount is right for the installation...

Once you've decided which mount is right for the installation, work your way down the page to see which parts are compatible.

2

Which mounting brackets do I need?

Suspension mount



SP4R
Suspension mount clamp

Silver: SP4R1
Black: SP4R2
White: SP4R3
Use with: SPR6 or SPW1



SPR6
Rod suspension set (1m)

Black: SPR62
White: SPR63
Use with: SP4R



SPW1
Wire suspension set (1.5m)

Silver: SPW11
Black: SPW12
White: SPW13
Use with: SP4R



SKB11R
Recessed ceiling clamp

Silver: SKB11R1
Black: SKB11R2
White: SKB11R3
Use with: SPW1 (optional)

Surface or suspension track

3

Which track do I need?
Don't forget your connector end feed & end cap.



XTS4100
Surface track (1m)

Silver: XTS41001
Black: XTS41002
White: XTS41003
Use with: XTS11 & XTS41



XTS4200
Surface track (2m)

Silver: XTS42001
Black: XTS42002
White: XTS42003
Use with: XTS11 & XTS41



XTS11
Connector end feed

Silver: XTS111
Black: XTS112
White: XTS113
Use with: All track



XTS41
End cap

Silver: XTS411
Black: XTS412
White: XTS413
Use with: All track

Connectors

4

Choose the right connectors for your grid.

Don't forget to consider if the grid is an 'outside' or an 'inside' grid.

Straight track extensions



XTS14
Connector middle feed

Silver: XTS141
Black: XTS142
White: XTS143
Use with: All track



XTS21
Straight connector

Silver: XTS211
Black: XTS212
White: XTS213
Use with: All track

Flexible Corners



XTS23
Flexible connector

Silver: XTS231
Black: XTS232
White: XTS233
Use with: All track



XTS24
Adjustable connector

Silver: XTS241
Black: XTS242
White: XTS243
Use with: All track

X-connector



XTS38
X-connector

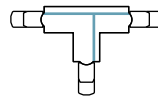
Silver: XTS381
Black: XTS382
White: XTS383
Use with: All track

T-connectors (outside grids only)



XTS39
T-connector

Silver: XTS391
Black: XTS392
White: XTS393
Use with: All track



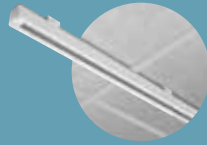
XTS36
T-connector mirror

Silver: XTS361
Black: XTS362
White: XTS363
Use with: All track



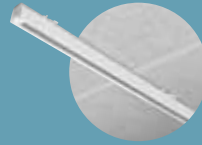
Suspension mount

To suspend track from the ceiling



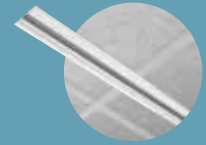
Surface mount

To mount track onto a solid surface



Surface mount to suspended ceiling

To mount track on the surface of a suspended ceiling



Recessed mount

To mount track flush to a ceiling

Surface mount



SKB12
Surface mount clamp

Silver: SKB121
Black: SKB122
White: SKB123

Suspended surface mount



SKB11T
Suspended ceiling clamp

Silver: SKB11T1
Black: SKB11T2
White: SKB11T3

Recessed mount



SPW1
Wire suspension set (1.5m) **and**

Silver: SPW11
Black: SPW12
White: SPW13
Use with: SKB11R



SKB11R
Recessed ceiling clamp

Silver: SKB11R1
Black: SKB11R2
White: SKB11R3
Use with: SPW1 (optional)



Additional components

Recessed track



XTSF4100
Recessed track (1m)

Silver: XTSF41001
Black: XTSF41002
White: XTSF41003
Use with: XTS11 & XTS41



XTSF4200
Recessed track (2m)

Silver: XTSF42001
Black: XTSF42002
White: XTSF42003
Use with: XTS11 & XTS41



XTS11
Connector end feed **and**

Silver: XTS111
Black: XTS112
White: XTS113
Use with: All track



XTS41
End cap

Silver: XTS411
Black: XTS412
White: XTS413
Use with: All track

Recessed cover plates



XTSF10
Feed cover plate

Silver: XTSF101
Black: XTSF102
White: XTSF103
Use with: XTS11 & XTS14



XTSF30
Connector cover plate

Silver: XTSF301
Black: XTSF302
White: XTSF303
Use with: XTS38, XTS34, XTS35, XTS36, XTS37, XTS39, XTS40

Corners (outside grids only)



XTS35
L-connector mirror

Silver: XTS351
Black: XTS352
White: XTS353
Use with: All track

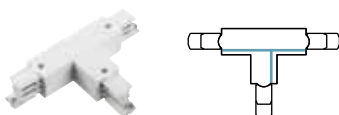
Corners (inside grids only)



XTS34
L-connector

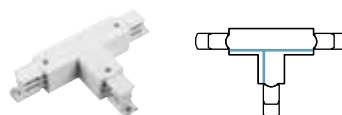
Silver: XTS341
Black: XTS342
White: XTS343
Use with: All track

T-connectors (inside grids only)



XTS37
T-connector

Silver: XTS371
Black: XTS372
White: XTS373
Use with: All track



XTS40
T-connector mirror

Silver: XTS401
Black: XTS402
White: XTS403
Use with: All track

Bending tool



XTSV12
Bending tool

XTSV12
Use with: All track



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Compatible with Global™ 3 circuit track
- Available in white, silver and black finishes
- Choice of colour temperatures and beam angles

LARGE TRACK

Large 38W LED track light

IP20

Ideal for use indoors



7-year extended warranty available



38W

240V

90°

355°



±40°C



1.22kg



L70, B50



35DCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------|------------|--------------|-------|------|------|----------|
| 4000K | Black | 20° | TLBLK2040 | >90Ra | 2800 | 74 | 12950 |
| | Black | 70° | TLBLK7040 | >90Ra | 2800 | 74 | 2400 |
| | Silver | 20° | TLSIL2040 | >90Ra | 2800 | 74 | 12950 |
| | Silver | 70° | TLSIL7040 | >90Ra | 2800 | 74 | 2400 |
| | White | 20° | TLWH2040 | >90Ra | 2800 | 74 | 12950 |
| | White | 70° | TLWH7040 | >90Ra | 2800 | 74 | 2400 |
| 3000K | Black | 20° | TLBLK2030 | >90Ra | 2100 | 55 | 10300 |
| | Black | 70° | TLBLK7030 | >90Ra | 2100 | 55 | 1850 |
| | Silver | 20° | TLSIL2030 | >90Ra | 2100 | 55 | 10300 |
| | Silver | 70° | TLSIL7030 | >90Ra | 2100 | 55 | 1850 |
| | White | 20° | TLWH2030 | >90Ra | 2100 | 55 | 10300 |
| | White | 70° | TLWH7030 | >90Ra | 2100 | 55 | 1850 |

GENERAL

Construction material: Steel / aluminium / polycarbonate

Inrush current: 31A, 0.18ms

WIRING

Cable / flying lead: 3 circuit track

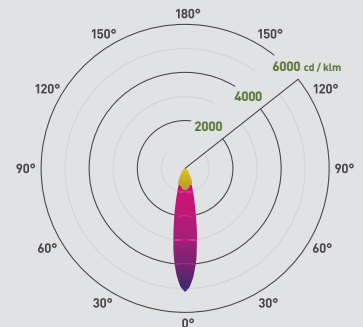
LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|---------|---------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.90 | No | - |

ACCESSORIES

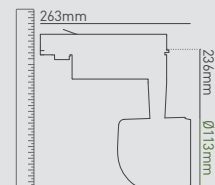
| Product code | Description | |
|-------------------|--|-----|
| TRACK ACCESSORIES | Global™ lighting track and accessories | 180 |
| RHCL* | Glare reducing honeycomb baffle | 185 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



4000K 20° / 4000K 70°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A++
A+
A
B
C
D
E

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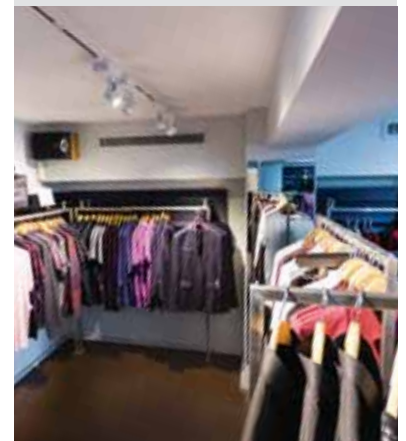


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Fully adjustable luminaire. Direct light as required
- › LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- › Compatible with Global™ 3 circuit track
- › Available in white, silver and black finishes
- › Choice of colour temperatures and beam angles



MEDIUM TRACK

Medium 31W LED track light



Ideal for use indoors



7-year extended warranty available



L70, B50

35DCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------|------------|--------------|-------|------|------|----------|
| 4000K | Black | 20° | TMBLK2040 | >90Ra | 2000 | 64 | 10140 |
| | Black | 70° | TMBLK7040 | >90Ra | 2000 | 64 | 2100 |
| | Silver | 20° | TMSIL2040 | >90Ra | 2000 | 64 | 10140 |
| | Silver | 70° | TMSIL7040 | >90Ra | 2000 | 64 | 2100 |
| | White | 20° | TMWH2040 | >90Ra | 2000 | 64 | 10140 |
| | White | 70° | TMWH7040 | >90Ra | 2000 | 64 | 2100 |
| 3000K | Black | 20° | TMBLK2030 | >90Ra | 1700 | 55 | 8900 |
| | Black | 70° | TMBLK7030 | >90Ra | 1700 | 55 | 1750 |
| | Silver | 20° | TMSIL2030 | >90Ra | 1700 | 55 | 8900 |
| | Silver | 70° | TMSIL7030 | >90Ra | 1700 | 55 | 1750 |
| | White | 20° | TMWH2030 | >90Ra | 1700 | 55 | 8900 |
| | White | 70° | TMWH7030 | >90Ra | 1700 | 55 | 1750 |

GENERAL

Construction material: Steel / aluminium / polycarbonate

Inrush current: 21.4A, 0.008ms

WIRING

Cable / flying lead: 3 circuit track

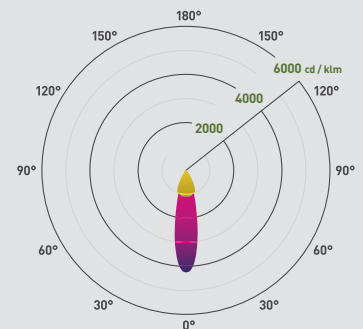
LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|---------|---------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.90 | No | - |

ACCESSORIES

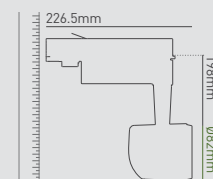
| Product code | Description | |
|-------------------|--|-----|
| TRACK ACCESSORIES | Global™ lighting track and accessories | 180 |
| RHCM* | Glare reducing honeycomb baffle | 185 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



4000K 20° / 4000K 70°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency scale: A+, A, A, C, D, E. LED is indicated.

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Fully adjustable luminaire. Direct light as required
- > LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- > Compatible with Global™ 3 circuit track
- > Available in white, silver and black finishes
- > Choice of colour temperatures and beam angles



SMALL TRACK

Small 16W LED track light

IP20

Ideal for use indoors

G

7-year extended warranty available

20°/50°

16W

240V

90° ↓

355°

-60°C

$+40^{\circ}\text{C}$

420g

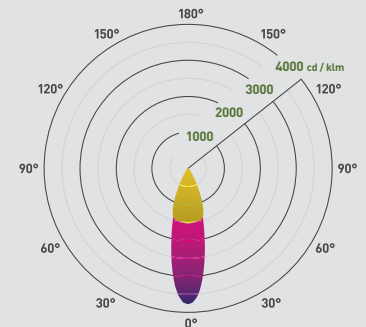
L70, B50

35DCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------|------------|--------------|-------|------|------|----------|
| 4000K | Black | 20° | TSBLK2040 | >90Ra | 1000 | 62 | 4140 |
| | Black | 50° | TSBLK5040 | >90Ra | 1000 | 62 | 1650 |
| | Silver | 20° | TSSIL2040 | >90Ra | 1000 | 62 | 4140 |
| | Silver | 50° | TSSIL5040 | >90Ra | 1000 | 62 | 1650 |
| | White | 20° | TSWH2040 | >90Ra | 1000 | 62 | 4140 |
| | White | 50° | TSWH5040 | >90Ra | 1000 | 62 | 1650 |
| 3000K | Black | 20° | TSBLK2030 | >90Ra | 750 | 48 | 3200 |
| | Black | 50° | TSBLK5030 | >90Ra | 750 | 48 | 1300 |
| | Silver | 20° | TSSIL2030 | >90Ra | 750 | 48 | 3200 |
| | Silver | 50° | TSSIL5030 | >90Ra | 750 | 48 | 1300 |
| | White | 20° | TSWH2030 | >90Ra | 750 | 48 | 3200 |
| | White | 50° | TSWH5030 | >90Ra | 750 | 48 | 1300 |



4000K 20° / 4000K 50°

Additional diagrams available at collingwoodlighting.com

GENERAL

Construction material: Steel / aluminium / polycarbonate

Inrush current: 5.5A, 0.015ms

WIRING

Cable / flying lead: 3 circuit track

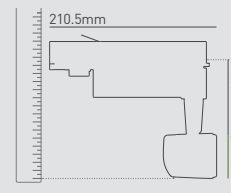
LED DRIVERS

| Product code | Input voltage | Input current | Power factor | Dimming | Bathroom zone |
|------------------------------|---------------|---------------|--------------|---------|---------------|
| N/A (integrated SELV driver) | 220-240V | - | >0.90 | No | - |

ACCESSORIES

| Product code | Description | |
|-------------------|--|-----|
| TRACK ACCESSORIES | Global™ lighting track and accessories | 180 |
| RHCS* | Glare reducing honeycomb baffle | 185 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Add this honeycomb insert to the Collingwood retail products to provide a diffused light
- › To illuminate areas of heavy traffic e.g. pay points or customer service desks

RHCL | RHCM | RHCS

Glare reducing honeycomb baffle

1 yr 1 year guarantee



RHCL



RHCM



RHCS

PRODUCT DATA

| | | |
|--------------|------|----------|
| Product code | RHCL | [Large] |
| | RHCM | [Medium] |
| | RHCS | [Small] |

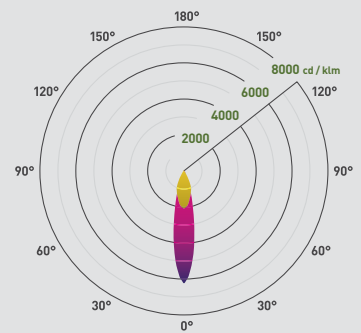
GENERAL

| | |
|-----------------------|-------------------|
| Construction material | Steel / aluminium |
|-----------------------|-------------------|

USE IN CONJUNCTION WITH

| RHCL | RHCM | RHCS |
|-------------|--------------|-------------|
| RDSL | RDSM | RDSS |
| SQSL | SQSM | SQSS |
| LARGE TRACK | MEDIUM TRACK | SMALL TRACK |

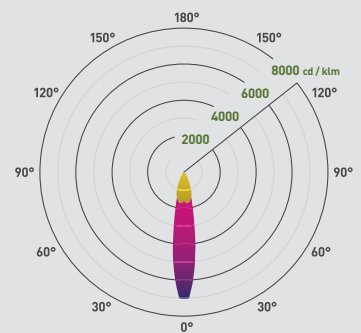
RDSL | SQSL | LARGE TRACK



4000K 20° / 4000K 70°

Additional diagrams available at collingwoodlighting.com

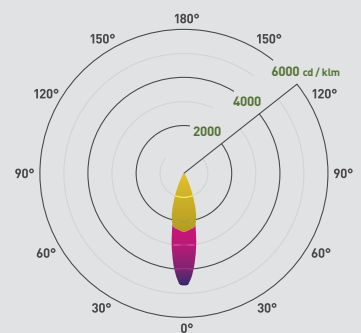
RDSM | SQSM | MEDIUM TRACK



4000K 20° / 4000K 70°

Additional diagrams available at collingwoodlighting.com

RDSS | SQSS | SMALL TRACK



4000K 20° / 4000K 50°

Additional diagrams available at collingwoodlighting.com



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Choice of colour temperatures and beam angles
- Ideal for retail and hospitality environments

RDSL

Large, round, recessed, 32W adjustable LED downlight



Ideal for use indoors



7-year extended warranty available



32W



90° ↓

355° ↻



-40°C



1.76kg



L70, B50

3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------|------------|--------------|-------|------|----------|----------|
| 4000K | Black | 20° | RDSLBLK2040 | >90Ra | 2800 | 88 [73]* | 12950 |
| | Black | 70° | RDSLBLK7040 | >90Ra | 2800 | 88 [73]* | 2400 |
| | Silver | 20° | RDSL SIL2040 | >90Ra | 2800 | 88 [73]* | 12950 |
| | Silver | 70° | RDSL SIL7040 | >90Ra | 2800 | 88 [73]* | 2400 |
| | White | 20° | RDSLWH2040 | >90Ra | 2800 | 88 [73]* | 12950 |
| | White | 70° | RDSLWH7040 | >90Ra | 2800 | 88 [73]* | 2400 |
| 3000K | Black | 20° | RDSLBLK2030 | >90Ra | 2100 | 66 [55]* | 10300 |
| | Black | 70° | RDSLBLK7030 | >90Ra | 2100 | 66 [55]* | 1850 |
| | Silver | 20° | RDSL SIL2030 | >90Ra | 2100 | 66 [55]* | 10300 |
| | Silver | 70° | RDSL SIL7030 | >90Ra | 2100 | 66 [55]* | 1850 |
| | White | 20° | RDSLWH2030 | >90Ra | 2100 | 66 [55]* | 10300 |
| | White | 70° | RDSLWH7030 | >90Ra | 2100 | 66 [55]* | 1850 |

* lm/ctW (lumens per total circuit wattage)

GENERAL

Construction material Aluminium / steel

WIRING

Cable / flying lead 0.30m (0.205mm² red & black PTFE)

Type of wiring required Series (Class III)

LED DRIVERS

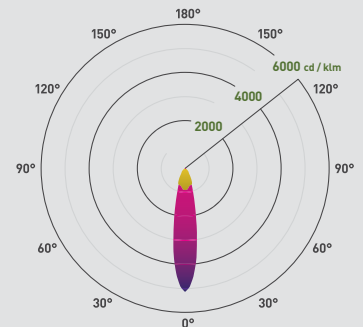
| Product code | mA | SELV | Power factor | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|--------------|-------------|---------------|-----|-----|
| PSDIM900 | 900 | Yes | >0.95 | Yes (1-10V) | - | 1 | 1 |
| PSDAL900M | 900 | Yes | >0.95 | Yes (DALI) | - | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 274-279

ACCESSORIES

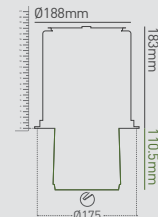
| Product code | Description | Price |
|-----------------|--|-------|
| RHCL† | Glare reducing honeycomb baffle | 185 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

† Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



4000K 20° / 4000K 70°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

A++
A+
A
B
C
D
E

LED

The lamps cannot be changed in the luminaire.

collingwood lighting

874/2012





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Fully adjustable luminaire. Direct light as required
- > LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- > Choice of colour temperatures and beam angles
- > Ideal for retail and hospitality environments

SQSL

Large, square, recessed, 32W adjustable LED downlight

- IP20** Ideal for use indoors
- 7-year extended warranty** available

- 20/70°
- 32W
- 1600lm
- 90°
- 355°
- <60°C
- 1/40°C
- 1.92kg
- 70,000h
- L70, B50
- 3SDCM

PHOTOMETRICS @ 25°C LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | Lx at 1m |
|--------|--------|------------|--------------|-------|------|----------|----------|
| 4000K | Black | 20° | SQSLBLK2040 | >90Ra | 2800 | 88 (73)* | 12950 |
| | Black | 70° | SQSLBLK7040 | >90Ra | 2800 | 88 (73)* | 2400 |
| | Silver | 20° | SQSLSIL2040 | >90Ra | 2800 | 88 (73)* | 12950 |
| | Silver | 70° | SQSLSIL7040 | >90Ra | 2800 | 88 (73)* | 2400 |
| | White | 20° | SQSLWH2040 | >90Ra | 2800 | 88 (73)* | 12950 |
| | White | 70° | SQSLWH7040 | >90Ra | 2800 | 88 (73)* | 2400 |
| 3000K | Black | 20° | SQSLBLK2030 | >90Ra | 2100 | 66 (55)* | 10300 |
| | Black | 70° | SQSLBLK7030 | >90Ra | 2100 | 66 (55)* | 1850 |
| | Silver | 20° | SQSLSIL2030 | >90Ra | 2100 | 66 (55)* | 10300 |
| | Silver | 70° | SQSLSIL7030 | >90Ra | 2100 | 66 (55)* | 1850 |
| | White | 20° | SQSLWH2030 | >90Ra | 2100 | 66 (55)* | 10300 |
| | White | 70° | SQSLWH7030 | >90Ra | 2100 | 66 (55)* | 1850 |

* lm/tcW (lumens per total circuit wattage)

GENERAL

Construction material: Aluminium / steel

WIRING

Cable / flying lead: 0.30m (0.205mm² red & black PTFE)
 Type of wiring required: Series (Class III)

LED DRIVERS

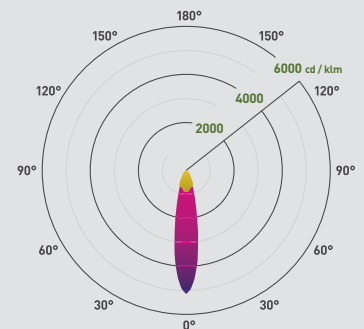
| Product code | mA | SELV | Power factor | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|--------------|-------------|---------------|-----|-----|
| PSDIM900 | 900 | Yes | >0.95 | Yes (1-10V) | - | 1 | 1 |
| PSDAL900M | 900 | Yes | >0.95 | Yes (DALI) | - | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 274-279

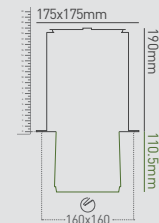
ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| RHCL* | Glare reducing honeycomb baffle | 185 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



4000K 20° / 4000K 70°
 Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED energy efficiency scale: A+, A, A, C, D, E

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Choice of colour temperatures and beam angles
- Ideal for retail and hospitality environments

RDSM

Medium, round, recessed, 26W adjustable LED downlight

IP20

Ideal for use indoors



7-year extended warranty available



26W



90° ↓

355° ↻



-40°C



1.08kg



L70, B50

3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|---------|--------|------------|--------------|-------|------|----------|----------|
| ● 4000K | Black | 20° | RDSMBLK2040 | >90Ra | 2000 | 77 (64)* | 10140 |
| | Black | 70° | RDSMBLK7040 | >90Ra | 2000 | 77 (64)* | 2100 |
| | Silver | 20° | RDSMSIL2040 | >90Ra | 2000 | 77 (64)* | 10140 |
| | Silver | 70° | RDSMSIL7040 | >90Ra | 2000 | 77 (64)* | 2100 |
| | White | 20° | RDSMWH2040 | >90Ra | 2000 | 77 (64)* | 10140 |
| | White | 70° | RDSMWH7040 | >90Ra | 2000 | 77 (64)* | 2100 |
| ● 3000K | Black | 20° | RDSMBLK2030 | >90Ra | 1700 | 65 (54)* | 8900 |
| | Black | 70° | RDSMBLK7030 | >90Ra | 1700 | 65 (54)* | 1750 |
| | Silver | 20° | RDSMSIL2030 | >90Ra | 1700 | 65 (54)* | 8900 |
| | Silver | 70° | RDSMSIL7030 | >90Ra | 1700 | 65 (54)* | 1750 |
| | White | 20° | RDSMWH2030 | >90Ra | 1700 | 65 (54)* | 8900 |
| | White | 70° | RDSMWH7030 | >90Ra | 1700 | 65 (54)* | 1750 |

* lm/lcW (lumens per total circuit wattage)

GENERAL

Construction material Aluminium / steel

WIRING

Cable / flying lead 0.30m (0.205mm² red & black PTFE)

Type of wiring required Series (Class III)

LED DRIVERS

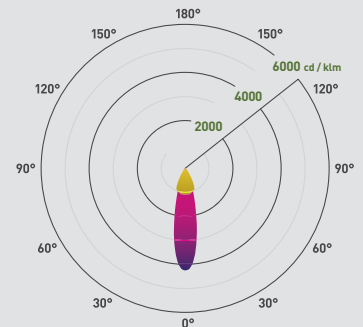
| Product code | mA | SELV | Power factor | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|--------------|-------------|---------------|-----|-----|
| PLD UNI-DRIVE 700MA | 700 | Yes | >0.95 | Yes (1-10V) | - | 1 | 1 |
| PSDIM700 | 700 | Yes | >0.95 | Yes (1-10V) | - | 1 | 2 |
| PSDAL700M | 700 | Yes | >0.95 | Yes (DALI) | - | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 274-279

ACCESSORIES

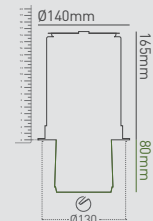
| Product code | Description | Price |
|-----------------|--|-------|
| RHCM* | Glare reducing honeycomb baffle | 185 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



4000K 20° / 4000K 70°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

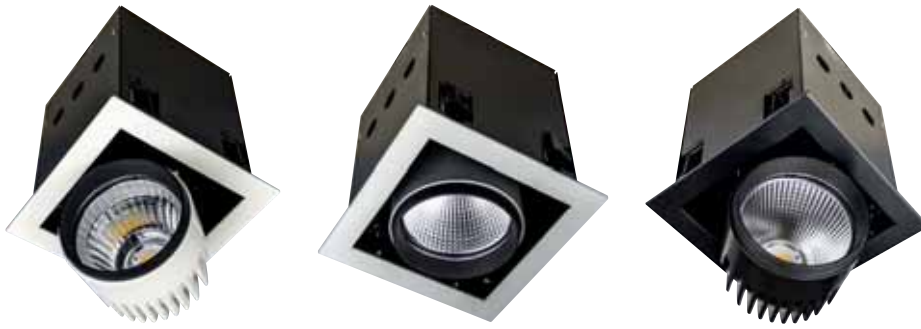
A++
A+
A
B
C
D
E

874/2012





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Choice of colour temperatures and beam angles
- Ideal for retail and hospitality environments

SQSM

Medium, square, recessed, 26W adjustable LED downlight



Ideal for use indoors



7-year extended warranty available



L70, B50

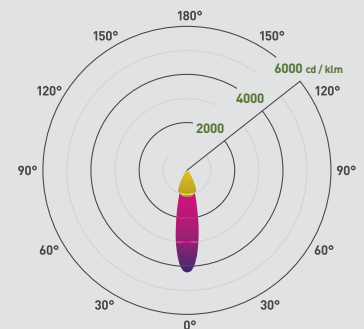
3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

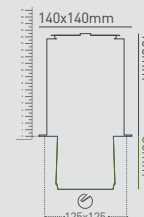
| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------|------------|--------------|-------|------|----------|----------|
| 4000K | Black | 20° | SQSMBLK2040 | >90Ra | 2000 | 77 (64)* | 10140 |
| | Black | 70° | SQSMBLK7040 | >90Ra | 2000 | 77 (64)* | 2100 |
| | Silver | 20° | SQSMSIL2040 | >90Ra | 2000 | 77 (64)* | 10140 |
| | Silver | 70° | SQSMSIL7040 | >90Ra | 2000 | 77 (64)* | 2100 |
| | White | 20° | SQSMWH2040 | >90Ra | 2000 | 77 (64)* | 10140 |
| | White | 70° | SQSMWH7040 | >90Ra | 2000 | 77 (64)* | 2100 |
| 3000K | Black | 20° | SQSMBLK2030 | >90Ra | 1700 | 65 (54)* | 8900 |
| | Black | 70° | SQSMBLK7030 | >90Ra | 1700 | 65 (54)* | 1750 |
| | Silver | 20° | SQSMSIL2030 | >90Ra | 1700 | 65 (54)* | 8900 |
| | Silver | 70° | SQSMSIL7030 | >90Ra | 1700 | 65 (54)* | 1750 |
| | White | 20° | SQSMWH2030 | >90Ra | 1700 | 65 (54)* | 8900 |
| | White | 70° | SQSMWH7030 | >90Ra | 1700 | 65 (54)* | 1750 |

* lm/tcW (lumens per total circuit wattage)



4000K 20° / 4000K 70°

Additional diagrams available at collingwoodlighting.com



GENERAL

Construction material Aluminium / steel

WIRING

Cable / flying lead 0.30m (0.205mm² red & black PTFE)

Type of wiring required Series (Class III)

LED DRIVERS

| Product code | mA | SELV | Power factor | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|--------------|-------------|---------------|-----|-----|
| PLD UNI-DRIVE 700MA | 700 | Yes | >0.95 | Yes (1-10V) | - | 1 | 1 |
| PSDIM700 | 700 | Yes | >0.95 | Yes (1-10V) | - | 1 | 2 |
| PSDAL700M | 700 | Yes | >0.95 | Yes (DALI) | - | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 274-279

ACCESSORIES

| Product code | Description | Price |
|-----------------|--|-------|
| RHCM* | Glare reducing honeycomb baffle | 185 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Fully adjustable luminaire. Direct light as required
- > LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- > Choice of colour temperatures and beam angles
- > Ideal for retail and hospitality environments

RDSS

Small, round, recessed, 13W adjustable LED downlight



Ideal for use indoors



7-year extended warranty available



13W



L70, B50



PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|---------|--------|------------|--------------|-------|------|----------|----------|
| ● 4000K | Black | 20° | RDSSBLK2040 | >90Ra | 1000 | 77 (64)* | 4140 |
| | Black | 50° | RDSSBLK5040 | >90Ra | 1000 | 77 (64)* | 1650 |
| | Silver | 20° | RDSSSIL2040 | >90Ra | 1000 | 77 (64)* | 4140 |
| | Silver | 50° | RDSSSIL5040 | >90Ra | 1000 | 77 (64)* | 1650 |
| | White | 20° | RDSSWH2040 | >90Ra | 1000 | 77 (64)* | 4140 |
| | White | 50° | RDSSWH5040 | >90Ra | 1000 | 77 (64)* | 1650 |
| ● 3000K | Black | 20° | RDSSBLK2030 | >90Ra | 750 | 58 (48)* | 3200 |
| | Black | 50° | RDSSBLK5030 | >90Ra | 750 | 58 (48)* | 1300 |
| | Silver | 20° | RDSSSIL2030 | >90Ra | 750 | 58 (48)* | 3200 |
| | Silver | 50° | RDSSSIL5030 | >90Ra | 750 | 58 (48)* | 1300 |
| | White | 20° | RDSSWH2030 | >90Ra | 750 | 58 (48)* | 3200 |
| | White | 50° | RDSSWH5030 | >90Ra | 750 | 58 (48)* | 1300 |

* lm/lcW (lumens per total circuit wattage)

GENERAL

Construction material Aluminium / steel

WIRING

Cable / flying lead 0.30m (0.205mm² red & black PTFE)

Type of wiring required Series (Class III)

LED DRIVERS

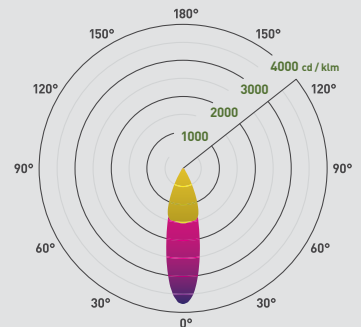
| Product code | mA | SELV | Power factor | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|--------------|-------------|---------------|-----|-----|
| PLD UNI-DRIVE 350MA | 350 | Yes | >0.95 | Yes (1-10V) | - | 1 | 1 |
| PSDIM350 | 350 | Yes | >0.95 | Yes (1-10V) | - | 1 | 2 |
| PSDAL350M | 350 | Yes | >0.95 | Yes (DALI) | - | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 274-279

ACCESSORIES

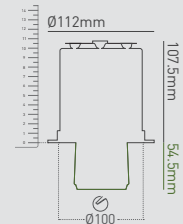
| Product code | Description | |
|-----------------|--|-----|
| RHCS* | Glare reducing honeycomb baffle | 185 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



4000K 20° / 4000K 50°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Fully adjustable luminaire. Direct light as required
- › LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- › Choice of colour temperatures and beam angles
- › Ideal for retail and hospitality environments

SQSS

Small, square, recessed, 13W adjustable LED downlight



Ideal for use indoors



7-year extended warranty available



L70, B50

35DCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

| Colour | Finish | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|--------|------------|--------------|-------|------|----------|----------|
| 4000K | Black | 20° | SQSSBLK2040 | >90Ra | 1000 | 77 (64)* | 4140 |
| | Black | 50° | SQSSBLK5040 | >90Ra | 1000 | 77 (64)* | 1650 |
| | Silver | 20° | SQSSSIL2040 | >90Ra | 1000 | 77 (64)* | 4140 |
| | Silver | 50° | SQSSSIL5040 | >90Ra | 1000 | 77 (64)* | 1650 |
| | White | 20° | SQSSWH2040 | >90Ra | 1000 | 77 (64)* | 4140 |
| | White | 50° | SQSSWH5040 | >90Ra | 1000 | 77 (64)* | 1650 |
| 3000K | Black | 20° | SQSSBLK2030 | >90Ra | 750 | 58 (48)* | 3200 |
| | Black | 50° | SQSSBLK5030 | >90Ra | 750 | 58 (48)* | 1300 |
| | Silver | 20° | SQSSSIL2030 | >90Ra | 750 | 58 (48)* | 3200 |
| | Silver | 50° | SQSSSIL5030 | >90Ra | 750 | 58 (48)* | 1300 |
| | White | 20° | SQSSWH2030 | >90Ra | 750 | 58 (48)* | 3200 |
| | White | 50° | SQSSWH5030 | >90Ra | 750 | 58 (48)* | 1300 |

* lm/tcW (lumens per total circuit wattage)

GENERAL

Construction material Aluminium / steel

WIRING

Cable / flying lead 0.30m (0.205mm² red & black PTFE)

Type of wiring required Series (Class III)

LED DRIVERS

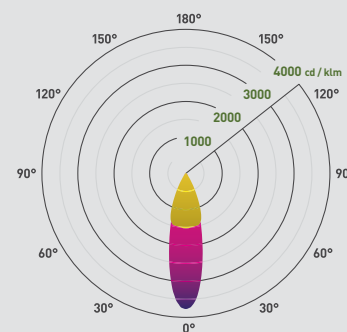
| Product code | mA | SELV | Power factor | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|--------------|-------------|---------------|-----|-----|
| PLD UNI-DRIVE 350MA | 350 | Yes | >0.95 | Yes (1-10V) | - | 1 | 1 |
| PSDIM350 | 350 | Yes | >0.95 | Yes (1-10V) | - | 1 | 2 |
| PSDAL350M | 350 | Yes | >0.95 | Yes (DALI) | - | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 274-279

ACCESSORIES

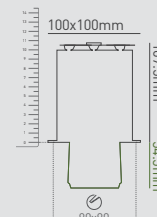
| Product code | Description | |
|-----------------|--|-----|
| RHCS* | Glare reducing honeycomb baffle | 185 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%



4000K 20° / 4000K 50°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

A+

A

A

A

B

C

D

E

F

LED

The lamps cannot be changed in the luminaire.

874/2012

UNIVERSAL LIGHTS

To create extraordinary lit environments



VERSATILITY

Whether it's the underwater life in a pond, a shop window display or a historical monument that is being illuminated, there will be a product within the Universal Lights range that will provide a solution. Made from marine grade stainless steel 316 or anodised aluminium, these lights are designed to be ultra-flexible and durable. They can be used in almost any environment, and have very few limitations.



SPOTLIGHTS - THE UL030 & UL010

Highlight points of focus and architectural features, inside and out, using these smart, powerful yet compact fittings. The UL030 is larger and more powerful, making it suitable for highlighting objects from a greater distance. The discreet UL010 is ideal for picking out details or lighting closer objects.



UL030

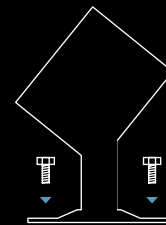
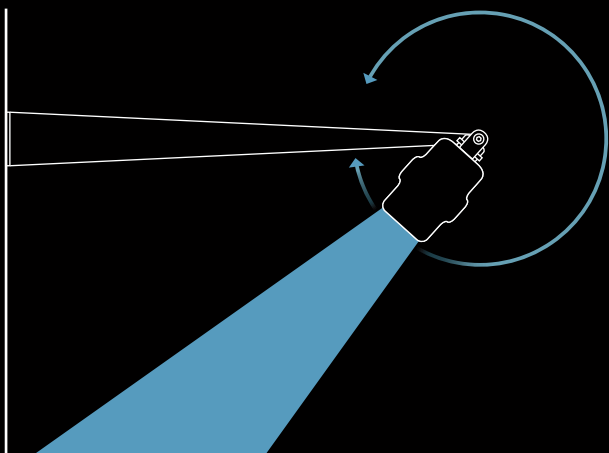


UL010

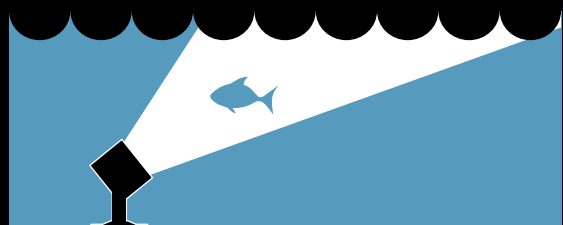
They can be mounted on most surfaces where recessing fittings is not possible.

UL BRACKET

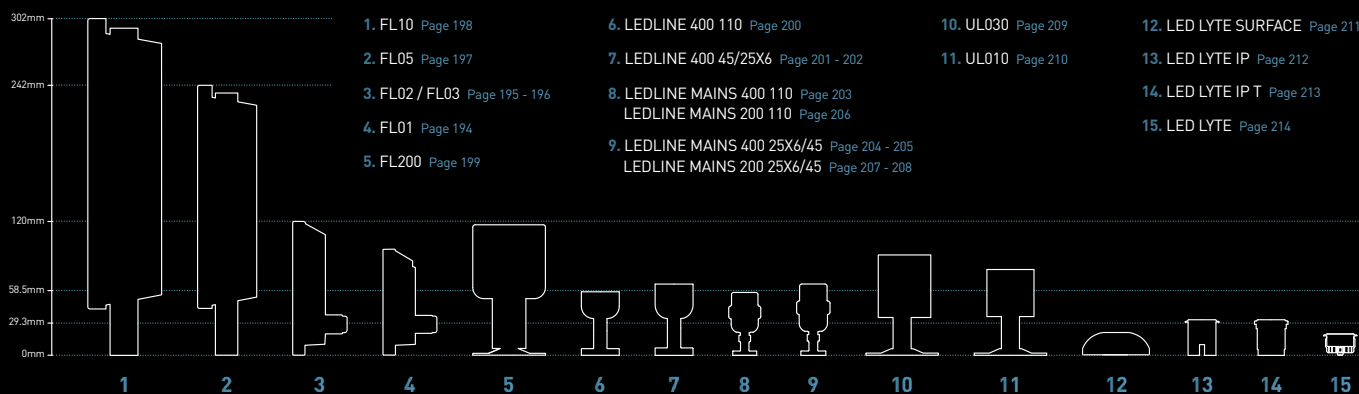
The UL Bracket allows you to adjust your LEDLINE fitting to an angle of your choice: providing more options for how, and where, you direct the light. It is perfect for directing the light back onto a facade to highlight signage or features.



The UL030 and the UL010 are both fully submersible to 9m, and can be used to highlight pond life and other water features.



SIZE COMPARISON

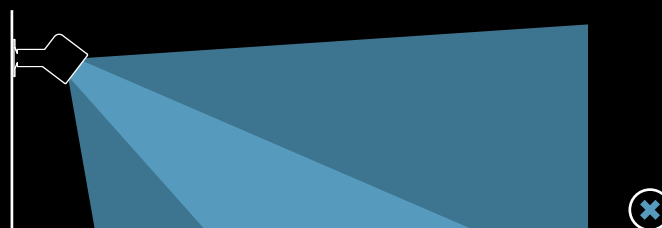
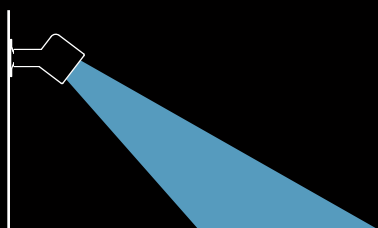


ELLIPTICAL LIGHTS - THE FL200

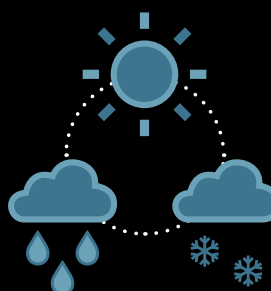
The FL200 is an extremely practical product, featuring an inbuilt mains dimmable LED driver and waterproof mains connector. It's ideal for hard to reach locations where the need for low maintenance lighting solutions is a priority.



The FL200 has been designed to provide a tightly controlled elliptical beam of light avoiding light pollution.



As it's frequently installed in hard to reach places, the product is constructed from anodised aluminium. Anodising, as opposed to powder coating, ensures it will not corrode. The bracket (typically the weak point of cheaper flood lights on the market) is 316 marine grade stainless steel to ensure rigidity and longevity. Many floodlights on the market will corrode and have the potential for rust to drip from the fixture, making unsightly marks on surfaces.



Anodised aluminium & 316 marine grade stainless steel

Anodised aluminium will keep its black colour and quality finish even when faced with weathering.

316 marine grade stainless steel ensures a strong long lasting bracket.

Weathering over time

Powder coated aluminium & untreated steel

Powder coated aluminium can corrode, blister and crack. This results in corrosion of the aluminium.

If a cheaper metal is used it is prone to rust which can run down onto the surface below. A cheaper metal is also weaker and more likely to break over time.



COLLINGWOOD
LIGHTING



NEW



With PIR sensor

FEATURES & BENEFITS

- > Wide 120° general purpose exterior floodlight
- > Ideal for lighting large areas, courtyards, entrances or uplighting trees and buildings
- > Standard version IP65
PIR version IP44
- > Straight to mains product supplied with 1m flying lead
- > Supplied with tiltable bracket that can be easily adjusted

FL01
10W flood light

IP65*
Ideal for use outdoors

PIR
PIR sensor option available

100lm/W+
High efficacy

3
3-year extended warranty available

120°

10W

240V

180°

<40°C

25,000h

6SCDM

* IP65 for non-PIR sensor options only, PIR options are IP44

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL01BC2X40 | >80Ra | 1080 | 103 | 461 |
| 3000K | 120° | FL01BC2X30 | >80Ra | 1040 | 100 | 444 |

PIR SENSOR OPTION PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL01BC2P40 | >80Ra | 1070 | 100 | 457 |
| 3000K | 120° | FL01BC2P30 | >80Ra | 1010 | 94 | 431 |

GENERAL

| | |
|-----------------------|------------------------------|
| Construction material | Black painted cast aluminium |
|-----------------------|------------------------------|

WIRING

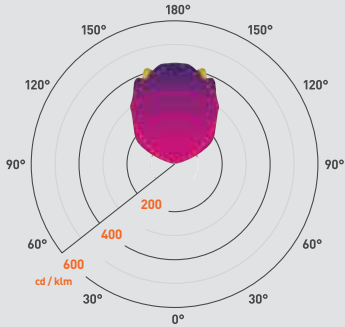
| | |
|-------------------------|--------------------------------------|
| Cable / flying lead | 1m flying lead |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

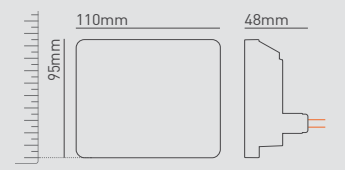
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|--------------|---|
| - | There are currently no accessories associated with this product |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++

A+

A

B

C

D

E

}

LED

collingwood lighting



COLLINGWOOD LIGHTING



NEW

With PIR sensor

FEATURES & BENEFITS

- Wide 120° general purpose exterior floodlight
- Ideal for lighting large areas, courtyards, entrances or uplighting trees and buildings
- Standard version IP65 PIR version IP44
- Straight to mains product supplied with 1m flying lead
- Supplied with tiltable bracket that can be easily adjusted

FL02
20W flood light

- IP65* Ideal for use outdoors
- PIR PIR sensor option available
- 100lm/W+ High efficacy
- 3-year extended warranty available

- 120°
- 20W
- 240V
- 180°
- ≤40°C
- ¼40°C
- 25,000h
- 6SCDM

* IP65 for non-PIR sensor options only, PIR options are IP44

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL02BC2X40 | >80Ra | 2120 | 108 | 834 |
| 3000K | 120° | FL02BC2X30 | >80Ra | 1950 | 99 | 767 |

PIR SENSOR OPTION PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL02BC2P40 | >80Ra | 2020 | 101 | 834 |
| 3000K | 120° | FL02BC2P30 | >80Ra | 1970 | 98 | 775 |

GENERAL

Construction material: Black painted cast aluminium

WIRING

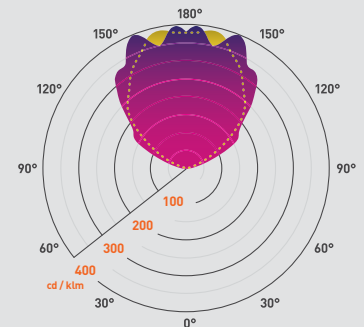
Cable / flying lead: 1m flying lead
Type of wiring required: Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

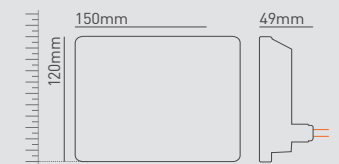
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|--------------|---|
| - | There are currently no accessories associated with this product |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+ A A C D E

LED

874/2012

All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.



COLLINGWOOD
LIGHTING



NEW

With PIR sensor

FEATURES & BENEFITS

- > Wide 120° general purpose exterior floodlight
- > Ideal for lighting large areas, courtyards, entrances or uplighting trees and buildings
- > Standard version IP65
PIR version IP44
- > Straight to mains product supplied with 1m flying lead
- > Supplied with tiltable bracket that can be easily adjusted

FL03
30W flood light

- IP65*** Ideal for use outdoors
- PIR** PIR sensor option available
- 100lm/W+** High efficacy
- 3** 3-year extended warranty available

120°
30W
240V
180°
<40°C
25,000h
6SCDM

* IP65 for non-PIR sensor options only, PIR options are IP44

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL03BC2X40 | >80Ra | 3100 | 104 | 1341 |
| 3000K | 120° | FL03BC2X30 | >80Ra | 3040 | 100 | 1315 |

PIR SENSOR OPTION PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL03BC2P40 | >80Ra | 3100 | 101 | 1341 |
| 3000K | 120° | FL03BC2P30 | >80Ra | 2990 | 98 | 1293 |

GENERAL

| | |
|-----------------------|------------------------------|
| Construction material | Black painted cast aluminium |
|-----------------------|------------------------------|

WIRING

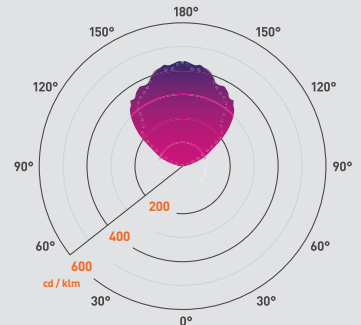
| | |
|-------------------------|--------------------------------------|
| Cable / flying lead | 1m flying lead |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

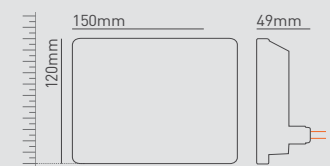
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|--------------|---|
| - | There are currently no accessories associated with this product |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A++ A+ A B C D E

874/2012



COLLINGWOOD
LIGHTING



NEW

FEATURES & BENEFITS

- Wide 120° general purpose exterior floodlight
- Ideal for lighting large areas, courtyards, entrances or uplighting trees and buildings
- Standard version IP65 PIR version IP44
- Straight to mains product supplied with 1m flying lead
- Supplied with tiltable bracket that can be easily adjusted

FL05
50W flood light

- IP65*** Ideal for use outdoors
- PIR** PIR sensor option available
- 100lm/W+** High efficacy
- 5** 3-year extended warranty available

- 120°
- 50W
- 240V
- 180°
- ≤40°C
- ¼40°C
- 25,000h
- 6SCDM

* IP65 for non-PIR sensor options only, PIR options are IP44

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL05BC2X40 | >80Ra | 5740 | 109 | 2634 |
| 3000K | 120° | FL05BC2X30 | >80Ra | 5090 | 98 | 2336 |

PIR SENSOR OPTION PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 120° | FL05BC2P40 | >80Ra | 5340 | 98 | 2450 |
| 3000K | 120° | FL05BC2P30 | >80Ra | 5410 | 99 | 2483 |

GENERAL

Construction material: Black painted cast aluminium

WIRING

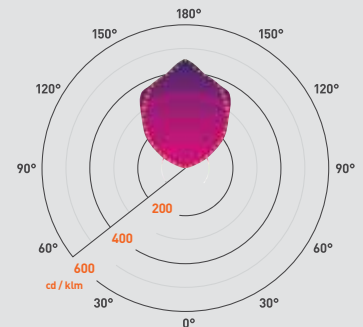
Cable / flying lead: 1m flying lead
Type of wiring required: Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

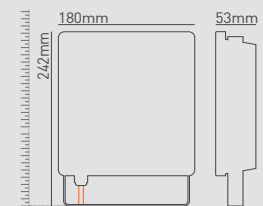
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|--------------|---|
| - | There are currently no accessories associated with this product |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A+ (LED)

LED

874/2012

All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.



COLLINGWOOD
LIGHTING



NEW

FEATURES & BENEFITS

- Wide 120° general purpose exterior floodlight
- Ideal for lighting large areas, courtyards, entrances or uplighting trees and buildings
- Standard version IP65
PIR version IP44
- Straight to mains product supplied with 1m flying lead
- Supplied with tiltable bracket that can be easily adjusted

FL10
100W flood light

- IP65*** Ideal for use outdoors
- PIR** PIR sensor option available
- 100lm/W +** High efficacy
- 3** 3-year extended warranty available

- 120°
- 100W
- 240V
- 180°
- <40°C
- 1/40°C
- 25,000h
- 6SCDM

* IP65 for non-PIR sensor options only, PIR options are IP44

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-------|------|----------|
| 4000K | 120° | FL10BC2X40 | >80Ra | 10900 | 109 | 4488 |
| 3000K | 120° | FL10BC2X30 | >80Ra | 10090 | 100 | 4154 |

PIR SENSOR OPTION PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-------|------|----------|
| 4000K | 120° | FL10BC2P40 | >80Ra | 10500 | 103 | 4323 |
| 3000K | 120° | FL10BC2P30 | >80Ra | 9670 | 94 | 3981 |

GENERAL

| | |
|-----------------------|------------------------------|
| Construction material | Black painted cast aluminium |
|-----------------------|------------------------------|

WIRING

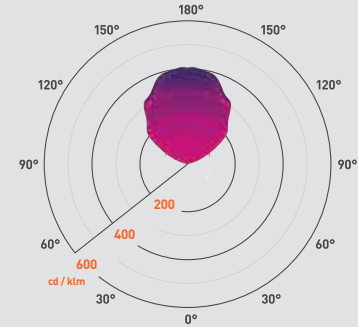
| | |
|-------------------------|--------------------------------------|
| Cable / flying lead | 1m flying lead |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

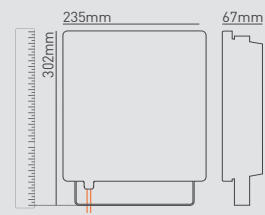
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description |
|--------------|---|
| - | There are currently no accessories associated with this product |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



All specifications are believed to be valid at the time of going to print and are subject to change without notice. Allow for ±5% tolerance on all photometric data.

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Complete with wall fixings
- › Straight to mains
- › Mains waterproof connector included
- › Max. 3 on 500W mains dimmer
Max. 5 on 1000W mains dimmer
- › Compatible with many leading lighting control systems

FL200

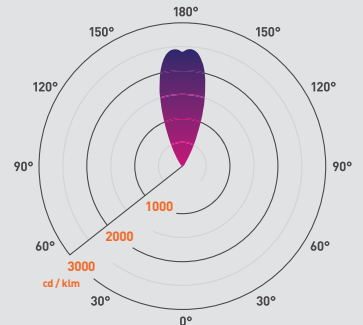
Dimmable linear LED flood light

IP65 Ideal for use outdoors

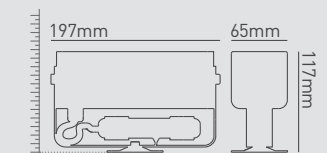
G 7-year extended warranty available

50° 21W 240V 180° 360° $\le 40^{\circ}\text{C}$ 1.3kg 2 70,000h 3SDCM

Patent information: collingwoodlighting.com/patent



4000K 50°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+ A A C D E

LED

874/2012

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 50° | FL200FNW | >70Ra | 1415 | 67 | 2300 |
| 3000K | 50° | FL200FWW | >80Ra | 1292 | 62 | 2050 |

GENERAL

| | |
|-----------------------|---|
| Construction material | Anodised aluminium (body) stainless steel 316 (bracket) |
| Inrush current | 15A 0.5ms |

WIRING

| | |
|-------------------------|--------------------------------------|
| Cable / flying lead | N/A (IP65 waterproof connector) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|-------------|---------------|-----|-----|
| N/A (integrated SELV driver) | 700 | Yes (mains) | 2 | - | - |

ACCESSORIES

| Product code | Description |
|-----------------|--|
| Dimming options | Call us on 01604 495151 for more information |

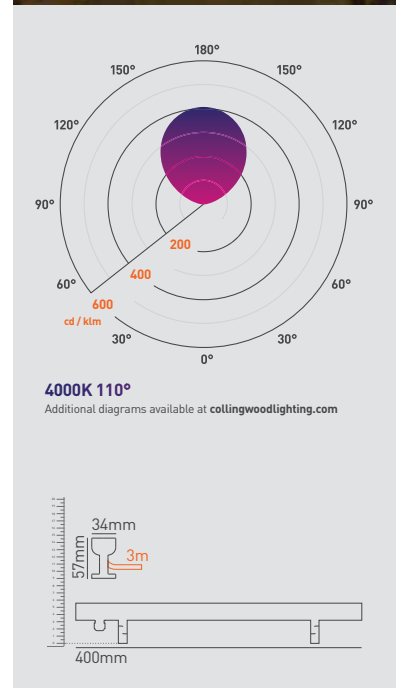
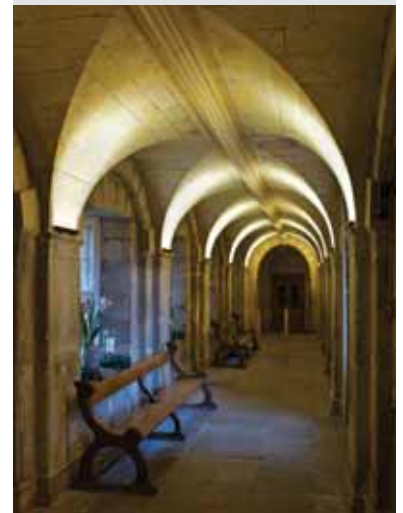


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Robust cable for permanent use outdoors
- > Wide beam angle ideal for wall wash



4000K 110°
Additional diagrams available at collingwoodlighting.com

LEDLINE 400 110

110° LED wall washing light bar

- IP65** Ideal for use outdoors
- G** 7-year extended warranty available
- Also available in RGB See page 251

- 110°
- 16W
- 180°
- 45°C
- ±40°C
- 800g
- 1 ZONE
- 70,000h L70, B10
- 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------------|-------|------|------|----------|
| 4000K | 110° | LEDLINE 400 NW 110 | >70Ra | 1000 | 63 | 519 |
| 3000K | 110° | LEDLINE 400 WW 110 | >80Ra | 750 | 47 | 350 |

GENERAL

Construction material Anodised aluminium

WIRING

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

LED DRIVERS

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/700 3-9 | 700 | Yes | No | 1 | 1 | 1 |
| PL/IP/700 3-9 | 700 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 700MA | 700 | Yes | Yes (1-10V) | 2 | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| JB4 / JB6 | Gel filled junction box | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |

This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++
A+
A
B
C
D
E

LED

collingwood lighting

874/2012



FEATURES & BENEFITS

- › Asymmetric beam angle for distance wall wash
- › Robust cable for permanent use outdoors



LEDLINE 400 25x6

25x6° LED wall washing light bar

 Ideal for use outdoors
 7-year extended warranty available
 Also available in RGB See page 252

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------------|-------|------|------|----------|
| 4000K | 25x6° | LEDLINE 400 NW 25X6 | >70Ra | 1000 | 63 | 3692 |
| 3000K | 25x6° | LEDLINE 400 WW 25X6 | >80Ra | 750 | 47 | 2820 |

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 3m (H05RN-F) rubberised cable (outside diameter: 6mm)

Type of wiring required: Series

LED DRIVERS

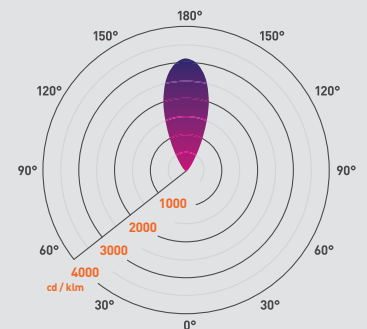
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/700 3-9 | 700 | Yes | No | 1 | 1 | 1 |
| PL/IP/700 3-9 | 700 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 700MA | 700 | Yes | Yes (1-10V) | 2 | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 264

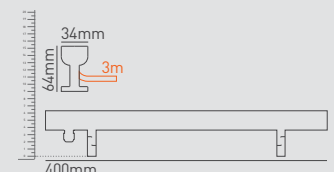
ACCESSORIES


| Product code | Description | Price |
|-----------------|--|-------|
| JB4 / JB6 | Gel filled junction box | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| WCR 275 BLACK | 2-Core rubber cable | 281 |
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |




4000K 25x6°


Additional diagrams available at collingwoodlighting.com



 This luminaire contains built-in LED lamps.



The lamps cannot be changed in the luminaire.



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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > 45° beam angle ideal for mid-level wall wash
- > Robust cable for permanent use outdoors



LEDLINE 400 45

45° LED wall washing light bar



Ideal for use outdoors



7-year extended warranty available



Also available in RGB See page 253



ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------------|-------|------|------|----------|
| 4000K | 45° | LEDLINE 400 NW 45 | >70Ra | 1000 | 63 | 1752 |
| 3000K | 45° | LEDLINE 400 WW 45 | >80Ra | 750 | 47 | 1415 |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 3m (H05RN-F) rubberised cable (outside diameter: 6mm)

Type of wiring required Series

LED DRIVERS

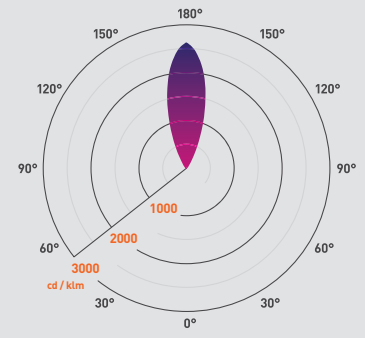
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/700 3-9 | 700 | Yes | No | 1 | 1 | 1 |
| PL/IP/700 3-9 | 700 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 700MA | 700 | Yes | Yes (1-10V) | 2 | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 264

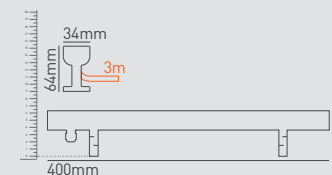
ACCESSORIES

| Product code | Description | |
|-----------------|--|-----|
| JB4 / JB6 | Gel filled junction box | 281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| WCR 275 BLACK | 2-Core rubber cable | 281 |
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |



4000K 45°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Wide beam angle ideal for wall wash
- › Mains driver built in for quick installation
- › Robust cable for permanent use outdoors

LEDLINE MAINS 400 110°

110° straight to mains LED wall washing light bar

IP65

Ideal for use outdoors



7-year extended warranty available

110° 19W 240V 180° IK02 -60°C $+35^{\circ}\text{C}$ 1.28kg 2 70,000h 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 110° | ULM345M40 | >80Ra | 1210 | 64 | 499 |
| 3000K | 110° | ULM345M30 | >80Ra | 1320 | 70 | 499 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 2.1A 0.1ms |

WIRING

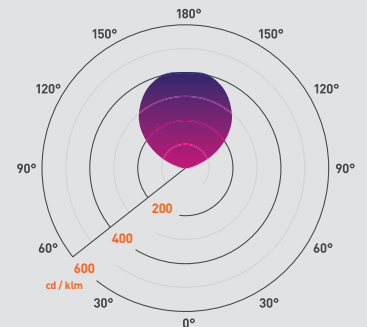
| | |
|-------------------------|---|
| Cable / flying lead | 3m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | 700 | No | 2 | - | - |

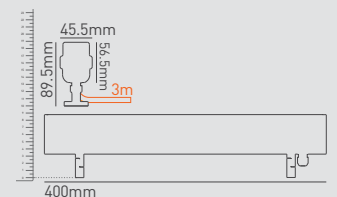
ACCESSORIES

| Product code | Description | |
|--------------|--|-----|
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+ A A C D E

LED

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Asymmetric beam angle for distance wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors

LEDLINE MAINS 400 25x6°

25x6° straight to mains LED wall washing light bar



Ideal for use outdoors



7-year extended warranty available



ZONE

L70, B50

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 25x6° | ULM346M40 | >80Ra | 940 | 50 | 3480 |
| 3000K | 25x6° | ULM346M30 | >80Ra | 880 | 46 | 3480 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 2.1A 0.1ms |

WIRING

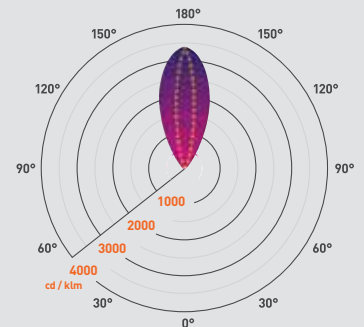
| | |
|-------------------------|---|
| Cable / flying lead | 3m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

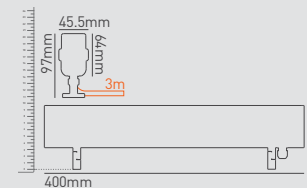
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | 700 | No | 2 | - | - |

ACCESSORIES

| Product code | Description | 215 |
|--------------|--|-----|
| ULBRACKET | 2-piece black anodised aluminium bracket | |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

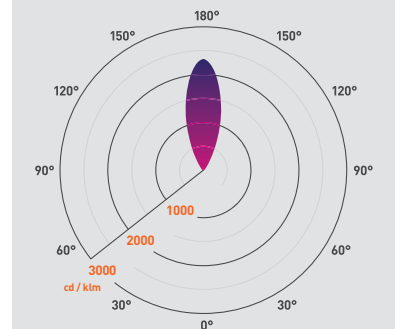
LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red).

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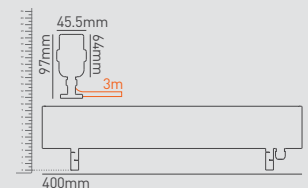


FEATURES & BENEFITS

- > 45° beam angle ideal for mid-level wall wash
- > Mains driver built in for quick installation
- > Robust cable for permanent use outdoors

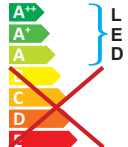


4000K 45°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.



LED

874/2012

LEDLINE MAINS 400 45°

45° straight to mains LED wall washing light bar

- IP65** Ideal for use outdoors
- G** 7-year extended warranty available

- 45°
- 19W
- 240V
- 180°
- IK02
- 60°C
- +35°C
- 1.44kg
- 2 ZONE
- 70,000h L70, B50
- 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|------|------|----------|
| 4000K | 45° | ULM347M40 | >80Ra | 1020 | 53 | 2374 |
| 3000K | 45° | ULM347M30 | >80Ra | 1000 | 53 | 2374 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 2.1A 0.1ms |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 3m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | 700 | No | 2 | - | - |

ACCESSORIES

| Product code | Description | |
|--------------|--|-----|
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Wide beam angle ideal for wall wash
- › Mains driver built in for quick installation
- › Robust cable for permanent use outdoors

LEDLINE MAINS 200 110°

110° straight to mains LED wall washing light bar



Ideal for use outdoors



7-year extended warranty available



ZONE L70, B50 3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 110° | ULS345M40 | >80Ra | 590 | 59 | 265 |
| 3000K | 110° | ULS345M30 | >80Ra | 600 | 60 | 265 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 2.1A 0.1ms |

WIRING

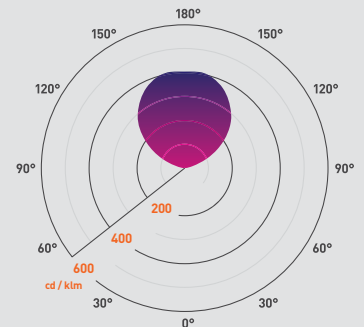
| | |
|-------------------------|---|
| Cable / flying lead | 3m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | 700 | No | 2 | - | - |

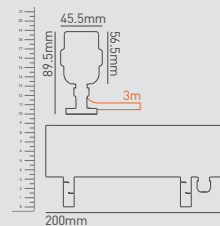
ACCESSORIES

| Product code | Description | |
|--------------|--|-----|
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red).

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FEATURES & BENEFITS

- › Asymmetric beam angle for distance wall wash
- › Mains driver built in for quick installation
- › Robust cable for permanent use outdoors

LEDLINE MAINS 200 25x6°

25x6° straight to mains LED wall washing light bar

- IP65** Ideal for use outdoors
- G** 7-year extended warranty available

- 25x6°
- 10W
- 240V
- 180°
- IK02
- 60°C
- +35°C
- 900g
- 2 ZONE
- 70,000h L70, B50
- 35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 25x6° | ULS346M40 | >80Ra | 490 | 49 | 1560 |
| 3000K | 25x6° | ULS346M30 | >80Ra | 460 | 46 | 1560 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 2.1A 0.1ms |

WIRING

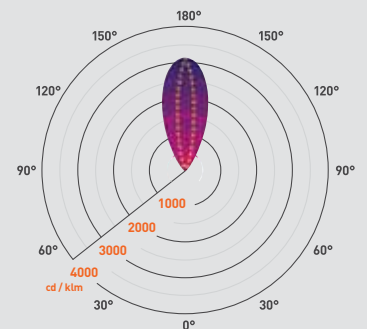
| | |
|-------------------------|---|
| Cable / flying lead | 3m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

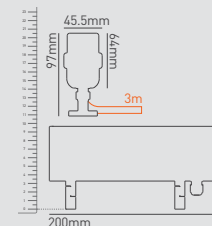
| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | 700 | No | 2 | - | - |

ACCESSORIES

| Product code | Description | |
|--------------|--|-----|
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |



4000K C0/C180 / 4000K C90/C270
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+
A
A
C
D
E

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > 45° beam angle ideal for mid-level wall wash
- > Mains driver built in for quick installation
- > Robust cable for permanent use outdoors

LEDLINE MAINS 200 45°

45° straight to mains LED wall washing light bar



Ideal for use outdoors



7-year extended warranty available



ZONE

L70, B50

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 45° | ULS347M40 | >80Ra | 530 | 53 | 1371 |
| 3000K | 45° | ULS347M30 | >80Ra | 470 | 47 | 1371 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 2.1A 0.1ms |

WIRING

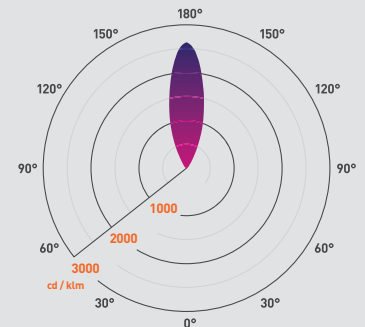
| | |
|-------------------------|---|
| Cable / flying lead | 3m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | 700 | No | 2 | - | - |

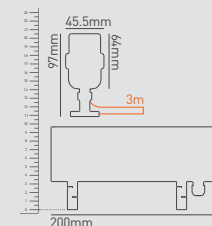
ACCESSORIES

| Product code | Description | |
|--------------|--|-----|
| ULBRACKET | 2-piece black anodised aluminium bracket | 215 |



4000K 45°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

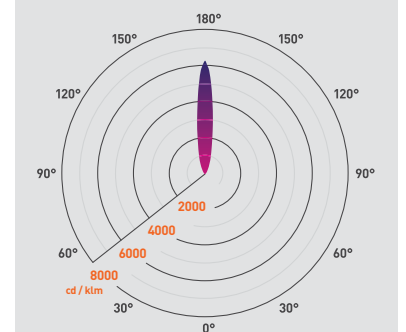
874/2012



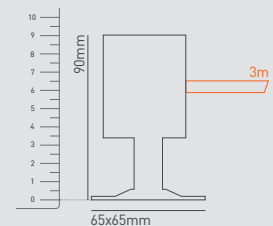


FEATURES & BENEFITS

- › Complete with wall fixings
- › Equivalent to 35W halogen
- › Tilt & rotate for adjusting light
- › Robust cable for use outdoors




4000K 18°
Additional diagrams available at collingwoodlighting.com




UL030


High output universal LED light

 Submersible to 9m
  7-year extended warranty available
  Also available in RGBW See page 254



Patent information: collingwoodlighting.com/patent ZONE L70, B10 35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 18° | UL030 NW | >70Ra | 336 | 48 | 2710 |
| 3000K | 18° | UL030 WW | >80Ra | 254 | 36 | 1513 |
| Blue | 18° | UL030 BL | - | 52 | 7 | 42 |

GENERAL

Construction material Stainless steel (316)

WIRING

Cable / flying lead 3m (H05RN-F) rubberised cable (outside diameter: 6mm)

Type of wiring required Series

LED DRIVERS


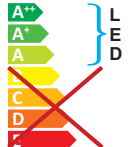
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/700 3-9 | 700 | Yes | No | 1 | 1 | 3 |
| PL/IP/700 1-3 | 700 | Yes | No | 0 | 1 | 1 |
| PLD UNI-DRIVE 700MA | 700 | Yes | Yes (1-10V) | 2 | 1 | 3 |



For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

| Product code | Description | Price |
|-----------------|---|---------|
| JB2 / JB4 | Waterproof junction box / Gel filled waterproof connector | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| WCR 275 BLACK | 2-core rubber cable | 281 |

 This luminaire contains built-in LED lamps.
 

The lamps cannot be changed in the luminaire.

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Complete with wall fixings
- › Robust cable for use outdoors
- › Tilt & rotate for adjusting light



UL010

Universal LED light



Submersible to 9m



7-year extended warranty available



Also available in RGBW See page 255



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 18° | UL010 NW | >70Ra | 119 | 40 | 648 |
| 3000K | 18° | UL010 WW | >80Ra | 95 | 32 | 411 |
| Blue | 18° | UL010 BL | - | - | - | - |

GENERAL

Construction material: Stainless steel (316)

WIRING

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

LED DRIVERS

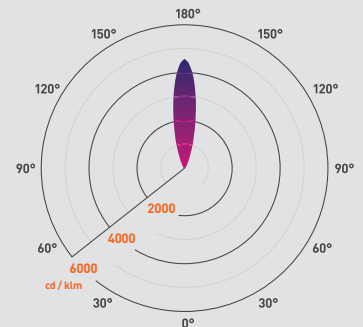
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/700 3-9 | 700 | Yes | No | 1 | 3 | 9 |
| PL/IP/700 1-3 | 700 | Yes | No | 0 | 1 | 3 |
| PLD UNI-DRIVE 700MA | 700 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

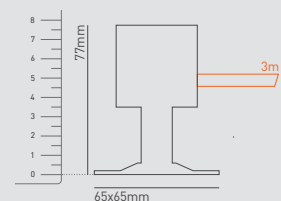
ACCESSORIES

| Product code | Description | |
|-----------------|---|---------|
| JB2 / JB4 | Waterproof junction box / Gel filled waterproof connector | 280-281 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |
| WCR 275 BLACK | 2-core rubber cable | 281 |



4000K 18°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++

LED

874/2012



FEATURES & BENEFITS

- › Plug & Play connector for quick installation
- › Complete with wall fixings
- › Small & discreet, ideal for under cabinet lighting



LED LYTE SURFACE

Surface-mount LED mini light

- IP65** Ideal for use outdoors
- G** 7-year extended warranty available

- 110°
 - 1W
 - 36°C
 - ±35°C
 - 90g
 - 1
 - 70,000h
 - 35DCM
- Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------------|-------|----|------|----------|
| 4000K | 110° | LED LYTE SURFACE NW | >70Ra | 82 | 82 | 46 |
| 3000K | 110° | LED LYTE SURFACE WW | >80Ra | 63 | 63 | 30 |

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 1m (0.205mm² red & black PTFE)

Type of wiring required: Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

LED DRIVERS

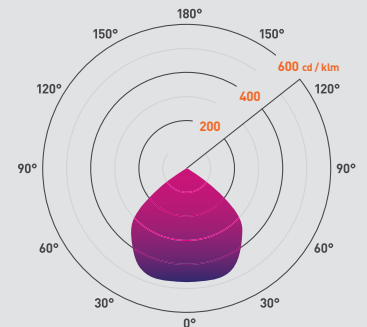
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|------|-------------|---------------|-----|-----|
| PLU/PP/350 1-9 (Plug & Play) | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

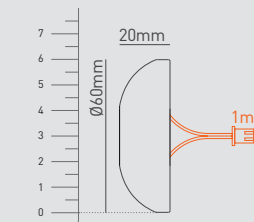
ACCESSORIES


| Product code | Description | |
|--------------------|--|-----|
| LED LYTE 1M EXT | 1m Plug & Play extension lead | 215 |
| LED LYTE 6 WAY EXT | 6-way 1m Plug & Play extension lead | 215 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 110°

Additional diagrams available at collingwoodlighting.com





This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+

A

A

C

D

E

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Plug & Play connector for quick installation
- › Small & discreet
- › Ideal for decorative lighting



LED LYTE IP

IP rated mini LED flood light



Ideal for use outdoors



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------------|-------|----|------|----------|
| 4000K | 110° | LED LYTE IP NW | >70Ra | 82 | 82 | 46 |
| 3000K | 110° | LED LYTE IP WW | >80Ra | 63 | 63 | 30 |
| Amber | 110° | LED LYTE IP AMBER | - | - | - | - |
| Blue | 110° | LED LYTE IP BLUE | - | - | - | - |
| Green | 110° | LED LYTE IP GREEN | - | - | - | - |
| Red | 110° | LED LYTE IP RED | - | - | - | - |

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 1m (0.205mm² red & black PTFE)

Type of wiring required: Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

LED DRIVERS

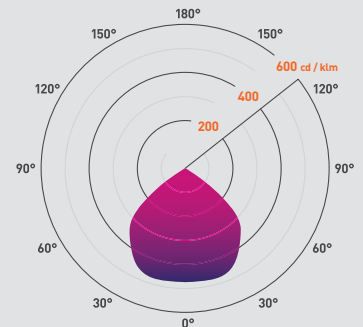
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|------|-------------|---------------|-----|-----|
| PLU/PP/350 1-9 (Plug & Play) | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

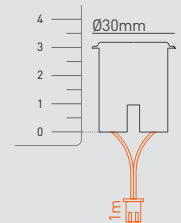
ACCESSORIES

| Product code | Description | |
|--------------------|--|-----|
| LED LYTE 1M EXT | 1m Plug & Play extension lead | 215 |
| LED LYTE 6 WAY EXT | 6-way 1m Plug & Play extension lead | 215 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency scale: A++ (green), A+ (light green), A (yellow-green), B (yellow), C (orange), D (red), E (dark red).

LED

874/2012





FEATURES & BENEFITS

- › Plug & Play connector for quick installation
- › Thread and nut for secure fitting
- › Small & discreet



LED LYTE IP T

IP rated threaded mini LED light

IP65 Ideal for use outdoors

G 7-year extended warranty available

110° 1W 826 40°C 1/35°C 40g 1 70,000h 35DCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|------------------|-------|----|------|----------|
| 4000K | 110° | LED LYTE IP T NW | >70Ra | 82 | 82 | 46 |
| Blue | 110° | LED LYTE IP T BL | - | - | - | - |

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 1m (0.205mm² red & black PTFE)

Type of wiring required: Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

LED DRIVERS

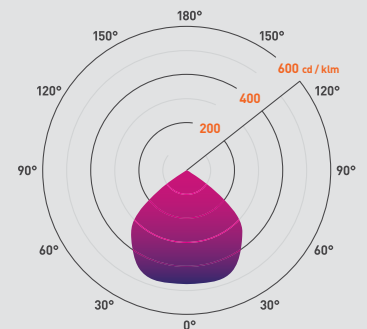
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|------|-------------|---------------|-----|-----|
| PLU/PP/350 1-9 (Plug & Play) | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

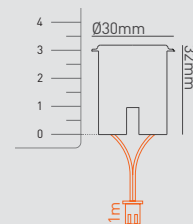
ACCESSORIES

| Product code | Description | Price |
|--------------------|--|-------|
| LED LYTE 1M EXT | 1m Plug & Play extension lead | 215 |
| LED LYTE 6 WAY EXT | 6-way 1m Plug & Play extension lead | 215 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+
A
A
A
C
D
F

LED

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Plug & Play connector for quick installation
- › Small & discreet
- › Ideal for decorative lighting



LED LYTE

Mini LED downlight



L70, B10



3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|----------------|-------|----|------|----------|
| 4000K | 110° | LED LYTE NW | >70Ra | 82 | 82 | 46 |
| 3000K | 110° | LED LYTE WW | >80Ra | 60 | 60 | 30 |
| Amber | 110° | LED LYTE AMBER | - | - | - | - |
| Blue | 110° | LED LYTE BLUE | - | - | - | - |
| Red | 110° | LED LYTE RED | - | - | - | - |

GENERAL

| | |
|-----------------------|---------|
| Construction material | Plastic |
|-----------------------|---------|

WIRING

| | |
|--|--|
| Cable / flying lead | 1m (0.205mm ² red & black PTFE) |
| Type of wiring required | Series (Plug & Play) |
| NB: Removal of plugs will render this product non-returnable | |

LED DRIVERS

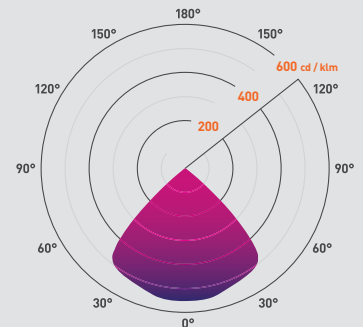
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|------------------------------|-----|------|-------------|---------------|-----|-----|
| PLU/PP/350 1-9 (Plug & Play) | 350 | Yes | No | - | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | - | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | - | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

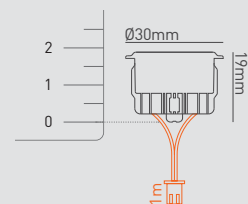
ACCESSORIES

| Product code | Description | |
|--------------------|--|-----|
| LED LYTE 1M EXT | 1m Plug & Play extension lead | 215 |
| LED LYTE 6 WAY EXT | 6-way 1m Plug & Play extension lead | 215 |
| PDC/GRID DIMMER | Grid dimmer kit for multiple fitting types | 280 |



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

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LED LYTE 1M EXT | LED LYTE 6 WAY EXT

1m extension lead | 6-way 1m extension lead

| | |
|-----------------------|---------------------------------------|
| Product Code | LED LYTE 1M EXT LED LYTE 6 WAY EXT |
| Construction material | Plastic |
| Series / parallel | Series (Plug & Play) |
| Cable | 1m |
| Guarantee | 1-year |

NB: Removal of plugs will render this product non-returnable

| USE IN CONJUNCTION WITH | |
|-------------------------|-----|
| DL120 | 95 |
| DL130 | 95 |
| LED LYTE | 214 |
| LED LYTE IP | 212 |
| LED LYTE IP T | 213 |
| LED LYTE SURFACE | 211 |
| PLU/PP/350 1-9 | 276 |
| WL050 | 144 |

- > Plug & Play connectivity removes the need for traditional time consuming wiring
- > Each ext. socket can be used for additional LED
- > Complete circuit with LED or blanking plug

ULBRACKET

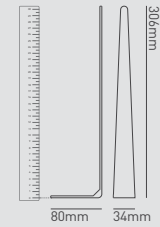
Anodised aluminium bracket for LEDLINE range



| | |
|-----------------------|------------------|
| Product Code | ULBRACKET |
| Construction material | AL6063 aluminium |
| Guarantee | 1-year |

| USE IN CONJUNCTION WITH | |
|-------------------------|-----|
| LEDLINE 400 110 | 200 |
| LEDLINE 400 25X6 | 201 |
| LEDLINE 400 45 | 202 |
| LEDLINE MAINS 400 110 | 203 |
| LEDLINE MAINS 400 25X6 | 204 |
| LEDLINE MAINS 400 45 | 205 |
| LEDLINE MAINS 200 110 | 206 |
| LEDLINE MAINS 200 25X6 | 207 |
| LEDLINE MAINS 200 45 | 208 |
| UL345CARGB | 251 |
| UL346CARGB | 252 |
| UL347CARGB | 253 |

> Supplied with fixtures & fittings



SPIKE LIGHTS

To create engaging outdoor spaces



CHOOSE YOUR EFFECT

Use spike lights to; illuminate pathways, highlight mid-level planting or to pick out features within a garden.



Pathways

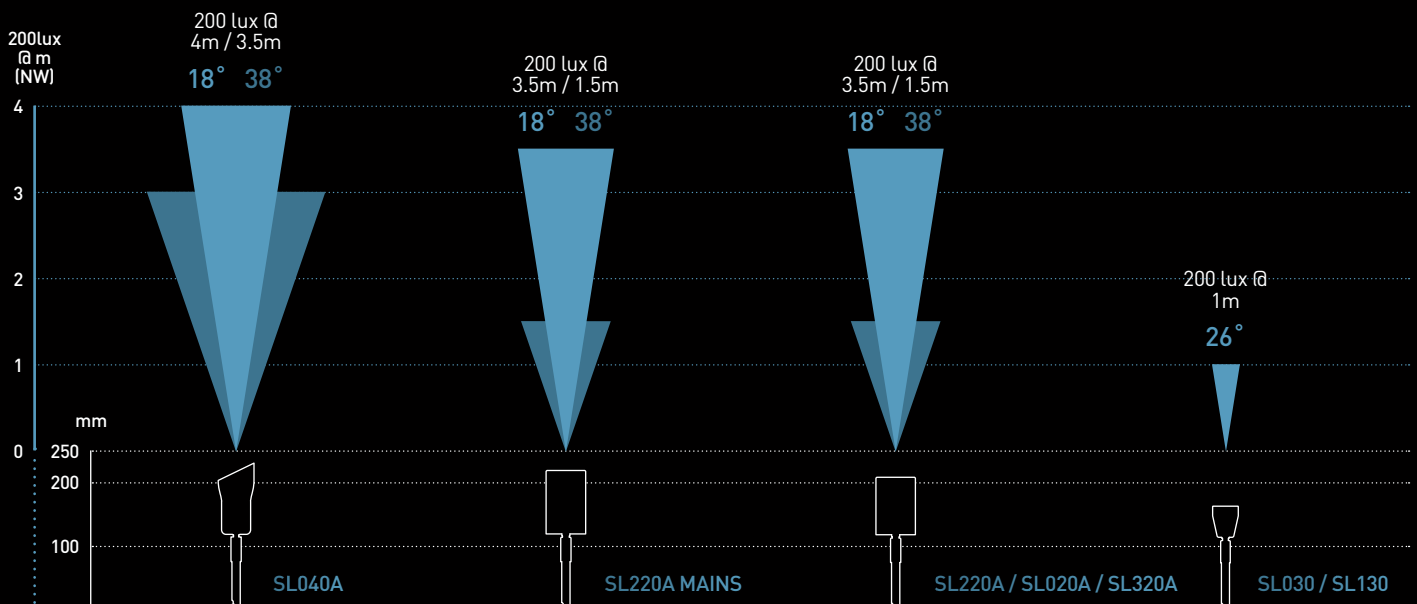


Mid-level planting



Features

PRODUCT COMPARISON



WATERPROOF

Collingwood spike lights are waterproof to IP65 and are designed for permanent use outdoors. Spike lights must be installed using waterproof connections to avoid moisture entering the cable through non-waterproof joints. To choose from our range of waterproof connectors see page 280-281



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

LAYERING LIGHT

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



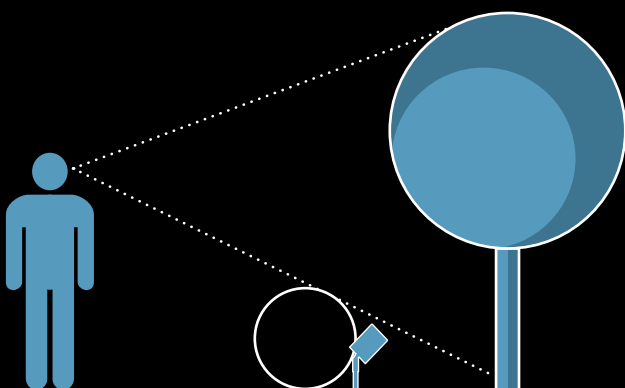
Light confined to one area



Light spread across installation

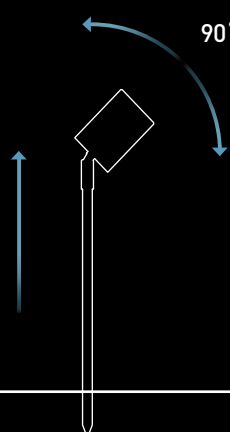
DISCREET LIGHTING

Conceal spike lights to focus the eye on the illumination not the source of light.



FLEXIBILITY

Spike lights are the most flexible lighting choice for a garden. They can be used in a variety of environments and are easy to reposition and adjust, providing the option to change the lighting scheme in line with the seasons. The SL220A MAINS is a straight to mains product, all other spike lights require a constant current power supply, allowing easy repositioning without the need for relaying the 240V AC cables.



Tilt

Select the best angle to illuminate features.

Move

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



**COLLINGWOOD
LIGHTING**



FEATURES & BENEFITS

- › Equivalent to 35W halogen
- › Long spike included for extra stability
- › Robust cable for outdoor use



SL040A

High output LED spike light



Ideal for use outdoors



7-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 4000K | 38° | SL040A F NW | >70Ra | 421 | 60 | 1191 |
| | 18° | SL040A S NW | >70Ra | 421 | 60 | 3736 |
| 3000K | 38° | SL040A F WW | >80Ra | 292 | 42 | 826 |
| | 18° | SL040A S WW | >80Ra | 274 | 39 | 2431 |

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 3m H05RN-F rubberised cable (outside diameter: 6mm)

Type of wiring required: Series

LED DRIVERS

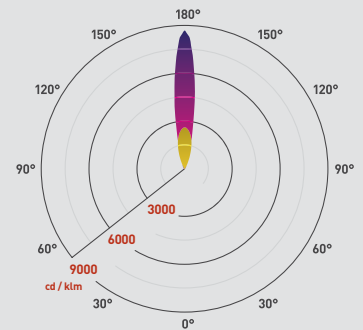
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/700 3-9 | 700 | Yes | No | 1 | 1 | 3 |
| PL/IP/700 1-3 | 700 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 700MA | 700 | Yes | Yes (1-10V) | 2 | 1 | 3 |

For LED driver bathroom zone & additional LED drivers see page 264

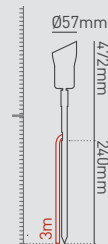
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | Waterproof junction box / Gel filled waterproof connectors | 280-281 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | 1-10V dimmer module | 280 |



4000K 18° / 4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

A++
A+
A
B
C
D
E

LED

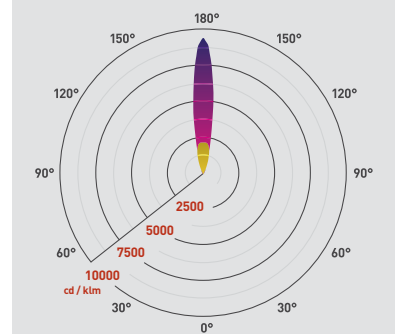
874/2012



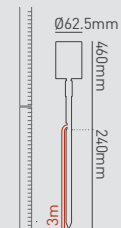


FEATURES & BENEFITS

- › Equivalent to 20W halogen
- › Robust cable for outdoor use
- › Straight to mains

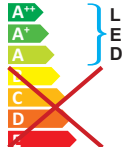


4000K 18° / 4000K 38°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.



LED

874/2012

SL220A MAINS

Straight to mains LED spike light

- IP65** Ideal for use outdoors
- 3** 3-year extended warranty available

- 18|38°
 - 3.6W
 - 240V
 - 90°
 - 40°C
 - ±35°C
 - 700g
 - 2
 - 70,000h
 - 3SDCM
- Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-------------------|-------|-----|------|----------|
| 4000K | 38° | SL220A MAINS F NW | >70Ra | 243 | 68 | 552 |
| | 18° | SL220A MAINS S NW | >70Ra | 276 | 77 | 2514 |
| 3000K | 38° | SL220A MAINS F WW | >80Ra | 180 | 50 | 409 |
| | 18° | SL220A MAINS S WW | >80Ra | 180 | 50 | 1639 |

GENERAL

| | |
|-----------------------|--------------------|
| Construction material | Anodised aluminium |
| Inrush current | 9A 0.8ms |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 3m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description | |
|--------------|---------------------------------|-----|
| JB5 | Gel filled waterproof connector | 281 |



COLLINGWOOD
LIGHTING



SL220A

SL020A BLK

FEATURES & BENEFITS

- › Equivalent to 20W halogen
- › Long spike included for extra stability
- › Robust cable for outdoor use



SL220A | SL020A BLK

3W LED spike light



Ideal for use outdoors



3-year extended warranty available



Also available in RGB See page 259



Patent information: collingwoodlighting.com/patent

ZONE

L70, B10

35DCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|-----------------|-------|-----|------|----------|
| 4000K | 38° | SL220A F NW | >70Ra | 243 | 81 | 552 |
| | 38° | SL020A BLK F NW | >70Ra | 243 | 81 | 552 |
| | 18° | SL220A S NW | >70Ra | 276 | 92 | 2514 |
| | 18° | SL020A BLK S NW | >70Ra | 276 | 92 | 2514 |
| 3000K | 38° | SL220A F WW | >80Ra | 180 | 60 | 409 |
| | 38° | SL020A BLK F WW | >80Ra | 180 | 60 | 409 |
| | 18° | SL220A S WW | >80Ra | 180 | 60 | 1639 |
| | 18° | SL020A BLK S WW | >80Ra | 180 | 60 | 1639 |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 3m H05RN-F rubberised cable (outside diameter: 6mm)

Type of wiring required Series

LED DRIVERS

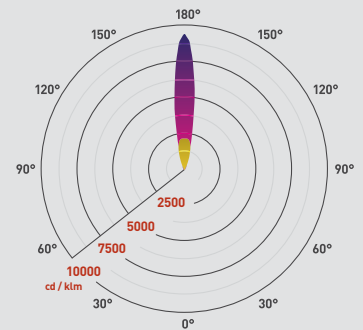
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 3 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 3 |

For LED driver bathroom zone & additional LED drivers see page 264

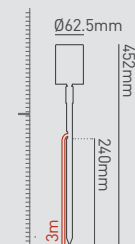
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | Waterproof junction box / Gel filled waterproof connectors | 280-281 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | 1-10V dimmer module | 280 |



4000K 18° / 4000K 38°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012





FEATURES & BENEFITS

- › Equivalent to 20W halogen
- › Long spike included for extra stability
- › Robust cable for outdoor use
- › Copper body for antique effect



SL320A
3W copper LED spike light

IP65 Ideal for use outdoors

3 3-year extended warranty available











Patent information: collingwoodlighting.com/patent ZONE L70, B10 3SDCM

| PHOTOMETRICS @ 25°C | | | | | | |
|---------------------|------------|--------------|-------|-----|------|----------|
| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
| 4000K | 38° | SL320A F NW | >70Ra | 243 | 81 | 552 |
| 3000K | 38° | SL320A F WW | >80Ra | 180 | 60 | 409 |

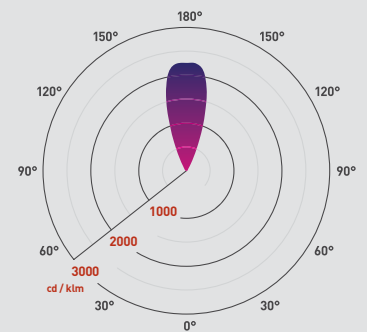
| GENERAL | |
|-----------------------|--------|
| Construction material | Copper |

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

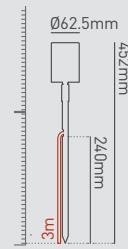
| LED DRIVERS | | | | | | |
|---------------------|-----|------|-------------|---------------|--|-----|
| Product code | mA | SELV | Dimming | Bathroom zone | Bathroom zone applicable to fitting only | |
| | | | | | Min | Max |
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 3 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 1 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes [1-10V] | 2 | 1 | 3 |

For LED driver bathroom zone & additional LED drivers see page 264

| ACCESSORIES | | |
|-----------------|--|---------|
| Product code | Description | |
| JB2 / JB4 / JB6 | Waterproof junction box / Gel filled waterproof connectors | 280-281 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | 1-10V dimmer module | 280 |

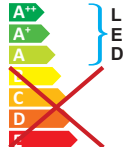


4000K 38°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.



LED

874/2012



COLLINGWOOD
LIGHTING



SL030

SL130

FEATURES & BENEFITS

- › Long spike included for extra stability
- › Robust cable for outdoor use
- › Small & discreet



SL030 | SL130

1W LED spike light

IP65 Ideal for use outdoors **G** 7-year extended warranty available

26° 1W 90° <35°C <35°C 700g 400g 1 L70, B10 3SDCM

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|---------------|-------|----|------|----------|
| 4000K | 26° | SL030 F NW | >70Ra | 95 | 95 | 267 |
| | 26° | SL13040 | >70Ra | 95 | 95 | 267 |
| 3000K | 26° | SL030 F WW | >80Ra | 75 | 75 | 210 |
| | 26° | SL13030 | >80Ra | 75 | 75 | 210 |
| 2700K | 26° | SL13027 | >80Ra | 70 | 70 | 196 |
| Amber | 26° | SL030 F AMBER | - | - | - | - |
| Blue | 26° | SL030 F BLUE | - | - | - | - |
| Green | 26° | SL030 F GREEN | - | - | - | - |
| Red | 26° | SL030 F RED | - | - | - | - |

GENERAL

Construction material SL030: Stainless steel (316) SL130: Anodised aluminium

WIRING

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

LED DRIVERS

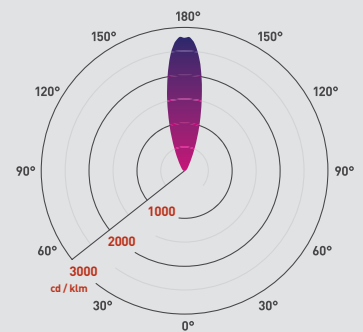
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes (1-10V) | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

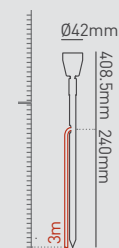
ACCESSORIES

| Product code | Description | |
|-----------------|--|---------|
| JB2 / JB4 / JB6 | Waterproof junction box / Gel filled waterproof connectors | 280-281 |
| WCR 275 BLACK | 2-core rubber cable | 281 |
| PDC/GRID DIMMER | 1-10V Dimmer module | 280 |



4000K 26°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. **A++ A+ A C D E** LED

The lamps cannot be changed in the luminaire.

874/2012



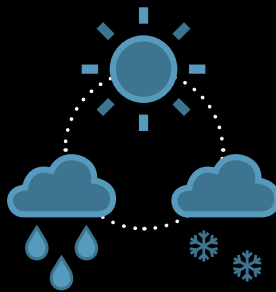
BOLLARDS

To create beautifully lit driveways & pathways



WEATHERING PRODUCTS

Made from hard-wearing Iroko wood, this classic range of bollards is available in a single or triple LED making them ideal for pathways, driveways and car parks. With an IP65 rating, our water protected bollards are ideal for outdoor use. The Iroko wood weathers well to a natural grey colour or can be treated to maintain its original colour.



Treat the Iroko wood with appropriate wood treatment to maintain a new, crisp and bright look.

If Iroko wood is left untreated it will turn a silvery grey colour over time, blending with natural surroundings.

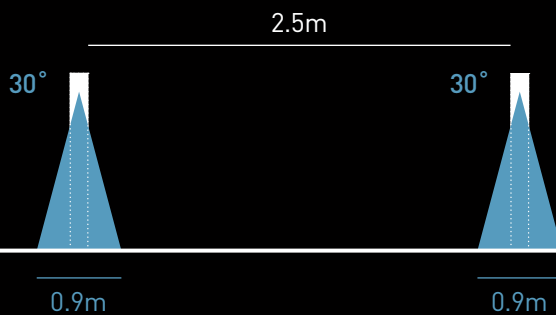
SINGLE LED BOLLARD

Use the BOL LED 1 to add new lighting to existing pathways, gardens or car parks. The remote SELV power supply provides increased flexibility when fitting. Long distances of cable can be surface mounted within trunking.

Bollards can be positioned further apart to highlight points in a pathway or used to create focal points around the bollard marking a specific area of the space.



For a pathway with regular points highlighted...



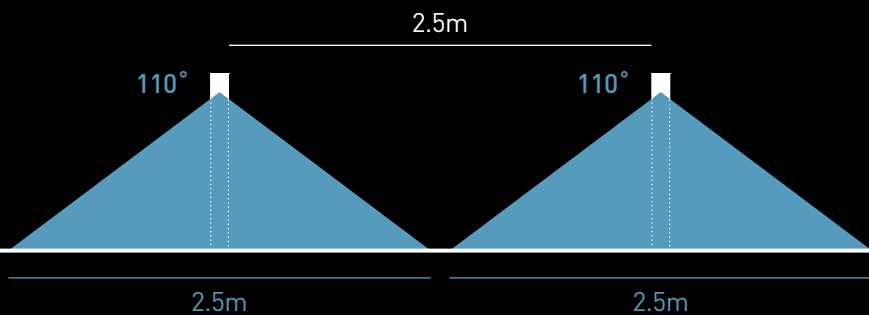
TRIPLE LED BOLLARD

Using an integral power supply, this direct to mains bollard is ideal for replacing old and tired bollard lighting, using existing cables or as part of a new build, where cable can easily be installed with minimal impact.

Using 3 LEDs instead of 1 and a wider beam angle, allows for the bollards to be positioned further apart whilst still creating an even spread of light along the length of a pathway.



For a pathway consistently lit at 30 lux...





MOUNTING BRACKETS

WATERPROOF

WOODEN BOLLARDS

A surface mount bracket is available for installation of Iroko wood bollards onto hard surfaces. Made from stainless steel ensuring the quality matches the bollard.



BOL255 & BOL256

A marine grade stainless steel root mounting kit is available for installation of the anodised aluminium bollards into concrete or other building materials.



Collingwood bollards are waterproof to IP65 and are designed for permanent use outdoors. Collingwood bollards must be installed using waterproof connections to avoid moisture entering the cable through non-waterproof joints. To choose from our range of waterproof connectors see page 280-281.



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



360° ILLUMINATION

Space bollards as you feel appropriate, the below diagram can be used as a guide

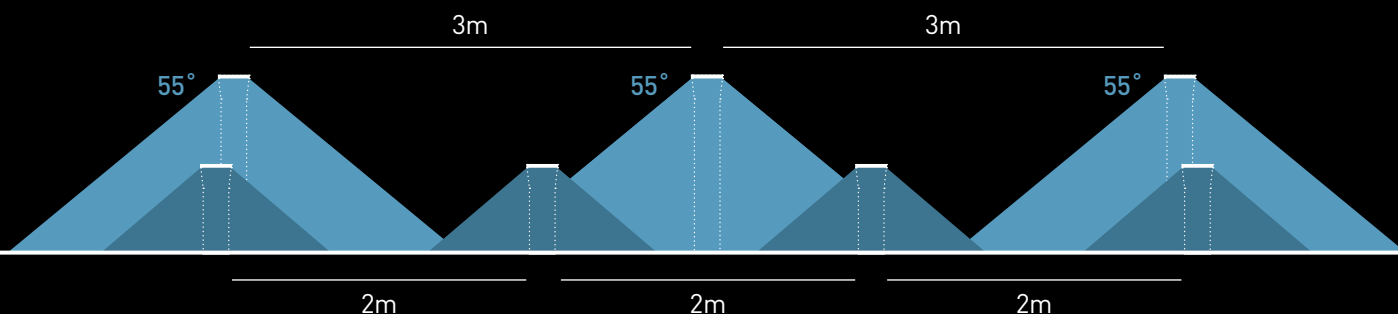
The anodised aluminium bollards offer 360° illumination, making them ideal for lighting footpaths in parks, car parks and driveways.

Available in two heights. The 585mm bollard will give a strong, more focussed light, whilst the 985mm bollard can be positioned further apart, whilst still providing an even spread of light. Concealed wiring and connections makes for a clean and professional finish to any installation.

Surface mount onto decking or use the root mounting kit for installation into gravel or concrete.

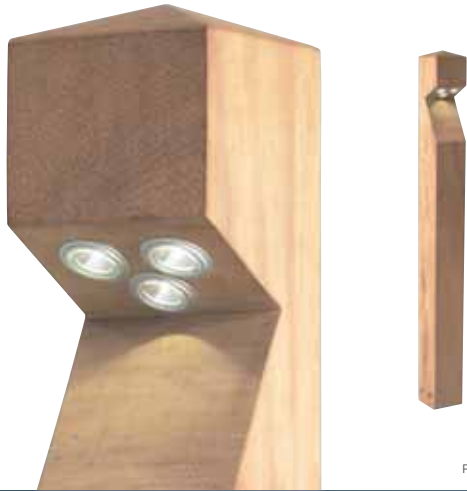


For a pathway consistently lit at 30 lux...





COLLINGWOOD
LIGHTING



Patent information: collingwoodlighting.com/patent

FEATURES & BENEFITS

- › Use with chain / rope to edge path (not supplied)
- › Robust cable for outdoor use
- › Wood treatment is necessary to prevent weathering and/or cracking. Teak oil can be used to protect wood and preserve colour. Use a premium woodcare product to stain and protect. Always follow the manufacturer's instructions and reapply as directed.



BOL LED MAINS

Straight to mains, wooden LED bollard



Ideal for use outdoors



7-year extended warranty available



* Extended warranty available on LEDs and LED driver only

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|----------------------|-------|-----|------|----------|
| 4000K | 110° | BOL LED 030 MAINS NW | >70Ra | 246 | 49 | 104 |
| 3000K | 110° | BOL LED 030 MAINS WW | >80Ra | 160 | 32 | 80 |

GENERAL

| | |
|-----------------------|------------|
| Construction material | Iroko wood |
| Inrush current | 9A 0.8ms |

WIRING

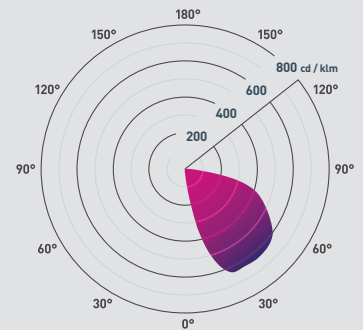
| | |
|-------------------------|---|
| Cable / flying lead | 1.8m (H05RN-F) rubberised cable (outside diameter: 7mm) |
| Type of wiring required | Parallel (mains) 220-240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (Integrated SELV driver) | - | No | 2 | - | - |

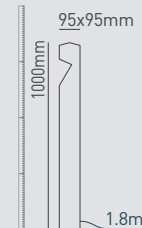
ACCESSORIES

| Product code | Description | |
|-----------------|---|-----|
| BOL LED BRACKET | Stainless steel bracket for BOL LED range | 228 |
| JB5 | Gel filled junction box | 281 |



4000K 110°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

874/2012





COLLINGWOOD
LIGHTING



Patent information: collingwoodlighting.com/patent

FEATURES & BENEFITS

- › Use with chain / rope to edge path (not supplied)
- › Robust cable for outdoor use
- › Wood treatment is necessary to prevent weathering and/or cracking. Teak oil can be used to protect wood and preserve colour. Use a premium woodcare product to stain and protect. Always follow the manufacturer's instructions and reapply as directed.



BOL LED 1

Wooden LED bollard



Ideal for use outdoors



7-year extended warranty available



* Extended warranty available on LEDs and LED driver only

ZONE

L70, B10

3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|----|------|----------|
| 4000K | 26° | BOL LED 1 NW | >70Ra | 95 | 95 | 267 |
| 3000K | 26° | BOL LED 1 WW | >80Ra | 75 | 75 | 210 |

GENERAL

Construction material: Iroko wood

WIRING

Cable / flying lead: 1.8m (H05RN-F) rubberised cable (outside diameter: 6mm)

Type of wiring required: Series

LED DRIVERS

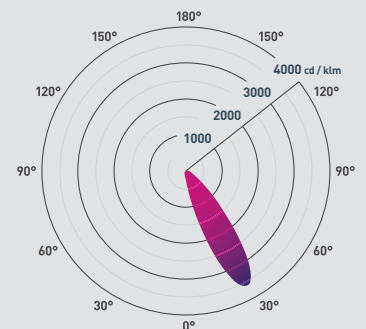
Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|---------------------|-----|------|-------------|---------------|-----|-----|
| PLU/350 1-9 | 350 | Yes | No | 1 | 1 | 9 |
| PLR/350 1-5 | 350 | Yes | No | 1 | 1 | 5 |
| PLD UNI-DRIVE 350MA | 350 | Yes | Yes [1-10V] | 2 | 1 | 10 |

For LED driver bathroom zone & additional LED drivers see page 264

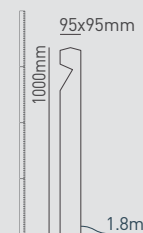
ACCESSORIES

| Product code | Description | |
|-----------------|---|---------|
| BOL LED BRACKET | Stainless steel bracket for BOL LED range | 228 |
| JB2 / JB4 / JB6 | Gel filled waterproof connectors | 280-281 |
| WCR 275 BLACK | 2-core rubber cable | 281 |



4000K 26°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A+ (LED)

874/2012

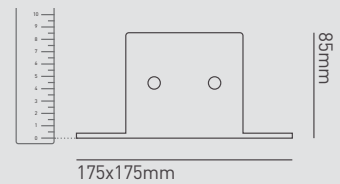


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Supplied with stainless steel fixtures & fittings



BOL LED BRACKET

Stainless steel bracket for BOL LED range

1 yr 1-year guarantee



PRODUCT DATA

Product code BOL LED BRACKET

GENERAL

Construction material Stainless steel (304)

ACCESSORIES

| Product code | Description | |
|-------------------|--------------------------------------|-----|
| BOL LED 1 | Wooden LED bollard | 227 |
| BOL LED 030 MAINS | Straight to mains wooden LED bollard | 226 |





COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Modular design for simple installation
- › Low glare
- › Root-mount or surface-mount
- › 360° illumination, ideal for pathways, boundary marking, or general illumination of public spaces
- › Surface-mount bracket and fixtures are included

BOL255

585mm straight to mains anodised aluminium LED bollard



Ideal for use outdoors



7-year extended warranty available



L70, B50



3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 3000K | 55° | BOL255WW | >85Ra | 750 | 45 | 53 |

GENERAL

| | |
|-----------------------|------------------------------------|
| Building regulations | Part P (electrical safety) |
| Construction material | Anodised aluminium / polycarbonate |
| Inrush current | 38.8A 0.002ms |

WIRING

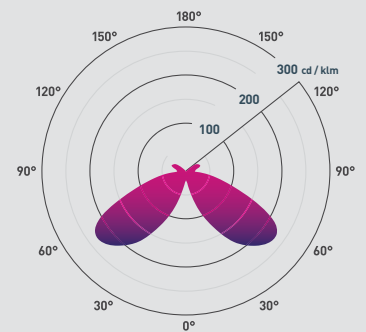
| | |
|-------------------------|---|
| Cable / flying lead | 1.5m H05RN-F 3G 0.75mm ² 7mm outside |
| Type of wiring required | Parallel (mains) 220 - 240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (Integrated SELV driver) | - | No | - | - | - |

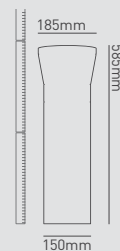
ACCESSORIES

| Product code | Description | |
|--------------|-------------------------|-----|
| BOL255RM | Root mounting kit | 231 |
| JB5 | Gel filled junction box | 281 |



3000K 55°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED energy efficiency scale: A+, A, A, C, D, E. The scale is marked with 'LED' and a red 'X' over the lower ratings.

874/2012



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Modular design for simple installation
- > Low glare
- > Root-mount or surface-mount
- > 360° illumination, ideal for pathways, boundary marking, or general illumination of public spaces
- > Surface-mount bracket and fixtures are included



BOL256

985mm straight to mains anodised aluminium LED bollard



Ideal for use outdoors



7-year extended warranty available



L70, B50



3SDCM

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-------|-----|------|----------|
| 3000K | 55° | BOL256WW | >85Ra | 750 | 45 | 53 |

GENERAL

| | |
|-----------------------|------------------------------------|
| Building regulations | Part P (electrical safety) |
| Construction material | Anodised aluminium / polycarbonate |
| Inrush current | 38.8A 0.002ms |

WIRING

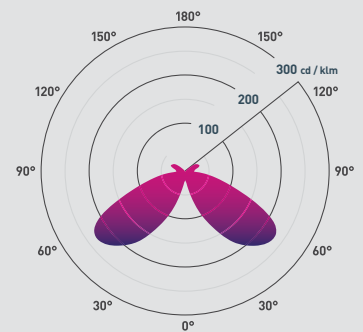
| | |
|-------------------------|---|
| Cable / flying lead | 1.5m H05RN-F 3G 0.75mm ² 7mm outside |
| Type of wiring required | Parallel (mains) 220 - 240V AC 50/60Hz |

LED DRIVERS

| Product code | mA | Dimming | Bathroom zone | Min | Max |
|------------------------------|----|---------|---------------|-----|-----|
| N/A (Integrated SELV driver) | - | No | - | - | - |

ACCESSORIES

| Product code | Description | |
|--------------|-------------------------|-----|
| BOL255RM | Root mounting kit | 231 |
| JB5 | Gel filled junction box | 281 |



3000K 55°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

874/2012



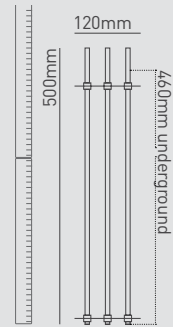


COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- > Marine grade stainless steel (316) construction
- > Can be used with concrete or other building materials
- > Supplied with expanding bolts for security



BOL255RM

Stainless steel root mounting kit

1 yr 1-year guarantee



PRODUCT DATA

Product code BOL255RM

GENERAL

Construction material Stainless steel (316)

ACCESSORIES

| Product code | Description | |
|--------------|--|-----|
| BOL255 | 585mm, straight to mains, anodised aluminium LED bollard | 229 |
| BOL256 | 985mm, straight to mains, anodised aluminium LED bollard | 230 |

COLOUR CHANGE LIGHTS

To create exciting and diverse spaces



EIGHT EASY STEPS TO UNDERSTANDING COLOUR CHANGE

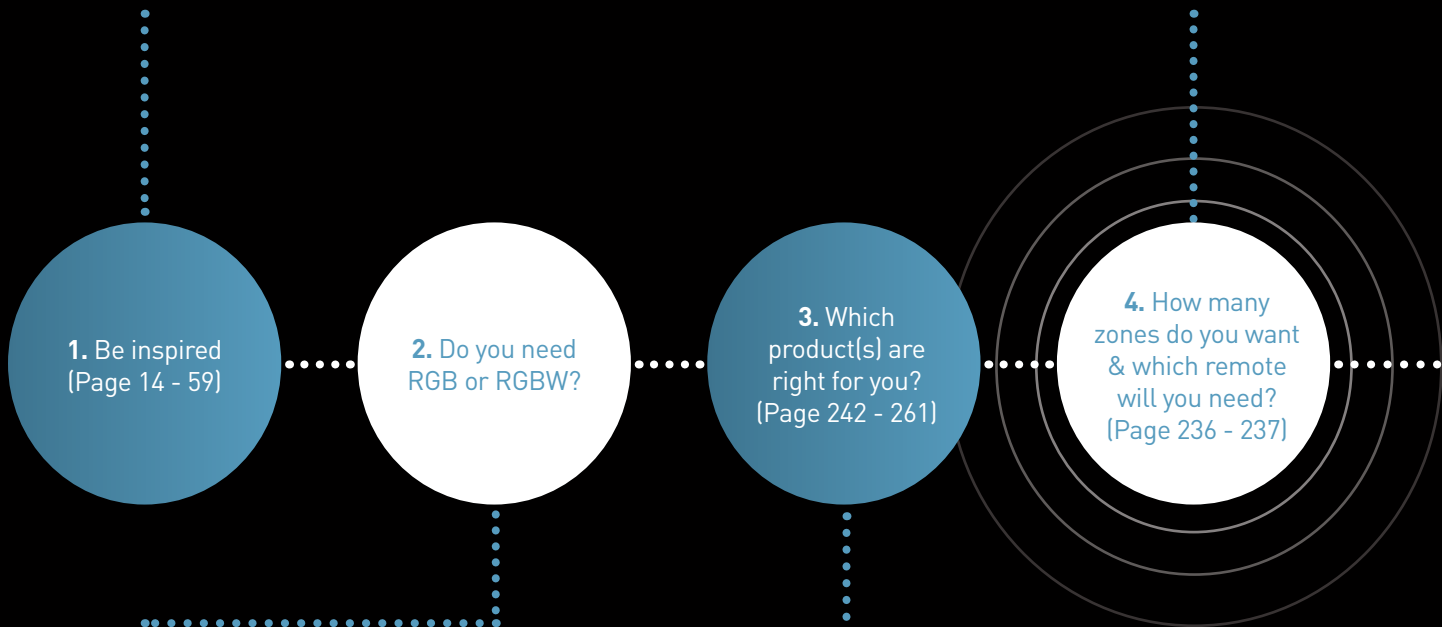
Examples

See some great installations in our inspiration pages (page 14 - 59)

Remotes

| | |
|---|----------|
| Wall Mounted Remote Control (1 - 4 zones) | Page 236 |
| Hand Held Remote Control (1 - 6 zones) | Page 236 |
| CollingwoodRGBW App (1 - 8 zones) | Page 237 |

For more than 8 zones a DMX system is required.



1. Be inspired
(Page 14 - 59)

2. Do you need
RGB or RGBW?

3. Which
product(s) are
right for you?
(Page 242 - 261)

4. How many
zones do you want
& which remote
will you need?
(Page 236 - 237)



RGB

Use RGB products to select vivid red, green or blue schemes or mix the three together for even more colour options.



RGBW

The addition of a white LED in RGBW products provides the option for white light and pastel shades in addition to vivid red, green and blue colours.

Products

| | |
|------------------|----------------|
| Ground Lights | Page 242 - 247 |
| Wall Lights | Page 248 - 250 |
| Universal Lights | Page 251 - 255 |
| Downlights | Page 256 - 258 |
| Spike Lights | Page 259 |
| Strip Lights | Page 260 - 261 |



Power Repeaters

PR3011 Page 238

PR3002 Page 239

For all constant current products you will need the **PR3011** and for all constant voltage products you will need the **PR3002**.

24V Driver

PS1524 15W driver

PS5024 50W driver

PS10024 100W driver

PSIP15024 150W driver

You will need a 24V driver to power your power repeater. The number of power repeaters will determine which driver you need.

You will need **CF505RGBW** (300mm) cable to wire your controller / decoder to your power repeaters, and your power repeaters to each other (page 263).

You may also need extension cable (page 262).

5. Which power repeater do you need & how many of them?
(Page 238 - 239)

6. Do you need a controller or a DMX decoder?
(Page 240 - 241)

7. What cable will you need?
(Page 262-263)

8. Place your order

Controller / Decoder

C100924 (controller) Page 240

DMX2102 (decoder) Page 241

For all installations using 1-8 zones you will need the **C100924** controller.

If there is already a DMX control system in place or you plan to use more than 8 zones you will need the **DMX2102** decoder.

24V Driver

PS1524 15W driver

PS5024 50W driver

PS10024 100W driver

PSIP15024 150W driver

You will need a 24V driver to power your controller / decoder. The number of power repeaters will determine which driver you need.

If you need any help our team are on hand on +44 (0) 1604 495 151

COMPLETE PROCESS WITH C100924 REMOTE TO PRODUCT

Remotes

How many zones / rooms do you need?

Which remote covers the number of zones you need?

Is a DMX control system already in place or do you need more than 8 zones? (Use a DMX control system in this case)

Controller

You will need one per zone.

Are you using an RF remote or a DMX control system? (Use the C100924 with RF remotes and the DMX2102 with DMX control systems)

What wattage driver do you need to power your controller / decoder?

Power Repeaters

Are you using constant voltage or constant current products? (Use PR3002 for constant voltage products and PR3011 for constant current products)

You will need **CF505RGBW** (300mm) cable to connect each of your power repeaters.

What wattage driver(s) do you need to power your power repeaters?

Products

What products do you want?

You will need cable to connect your products to your power repeaters.

Avoid using RGB and RGBW products in the same zone as the colour may not always match.

Per Zone





Don't forget you will need 300mm extra CF505RGBW cable for every power repeater you use.



It is not advised to put RGB & RGBW products in the same zone as the colours will not always match.

24V driver



PS1524
15W driver



PS5024
50W driver



PS10024
100W driver



PSIP15024
150W driver

Products
Page 242 - 261



Power repeater - PR3011
Page 238



Power repeater - PR3011
Page 238



Power repeater - PR3011
Page 238



Power repeater - PR3002
Page 239



ZONES REMOTES

A zone can cover any space you choose. They are often assigned to rooms so that you can have different colour settings for each room and be able to adjust them completely independently from one another using your remote control. For example...

HOUSE FRONT



ZONE 1

LIVING ROOM



ZONE 2

KITCHEN



ZONE 3

BEDROOM 1



ZONE 4

Remember you can assign any room to any zone number

Once you have decided how many zones you require, you will need to select a remote that is capable of covering that number of zones. You are able to use multiple remotes as long as they are all capable of covering the number of zones you have.

Wall Mounted Remote Control - 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 / 1 Room

Zone 2 / 2 Rooms

Zone 3 / 3 Rooms

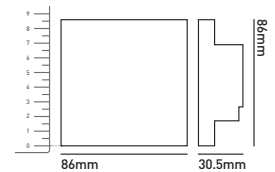
Zone 4 / 4 Rooms

WC2820WH / WC2820BLK WALL MOUNTED RGBW REMOTE CONTROL

Controlling Collingwood Lighting's RGB & RGBW ranges could not be easier with this wall mounted remote control. Using radio frequency removes the need to connect a signal cable to the controller for a cleaner and quicker installation. By simply touching the screen, select solid colours or start a cycle to change the atmosphere. Colours can also be dimmed by holding down the colour button.

Select up to 4 zones to give individuality to each room.

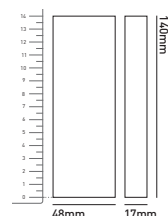
Note: The WC2820 requires 240V AC supply.



RC2819 HANDHELD REMOTE CONTROL

Controlling RGB & RGBW lights on the move could not be easier with this remote control. Using radio frequency removes the need to connect a signal cable to the controller for a cleaner and quicker installation. Select solid colours or start a colour changing cycle to create the perfect atmosphere. Colours can also be dimmed by holding down the colour button. From just one remote control you can select up to 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.

Note: Requires 3x AAA batteries (not included)





Got a query? Contact our team on
+44 (0) 1604 495 151

BEDROOM 2



ZONE 5

GARDEN



ZONE 6

DINING ROOM



ZONE 7

STAIRS / HALLWAY



ZONE 8

If you require more than 8 zones you will need to use a DMX control system

Zone 5 / 5 Rooms

Zone 6 / 6 Rooms

Zone 7 / 7 Rooms

Zone 8 / 8 Rooms

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](#).

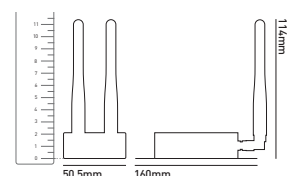


TR2818

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](#).



POWER REPEATERS WHICH ONE & HOW MANY?

Do this
for each
zone

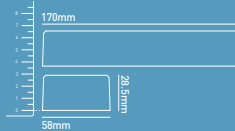
Now you know which products you are going to use and how many of them you will be using in each zone, you can establish which power repeaters you need and work out how many of them you will require.

For all constant current products use the PR3011

PR3011

350mA RGB & RGBW POWER REPEATER

A 350mA power supply for the RGB & RGBW product range. Simply wire up to 100 PR3011 to a 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 PR3011s you need for the products you have

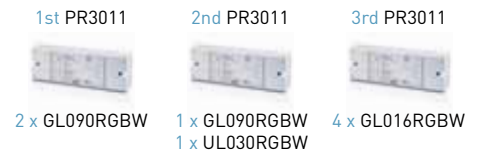
| Product Code | Product Family | Max Per PR3011 |
|-------------------------|-----------------|----------------|
| DL329RGBW | Downlight | 6 |
| GL007RGBW | Ground Light | 2 |
| GL008RGBW | Ground Light | 1 |
| GL016RGBW | Ground Light | 6 |
| GL040CARGB | Ground Light | 6 |
| GL050RGBW | Ground Light | 6 |
| GL090RGBW | Ground Light | 2 |
| LL030CARGB | Downlight | 6 |
| LL090RGBW | Downlight | 2 |
| SL220CARGB / SL021CARGB | Spike Light | 6 |
| UL010RGBW | Universal Light | 6 |
| UL030RGBW | Universal Light | 2 |
| UL345CARGB | Universal Light | 1 |
| UL346CARGB | Universal Light | 1 |
| UL347CARGB | Universal Light | 1 |
| WL070RGBW | Wall Light | 1 |
| WL075CARGB | Wall Light | 2 |
| WL220CARGB / WL021CARGB | Wall Light | 6 |

For example...

If you had selected these products for your zone



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



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



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

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

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.

| Number of Power Repeaters | Wattage Driver Needed | Product (Driver) |
|---------------------------|-----------------------|------------------|
| 1 | 50W | PS5024 |
| 2 - 3 | 100W | PS10024 |
| 4 - 5 | 150W | PSIP15024 |

If we were to continue the example...

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...



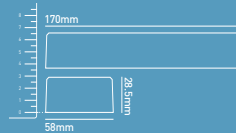


For all constant voltage products (strip lights) use the PR3002

PR3002

24V RGB & RGBW POWER REPEATER

A 24v power supply for the strip product range. Simply wire up to 100 to a C100924 for a quick and simple colour change installation, giving you the ability to have as many as 1000 metres of LED strip per zone.



Calculate how many PR3002s you need for the products you have and which driver you need to power your power repeaters

LSR05 (RGBW strip) - Bespoke lengths available

| Length of Strip per Power Repeater | Wattage Driver Needed | Product (Driver) |
|------------------------------------|-----------------------|------------------|
| up to 2m per PR3002 | 50W | PS5024 |
| up to 5m per PR3002 | 100W | PS10024 |
| up to 10m per PR3002 | 150W | PSIP15024 |

LED5050RGB (RGB strip) - Bespoke lengths available

| Length of Strip per Power Repeater | Wattage Driver Needed | Product (Driver) |
|------------------------------------|-----------------------|------------------|
| up to 5m per PR3002 | 50W | PS5024 |
| up to 10m per PR3002 | 100W | PS10024 |

For example...

If you had selected these products for your zone.



12m

LED5050RGB

Using the table to the left we can see that 10m of LED5050RGB strip would fully load a PR3002 so the remaining 2m of strip would need another PR3002 (using just under 50% of it).

1st PR3002



10m LED5050RGB

2nd PR3002



2m LED5050RGB

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



x2

PR3002

We are using 2 x PR3002. As you can see from the tables you will need a 100W driver for 10m of LED5050RGB. The remaining 2m will need a 50W driver. This means you will need the following...



x2

PR3002



x1

PSIP15024

! For all strip, you can put up to 5m on one circuit per PR3002, but for 5-10m you will need to put the strip on two circuits per PR3002 (see product instructions).

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

CONTROLLERS WHICH ONE & WHAT POWER SUPPLY?

Do this
for each
zone

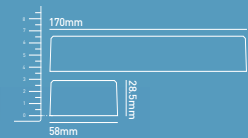
A controller is the device that receives a signal from your remote or DMX control system and then makes the LEDs match the colour you have set. You need one controller in each zone to adjust all of the LEDs in that zone.

You will have already decided how many zones you are going to have. If you are controlling 8 or less zones then you will need the C100924 controller.

For 1 - 8 zones use the C100924 controller (1 controller per zone)

C100924 RGB & RGBW CONTROLLER

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.



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

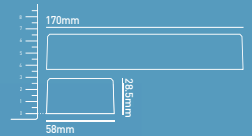


When using a DMX control system only

For 9+ zones use the DMX2102 decoder (1 decoder per zone)

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 decoder

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 Decoders | 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



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Adjustable LED fitting to $\pm 20^\circ$
- › Installation tube included
- › 10mm toughened glass, ideal for use in driveways
- › Full RGBW colour range
- › Separate white LED for permanent use
- › Compatible with a large range of controllers

GL007RGBW

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



Patent information: collingwoodlighting.com/patent

ZONE

L50, B50

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|-----|------|----------|
| 4000K | 36° | GL007RGBW | 3.3 | >80Ra | 180 | 55 | 782 |
| Red | 36° | GL007RGBW | 2.4 | - | 131 | 55 | 539 |
| Green | 36° | GL007RGBW | 3.3 | - | 208 | 63 | 944 |
| Blue | 36° | GL007RGBW | 3.3 | - | 34 | 10 | 15 |

GENERAL

| | |
|------------------------|--|
| Construction material | Stainless steel 304 (cover ring only) / aluminium (body) |
| Drive over / walk over | Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 2x 3m CR575RGBW (outside diameter: 7.4mm) |
| Type of wiring required | Series |

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

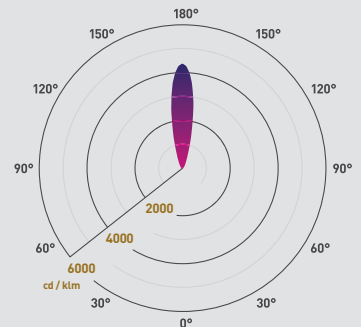
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

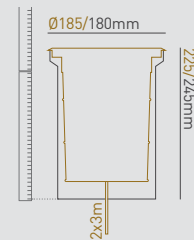
For complete range of colour change controllers see page 236-241

| Product code | Description | |
|----------------------------|------------------------------|-----|
| Installation tube included | | |
| JB7 | 5-pole IP68 inline connector | 281 |
| CR575RGBW | 5-core PVC cable | 263 |



4000K 36°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps. The lamps cannot be changed in the luminaire.

Energy efficiency class: A++ (LED)

LED

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- Adjustable LED fitting to $\pm 20^\circ$
- Installation tube included
- 10mm toughened glass, ideal for use in driveways
- Full RGBW colour range
- Separate white LED for permanent use
- Compatible with a large range of controllers

GL008RGBW

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



Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|-----|------|----------|
| 4000K | 25° | GL008RGBW | 6.6 | >80Ra | 360 | 55 | 1701 |
| Red | 25° | GL008RGBW | 4.8 | - | 261 | 54 | 1069 |
| Green | 25° | GL008RGBW | 6.6 | - | 416 | 63 | 1881 |
| Blue | 25° | GL008RGBW | 6.6 | - | 68 | 10 | 33 |

GENERAL

| | |
|------------------------|--|
| Construction material | Stainless steel 304 (cover ring only) / aluminium (body) |
| Drive over / walk over | Drive over, 10mm tempered glass (15mph max), static load 2000kg / 20KN |

WIRING

| | |
|-------------------------|--|
| Cable / flying lead | 3m CR575RGBW (outside diameter: 7.4mm) |
| Type of wiring required | N/A (1 per power repeater) |

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

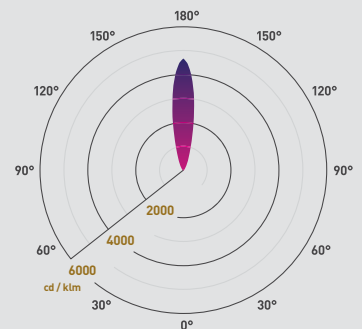
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

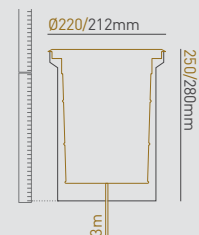
For complete range of colour change controllers see page 236-241

| Product code | Description | |
|----------------------------|------------------------------|-----|
| Installation tube included | | |
| JB7 | 5-pole IP68 inline connector | 281 |
| CR575RGBW | 5-core PVC cable | 263 |



4000K 25°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

A+ A A C D E

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LIGHTING



FEATURES & 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



GL090RGBW

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

RGBW
 Protected against temporary immersion
 5-year extended warranty available

45°
 Ø65
 -50°C
 35°C
 900g
 1 ZONE
 L50, B50

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|---|-------|-----|------|----------|
| 4000K | 45° | GL090RGBW | 3 | >80Ra | 177 | 59 | 173 |
| Red | 45° | GL090RGBW | 2 | - | 106 | 53 | 60 |
| Green | 45° | GL090RGBW | 3 | - | 185 | 62 | 168 |
| Blue | 45° | GL090RGBW | 3 | - | 43 | 14 | 1 |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 2x 1m CR575RGBW (outside diameter: 7.4mm) |
| Type of wiring required | Series |

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

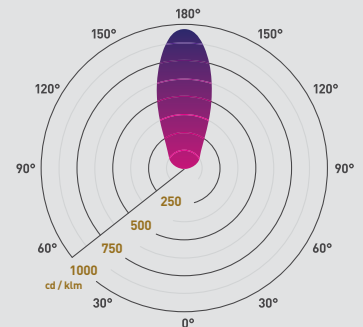
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

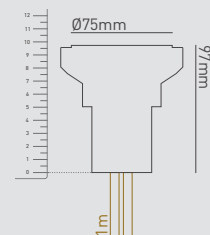
For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------|------------------------------|-----|
| TUBE/68 | Installation tube | 127 |
| JB7 | 5-pole IP68 inline connector | 281 |
| CR575RGBW | 5-core PVC cable | 263 |



4000K 45°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

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FEATURES & BENEFITS

- › Low profile for easy installation
- › Installation tube available
- › Full RGB colour range
- › Compatible with a large range of controllers
- › Marine grade stainless steel for use in outdoor and indoor environments

GL040CARGB

Colour change LED ground light (3.5W max.)



RGB



Protected against temporary immersion



5-year extended warranty available



18°



Ø65



<40°C



<35°C



800g



ZONE



L50, B50

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|----|------|----------|
| Red | 18° | GL040CARGB | 1 | - | 34 | 34 | 287 |
| Green | 18° | GL040CARGB | 1.2 | - | 68 | 56 | 697 |
| Blue | 18° | GL040CARGB | 1.2 | - | 8 | 7 | 8 |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 2x 1m LED RGB 0.75mm ² cable (outside diameter: 6mm) |
| Type of wiring required | Series |

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

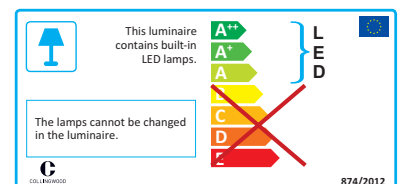
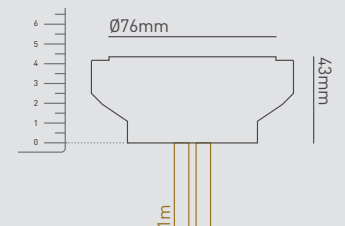
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

For complete range of colour change controllers see page 238-243

| Product code | Description | Price |
|--------------------|------------------------------|-------|
| TUBE/68 | Installation tube | 135 |
| JB7 | 5-pole IP68 inline connector | 283 |
| LED RGB 0.75 CABLE | 4-core PVC cable | 265 |



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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Frosted glass for subtle colour change
- › Low profile for easy installation
- › Full RGBW colour range
- › Compatible with a large range of controllers
- › Separate white LED for permanent use
- › Marine grade stainless steel for use in outdoor and indoor environments



GL050RGBW

Colour change LED ground / marker light with white LED (5W max.)



Patent information: collingwoodlighting.com/patent

ZONE

L50, B50

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|----|------|----------|
| 4000K | 100° | GL050RGBW | 1.2 | >85Ra | 11 | 9 | 2 |
| Red | 100° | GL050RGBW | 1 | - | 9 | 9 | 2 |
| Green | 100° | GL050RGBW | 1.2 | - | 13 | 11 | 3 |
| Blue | 100° | GL050RGBW | 1.2 | - | 2 | 2 | 1 |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 2x 1m CR575RGBW (outside diameter: 7.4mm) |
| Type of wiring required | Series |

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

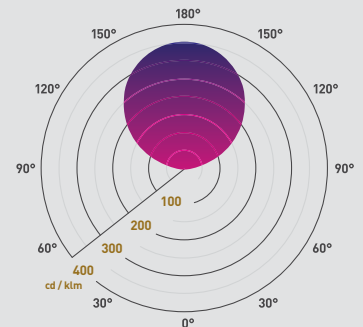
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

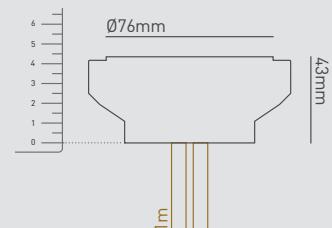
For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------|------------------------------|-----|
| TUBE/68 | Installation tube | 127 |
| JB7 | 5-pole IP68 inline connector | 281 |
| CR575RGBW | 5-core PVC cable | 263 |



4000K 100°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red), F (Red).

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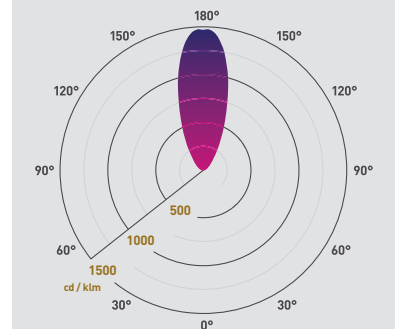


COLLINGWOOD
LIGHTING



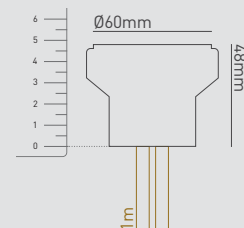
FEATURES & BENEFITS

- › 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



4000K 40°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A+

A

A

C

D

E

LED

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GL016RGBW

LED colour change ground light with white LED (5W max.)

RGBW

Protected against temporary immersion

5-year extended warranty available

40°

850

47°C

35°C

300g

1

50,000h

Patent information: collingwoodlighting.com/patent ZONE L50, B50

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|----|------|----------|
| 4000K | 40° | GL016RGBW | 1.2 | >85Ra | 50 | 42 | 74 |
| Red | 40° | GL016RGBW | 1 | - | 38 | 38 | 75 |
| Green | 40° | GL016RGBW | 1.2 | - | 63 | 53 | 124 |
| Blue | 40° | GL016RGBW | 1.2 | - | 11 | 9 | 17 |

GENERAL

| | |
|------------------------|---------------------------------|
| Construction material | Stainless steel (316) |
| Drive over / walk over | Walk over (5mm toughened glass) |

WIRING

| | |
|-------------------------|---|
| Cable / flying lead | 2x 1m CR575RGBW (outside diameter: 7.4mm) |
| Type of wiring required | Series |

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------|------------------------------|-----|
| TUBE/50 | Installation tube | 127 |
| JB7 | 5-pole IP68 inline connector | 281 |
| CR575RGBW | 5-core PVC cable | 263 |



COLLINGWOOD
LIGHTING



FEATURES & 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



WL070RGBW

Up / down LED colour change wall light with white LED (24W max.)

RGBW
 IP65 Ideal for use outdoors
 5-year extended warranty available

45°
 46°C
 ±35°C
 900g
 1 ZONE
 L50, B50

Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|---|-------|------|------|----------|
| 4000K | 45° | WL070RGBW | 6 | >80Ra | 200* | 67 | 154 |
| Red | 45° | WL070RGBW | 4 | - | 145* | 73 | 60 |
| Green | 45° | WL070RGBW | 6 | - | 230* | 77 | 168 |
| Blue | 45° | WL070RGBW | 6 | - | 38* | 13 | 1 |

* Per module

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 1x 5-core ribbon cable

Type of wiring required: N/A [1 per power repeater]

NB: Removal of plugs will render this product non-returnable

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

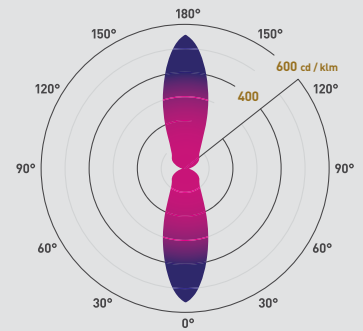
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

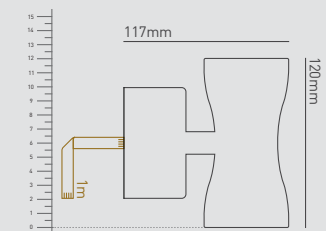
For complete range of colour change controllers see page 236-241

| Product code | Description |
|--------------|--|
| LEDRGBWEXT | Colour change Plug & Play 1m extension lead 262 |



4000K 45°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

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FEATURES & BENEFITS

- Complete with wall fixings for easy installation
- Full RGB colour range
- Anodised aluminium for use in outdoor and indoor environments

WL075CARGB

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



Patent information: collingwoodlighting.com/patent

ZONE

L50, B50

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|----|------|----------|
| Red | 45° | WL075CARGB | 2.4 | - | 65 | 27 | 41 |
| Green | 45° | WL075CARGB | 3.7 | - | 99 | 27 | 137 |
| Blue | 45° | WL075CARGB | 3.7 | - | 31 | 8 | 14 |

GENERAL

Construction material: Anodised aluminium

WIRING

Cable / flying lead: 2x 1m 4-core ribbon cable

Type of wiring required: Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

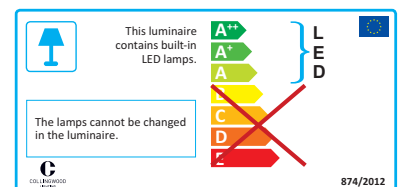
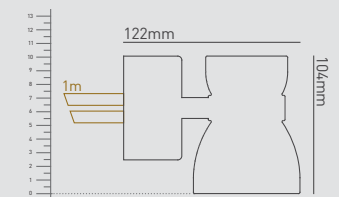
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description |
|---------------|--|
| LED 3 RGB EXT | Colour change extension lead for RGB products 262 |





COLLINGWOOD
LIGHTING



WL220CARGB

WL021CARGB

FEATURES & BENEFITS

- › Complete with wall fixings for easy installation
- › Adjustable angle to direct light
- › Full RGB colour range
- › Compatible with a large range of controllers
- › Anodised aluminium for use in outdoor and indoor environments

WL220CARGB | WL021CARGB

Colour change LED wall light (4W max.)



RGB



IP65

Ideal for use outdoors



3-year extended warranty available



Patent information: collingwoodlighting.com/patent



ZONE



L50, B50

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|----|------|----------|
| Red | 18° | WL220CARGB | 1 | - | 34 | 34 | 287 |
| Green | 18° | WL220CARGB | 1.2 | - | 68 | 57 | 697 |
| Blue | 18° | WL220CARGB | 1.2 | - | 8 | 7 | 8 |
| Red | 18° | WL021CARGB | 1 | - | 34 | 34 | 287 |
| Green | 18° | WL021CARGB | 1.2 | - | 68 | 57 | 697 |
| Blue | 18° | WL021CARGB | 1.2 | - | 8 | 7 | 8 |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 2x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)

Type of wiring required Series

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

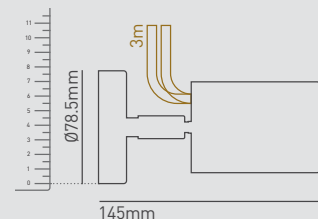
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------------|-------------------------|-----|
| JB3 | Waterproof junction box | 280 |
| LED RGB 0.75 CABLE | 4-core PVC cable | 263 |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++ A+ A C D E

LED

874/2012





FEATURES & 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

UL345CARGB

110° colour change LED wall washing light bar (12W max.)



ZONE

L50, B50

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|-----|------|----------|
| Red | 110° | UL345CARGB | 4 | - | 96 | 24 | 20 |
| Green | 110° | UL345CARGB | 4.1 | - | 161 | 39 | 58 |
| Blue | 110° | UL345CARGB | 4.3 | - | 51 | 12 | 0 |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 1x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)

Type of wiring required N/A (1 per power repeater)

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

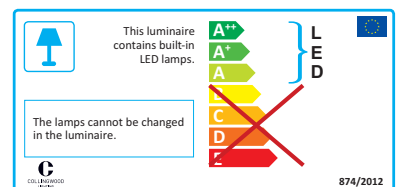
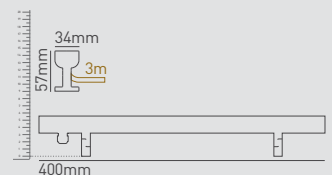
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------------|---|-----|
| JB3 | Colour change extension lead for RGB products | 280 |
| LED RGB 0.75 CABLE | 4-core PVC cable | 263 |
| ULBRACKET | 2 piece black anodised aluminium bracket | 215 |





COLLINGWOOD
LIGHTING



FEATURES & 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



UL346CARGB

25x6° colour change LED wall washing light bar (12W max.)



Ideal for use outdoors



5-year extended warranty available



ZONE

L50, B50

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|-----|------|----------|
| Red | 25x6° | UL346CARGB | 4 | - | 70 | 18 | 154 |
| Green | 25x6° | UL346CARGB | 4.1 | - | 136 | 33 | 442 |
| Blue | 25x6° | UL346CARGB | 4.3 | - | 23 | 5 | 10 |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 1x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)

Type of wiring required N/A [1 per power repeater]

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

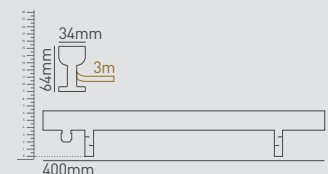
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 1 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------------|--|-----|
| JB3 | Waterproof junction box | 280 |
| LED RGB 0.75 CABLE | 4-core PVC cable | 263 |
| ULBRACKET | 2 piece black anodised aluminium bracket | 215 |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

Energy efficiency class: A++

LED

874/2012



FEATURES & 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



UL347CARGB

45° colour change LED wall washing light bar (12W max.)



ZONE

L50, B50

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|-----|------|----------|
| Red | 45° | UL347CARGB | 4 | - | 77 | 19 | 102 |
| Green | 45° | UL347CARGB | 4.1 | - | 285 | 70 | 329 |
| Blue | 45° | UL347CARGB | 4.3 | - | 51 | 12 | 5 |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 1x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)

Type of wiring required N/A (1 per power repeater)

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

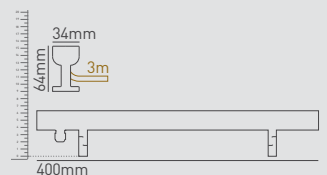
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 1 |


For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------------|---|-----|
| JB3 | Colour change extension lead for RGB products | 280 |
| LED RGB 0.75 CABLE | 4-core PVC cable | 263 |
| ULBRACKET | 2 piece black anodised aluminium bracket | 215 |





This luminaire contains built-in LED lamps.

A+

A

A

C


D

E

}

LED

The lamps cannot be changed in the luminaire.



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COLLINGWOOD
LIGHTING



FEATURES & 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

UL030RGBW

Colour change LED light with white LED (12W max.)

RGBW
 Protected against temporary immersion
 5-year extended warranty available

45°
 360°
 360°
 44°C
 35°C
 900g
 1
 50,000h

Patent information: collingwoodlighting.com/patent ZONE L50, B50

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|---|-------|-----|------|----------|
| 4000K | 45° | UL030RGBW | 3 | >80Ra | 177 | 59 | 154 |
| Red | 45° | UL030RGBW | 2 | - | 106 | 53 | 60 |
| Green | 45° | UL030RGBW | 3 | - | 185 | 62 | 168 |
| Blue | 45° | UL030RGBW | 3 | - | 43 | 14 | 1 |

GENERAL

Construction material Stainless steel (316)

WIRING

Cable / flying lead 2x 1m CR575RGBW (outside diameter: 7.4mm)
 Type of wiring required Series

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

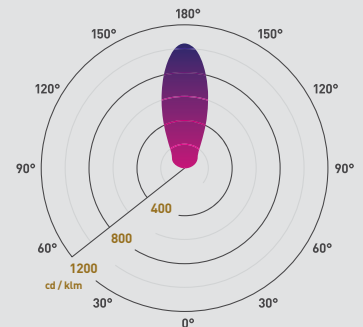
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

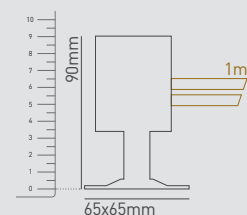
For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------|------------------------------|-----|
| JB7 | 5-pole IP68 inline connector | 281 |
| CR575RGBW | 5-core PVC cable | 263 |



4000K 45°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

 A++
 A+
 A
 B
 C
 D
 E

The lamps cannot be changed in the luminaire.

LED

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COLLINGWOOD
LIGHTING



FEATURES & 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



UL010RGBW

Colour change LED light with white LED (5W max.)



Patent information: collingwoodlighting.com/patent

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|----|------|----------|
| 4000K | 40° | UL010RGBW | 1.1 | >80Ra | 50 | 45 | 101 |
| Red | 40° | UL010RGBW | 1 | - | 38 | 38 | 75 |
| Green | 40° | UL010RGBW | 1.1 | - | 63 | 57 | 124 |
| Blue | 40° | UL010RGBW | 1.1 | - | 11 | 8 | 17 |

GENERAL

Construction material: Stainless steel (316)

WIRING

Cable / flying lead: 2x 1m CR575RGBW (outside diameter: 7.4mm)

Type of wiring required: Series

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

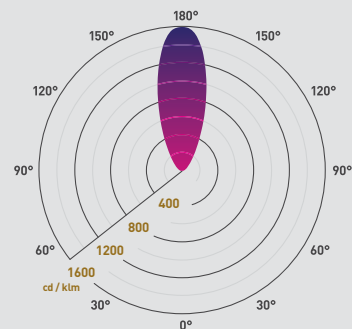
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | 1 | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

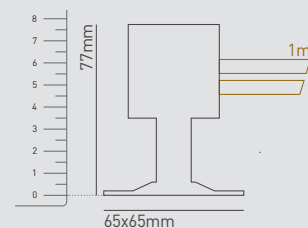
For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------|------------------------------|-----|
| JB7 | 5-pole IP68 inline connector | 281 |
| CR575RGBW | 5-core PVC cable | 263 |



4000K 40°

Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A+, A, A, C, D, E

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LIGHTING



FEATURES & BENEFITS

- › Low weight for mounting in ceiling voids
- › Requires no fan to cool down
- › Projects light down 1m & 2m lengths of fibre
- › Full RGBW colour range
- › Separate white LED for permanent use
- › Compatible with a large range of controllers

DL329RGBW

Colour change fibre optic injector with white LED (5W max.)



L50, B50

PHOTOMETRICS @ 25°C

| Colour | ⚡ | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|---|--------------|-----|-------|----|------|----------|
| 4000K | - | DL329RGBW | 1.1 | >80Ra | 14 | 13 | - |
| Red | - | DL329RGBW | 1 | - | - | - | - |
| Green | - | DL329RGBW | 1.1 | - | - | - | - |
| Blue | - | DL329RGBW | 1.1 | - | - | - | - |

GENERAL

Construction material Aluminium

WIRING

Cable / flying lead 2x 1m Plug & Play 5-core ribbon cable

Type of wiring required Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

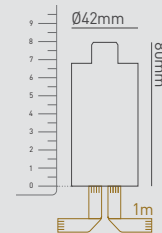
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | - | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|----------------|---|-----|
| LEDRGBWEXT | Colour change Plug & Play 1m extension lead | 262 |
| FIBRE LED 1/30 | Fibre optics 1m | 97 |
| FIBRE LED 2/30 | Fibre optics 2m | 97 |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

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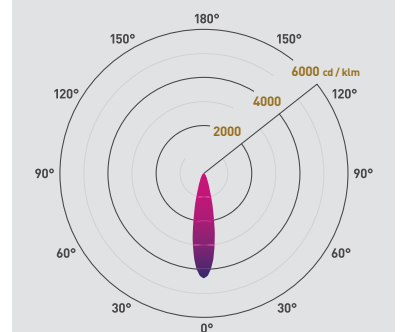


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LIGHTING

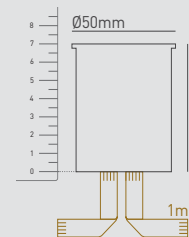


FEATURES & BENEFITS

- › MR16 for retrofit into existing housings
- › Plug & Play connectors for quick installation
- › Separate white LED for permanent use
- › Full RGBW colour range
- › Compatible with a large range of controllers



4000K 25°
Additional diagrams available at collingwoodlighting.com



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A+, A, A, C, D, E

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LL090RGBW

Colour change LED unit with white LED (13W max.)

RGBW IP40 Housing dependant 5-year extended warranty available

25° 54°C 35°C 200g 878-83 20° 1 50,000h

Patent information: collingwoodlighting.com/patent HOUSING DEPENDANT L50, B50

PHOTOMETRICS @ 25°C

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-------|-----|------|----------|
| 4000K | 25° | LL090RGBW | 3.3 | >80Ra | 253 | 77 | 1099 |
| Red | 25° | LL090RGBW | 2.4 | - | 140 | 58 | 292 |
| Green | 25° | LL090RGBW | 3.3 | - | 275 | 83 | 831 |
| Blue | 25° | LL090RGBW | 3.3 | - | 46 | 14 | 15 |

GENERAL

Construction material Aluminium

WIRING

Cable / flying lead 2x 1m Plug & Play 5-core ribbon cable

Type of wiring required Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | - | 1 | 2 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description |
|--------------|--|
| LEDRGBWEXT | Colour change Plug & Play 1m extension lead 262 |



COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › MR16 for retrofit into existing housings
- › Plug & Play connectors for quick installation
- › Short heatsink for shallow housings
- › Full RGB colour range
- › Compatible with a large range of controllers



LL030CARGB

Colour change LED unit (4W max.)



RGB



Housing dependant



5-year extended warranty available



Patent information: collingwoodlighting.com/patent

HOUSING DEPENDANT

L50, B50

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|----|------|----------|
| Red | 18° | LL030CARGB | 1 | - | 38 | 38 | 319 |
| Green | 18° | LL030CARGB | 1.2 | - | 75 | 63 | 774 |
| Blue | 18° | LL030CARGB | 1.2 | - | 11 | 9 | 9 |

GENERAL

Construction material Aluminium

WIRING

Cable / flying lead 2x 1m Plug & Play 4-core ribbon cable

Type of wiring required Series (Plug & Play)

NB: Removal of plugs will render this product non-returnable

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

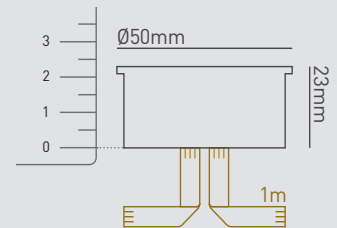
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | - | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|---------------|---|-----|
| LED 3 RGB EXT | Colour change Plug & Play 1m extension lead | 262 |



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED

Energy efficiency class: A++ (A+, A, B, C, D, E, F)

874/2012





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LIGHTING



FEATURES & BENEFITS

- › Adjustable angle to direct light
- › Full RGB colour range
- › Compatible with a large range of controllers
- › Anodised aluminium for use in outdoor and indoor environments



Photo Credit: © Janine Pattison Studios

SL220CARGB | SL021CARGB

Colour change LED spike light (4W max.)



Ideal for use outdoors



3-year extended warranty available



Patent information: collingwoodlighting.com/patent

ZONE

L50, B50

PHOTOMETRICS @ 25°C

LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | Product code | W | CRI | lm | lm/W | lx at 1m |
|--------|------------|--------------|-----|-----|----|------|----------|
| Red | 18° | SL220CARGB | 1 | - | 34 | 34 | 287 |
| Green | 18° | SL220CARGB | 1.2 | - | 68 | 57 | 697 |
| Blue | 18° | SL220CARGB | 1.2 | - | 8 | 7 | 8 |
| Red | 18° | SL021CARGB | 1 | - | 34 | 34 | 287 |
| Green | 18° | SL021CARGB | 1.2 | - | 68 | 57 | 697 |
| Blue | 18° | SL021CARGB | 1.2 | - | 8 | 7 | 8 |

GENERAL

Construction material Anodised aluminium

WIRING

Cable / flying lead 2x 3m LED RGB 0.75mm² cable (outside diameter: 6mm)

Type of wiring required Series

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

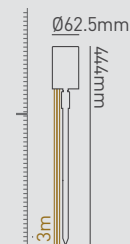
| Product code | mA | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|-----|-----|
| PR3011 | 350 | - | Yes | - | 1 | 6 |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

| Product code | Description | |
|--------------------|-------------------------|-----|
| JB3 | Waterproof junction box | 280 |
| LED RGB 0.75 CABLE | 4-core PVC cable | 263 |



This luminaire contains built-in LED lamps.

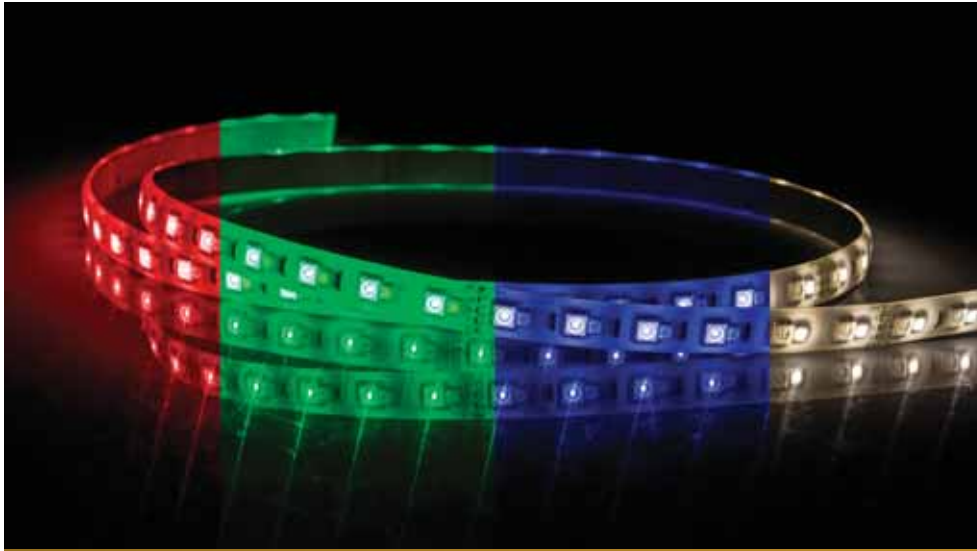
The lamps cannot be changed in the luminaire.

LED

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COLLINGWOOD
LIGHTING



FEATURES & BENEFITS

- › Cut point every 100mm
- › Hard-wearing clear covering
- › Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- › Full RGBW range
- › Separate white LED for permanent use
- › 3M self-adhesive backing
- › Supplied in customised lengths (0.1m up to 4.9m in 100mm increments) 5m reel also available
- › Compatible with a large range of controllers

LSR05

Colour change, self-adhesive flexible strip with white LED (15W max.)



PHOTOMETRICS @ 25°C

| Colour | Beam angle | W/m | CRI | lm | lm/W | lx @ 1m |
|--------|------------|-----|-------|-----|------|---------|
| 4000K | 120° | 5 | >85Ra | 350 | 70 | 80 |
| 3000K | 120° | 5 | >85Ra | 350 | 70 | 80 |
| 2700K | 120° | 5 | >85Ra | 350 | 70 | 80 |
| Red | 120° | 4 | - | 130 | 33 | 20 |
| Green | 120° | 3 | - | 270 | 90 | 70 |
| Blue | 120° | 3 | - | 65 | 22 | 5 |

REEL ORDER CODES

| | |
|------------|------------------------------|
| LSR0540050 | 5m reel of 4000K LSR05 strip |
| LSR0530050 | 5m reel of 3000K LSR05 strip |
| LSR0527050 | 5m reel of 2700K LSR05 strip |

For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
Part code calculator available at collingwoodlighting.com

GENERAL

| | |
|-----------------------|---------------|
| Construction material | Flexible tape |
|-----------------------|---------------|

WIRING

| | |
|-------------------------|--------------------------|
| Cable / flying lead | 0.2m 5-core ribbon cable |
| Type of wiring required | Parallel |

LED DRIVERS (power repeaters)

Bathroom zone applicable to fitting only

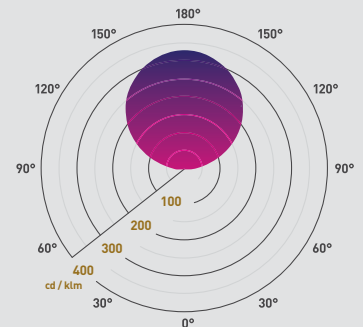
| Product code | V | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|------|-------|
| PR3002 | 24V | - | Yes | - | 0.1m | 2x 5m |

For LED driver bathroom zone & additional LED drivers see page 264

ACCESSORIES

For complete range of colour change controllers see page 236-241

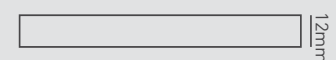
| Product code | Description | |
|-------------------------|---------------------------------------|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| CF505RGBW | 5-core RGBW ribbon cable | 263 |



4000K 150°

Additional diagrams available at collingwoodlighting.com

5m/100mm cut point



This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

LED Energy Efficiency Class: A++ (Green), A+ (Light Green), A (Yellow-Green), B (Yellow), C (Orange), D (Red), E (Dark Red).

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LIGHTING



LED5050RGB

Colour change, self adhesive flexible strip (10W max.)



FEATURES & BENEFITS

- > Cut point every 125mm
- > Hard-wearing clear covering
- > 200mm ribbon cable attached
- > Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- > 3M self-adhesive backing
- > Supplied in customised lengths (0.125m up to 4.875m in 125mm increments) 5m reel also available
- > NB: Cutting to required length will render this product non-returnable



PHOTOMETRICS @ 25°C LED RGB units are designed for colour change. They are not suitable for running on permanent white for long periods of time

| Colour | Beam angle | W/m | CRI | lm | lm/W | lx @ 1m |
|--------|------------|-----|-----|-----|------|---------|
| Red | 120° | 4 | - | 98 | 25 | 19 |
| Green | 120° | 3.4 | - | 149 | 44 | 53 |
| Blue | 120° | 2.6 | - | 39 | 15 | 5 |

REEL ORDER CODES

LS5RGB050* 5m reel of LED5050RGB strip
 For bespoke length, 050 to be replaced by required length. eg. 010 = 1m, 021 = 2.1m, etc
 Part code calculator available at collingwoodlighting.com

* While stocks last

GENERAL

Construction material Flexible tape

WIRING

Cable / flying lead 0.2m ribbon cable

Type of wiring required Parallel

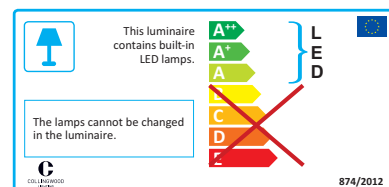
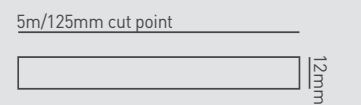
LED DRIVERS (power repeaters) Bathroom zone applicable to fitting only

| Product code | V | SELV | Dimming | Bathroom zone | Min | Max |
|--------------|-----|------|---------|---------------|--------|-------|
| PR3002 | 24V | - | Yes | - | 0.125m | 2x 5m |

For LED driver bathroom zone & additional LED drivers see page 264

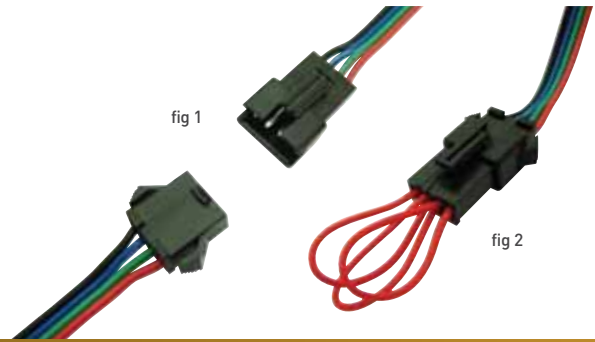
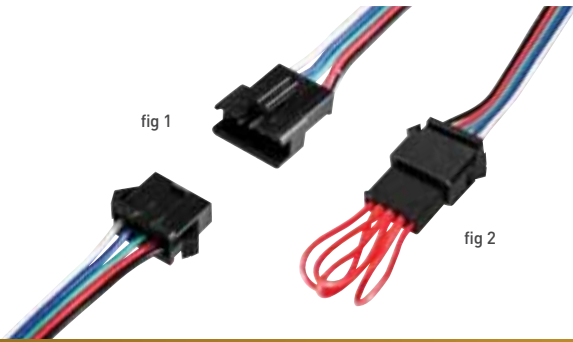
ACCESSORIES For complete range of colour change controllers see page 236-241

| Product code | Description | |
|-------------------------|---------------------------------------|---------|
| LED STRIP PROFILE RANGE | Profile range to house adhesive strip | 162-164 |
| LED RGB 0.75 CABLE | 4-core PVC cable | 263 |





COLLINGWOOD
LIGHTING



LEDRGBWEXT

Colour change extension lead for RGBW products

LED 3 RGB EXT

Colour change extension lead for RGB products

| | |
|-----------------------|-------------------------------------|
| Product Code | LEDRGBWEXT |
| Construction material | Copper cable (PVC) |
| Rated max voltage | 300V |
| Rated temperature | 80°C |
| Series / parallel | Series (Plug & Play) |
| Cable | 1m (AWG 24) (0.205mm ²) |
| Guarantee | 1-year |

NB: Removal of plugs will render this product non-returnable

USE IN CONJUNCTION WITH

| | |
|-----------|-----|
| DL329RGBW | 256 |
| LL090RGBW | 257 |
| WL070RGBW | 248 |

- > Use multiple extensions for longer lead requirements (fig. 1)
- > Complete circuit with blanking plug (fig. 2)
- > Simple extension for series circuit
- > 5-core. RGBW and return

| | |
|-----------------------|-------------------------------------|
| Product Code | LED 3 RGB EXT |
| Construction material | Copper cable (PVC) |
| Rated max voltage | 300V |
| Rated temperature | 80°C |
| Series / parallel | Series (Plug & Play) |
| Cable | 1m (AWG 24) (0.205mm ²) |
| Guarantee | 1-year |

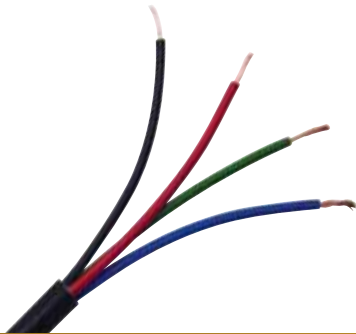
NB: Removal of plugs will render this product non-returnable

USE IN CONJUNCTION WITH

| | |
|------------|-----|
| LL030CARGB | 258 |
| WL075CARGB | 249 |

- > Use multiple extensions for longer lead requirements (fig. 1)
- > Complete circuit with blanking plug (fig. 2)
- > Simple extension for series circuit
- > 4-core. RGB and return





LED RGB 0.75 CABLE

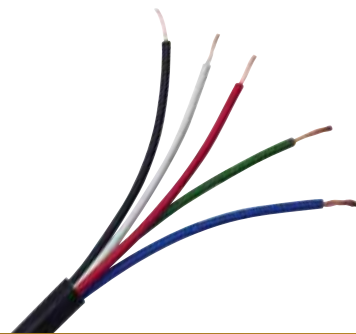
4-core PVC cable

| | |
|-----------------------|-----------------------------|
| Product Code | LED RGB 0.75 CABLE |
| Construction material | Copper cable |
| Cable | PVC 4 x 0.75mm ² |
| Guarantee | 1-year |

USE IN CONJUNCTION WITH

| | |
|------------------|---------|
| All RGB products | 245-261 |
| JB3 | 280 |

- > Suitable for RGB wiring
- > Can be wired to additional JB3 for multiple fittings
- > Ideal for RGB applications



CR575RGBW

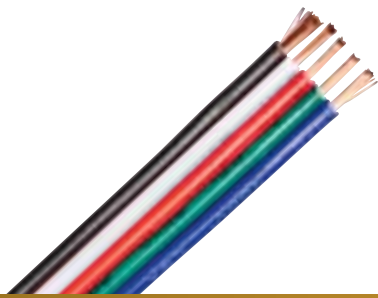
5-core PVC cable

| | |
|-----------------------|-----------------------------|
| Product Code | CR575RGBW |
| Construction material | Copper cable |
| Cable | PVC 5 x 0.75mm ² |
| Guarantee | 1-year |

USE IN CONJUNCTION WITH

| | |
|-------------------|---------|
| All RGBW products | 242-260 |
| JB7 | 281 |

- > Suitable for extending cable on RGBW products



CF505RGBW

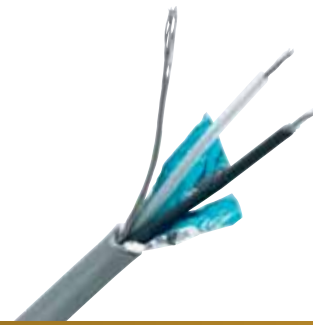
5-core RGBW ribbon cable

| | |
|-----------------------|--|
| Product Code | CF505RGBW |
| Construction material | Copper cable |
| Cable | 4x 0.3mm ² , 1x 0.5mm ² (black) ribbon cable |
| Guarantee | 1-year |

USE IN CONJUNCTION WITH

| | |
|---------|-----|
| C100924 | 240 |
| PR3011 | 238 |
| PR3002 | 239 |

- > Suitable for connecting C100924 to multiple PR3002 & PR3011



DMX RS 485 CABLE

3-core shielded cable

| | |
|-----------------------|---------------------|
| Product Code | DMX RS 485 CABLE |
| Construction material | Copper cable |
| Cable | 0.15mm ² |
| Guarantee | 1-year |

USE IN CONJUNCTION WITH

| | |
|---------|-----|
| DMX2102 | 241 |
|---------|-----|

- > Shielded cable
- > Interference-free DMX signals (suitable for DMX2102)
- > Supplied on 100m reels (also available by the metre)

WIRING & DRIVERS



COMPLEMENTING PRODUCTS

We offer wiring and drivers suitable for all Collingwood Lighting products so you can expect the same high quality and durability throughout your install.



IP RATED CONNECTORS

Our range of IP rated connectors allow your IP rated products 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 from 1.3m to 2m. Gel filled options can be opened and closed, allowing for repeat use. Available for series, parallel, RGBW and straight to mains wiring, and suitable for 2, 3 or 5-core cable, our IP rated connectors ensure that all of our IP rated LED lights can be wired to the same high standard.



PROFESSIONAL FINISH

More and more electrical contractors are using din rail enclosures for a neat professional finish to a lighting installation. Choose from a range of din rail mountable power supplies in 350mA, 700mA and 24V.



PSDIN350M
350mA
Din rail mountable driver



PSDIN700M
700mA
Din rail mountable driver



PSDIN10024
24V
Din rail mountable driver



COLOUR CHANGE REMOTES

To complement our RGB & RGBW products we offer a range of control systems. Use them to create different lighting zones to control separate areas with a single handheld control, wall mounted control or a smart device app for Android and IOS. If you wish to use your own control system you can using a DMX512 controller.



WC2820WH / WC2820BLK

1 - 4 zones
Wall mounted control



RC2819

1 - 6 zones
Handheld control



CollingwoodRGBW App

1 - 8 zones
Smart device app for Android and IOS

For a more detailed look at the remotes, wiring and power repeaters for our colour change products, go to the colour change section (Pages 232 - 263)

DIMMABLE OPTIONS

Each installation is unique, with its own individual requirements. Collingwood Lighting's range of dimmable power supplies provides the ability to easily control the ambience of individual zones. Choose from a range of 1-10V, DALI or mains dimming across 350mA, 700mA and 24V. Install Collingwood Lighting products as part of a home automation system or simply use existing cable for a smooth change over to LED from pre-existing lighting.



With a DALI system you can set the LEDs to respond to certain zones / rooms. It will dim all of the LEDs on each zone the same amount.

DALI dimming



If your product has an integrated mains dimmable driver, no separate driver is required. It is classed as a straight to mains product for easy installation where existing mains cable has been used.

Mains dimming



With a 1-10V system all the LEDs connected to the 1-10V dimmer will dim an equal amount. You can link up to 10 power supplies to one dimmer for dimming multiple fittings.

1-10V dimming

PRODUCTS PER DRIVER MATRIX 1/4

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

PLDM35020 *PSDAL350M* *PSDIM350* *PLD UNI-DRIVE 350MA* *PSDIN350M* *PLDCC/350/10-28*
*Numbers are for 24V input, have the maximum for 12V input *PLDM700 3* *PLDM70011* *PSDAL700M* *PSDIM700* *PLD UNI-DRIVE 700MA* *PSDIN700M* *PLDCC/700 12-24*
*Numbers are for 24V input, have the maximum for 12V input *PSDIM900* *PSDAL900M*

| DRIVER INFORMATION | | | | | | | | | | | | | | | | |
|--------------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|---------------|-------|-------|-------|-------|-------|-------|------|
| Constant Current or Constant Voltage | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC |
| IP rating | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 |
| Output classification | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 900mA | 900mA | |
| Dimmable | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | | Mains | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | | 1-10V | DALI | |
| Din rail mount | | | | | Yes | | | | | | | Yes | | | | |
| Plug & Play | | | | | | | | Yes | | | | | | | | |

| COLLINGWOOD DOWNLIGHTS | | | | | | | | | | | | | | | | |
|--------------------------------|--|--------|--------|--------|--------|---------|--|--|--|--|--|--|--|--|--|--|
| DL120 Page 95 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| DL130 Page 95 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| Fibre LED Light Page 96 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |

| MODULES THAT REQUIRE HOUSING | | | | | | | | | | | | | | | | |
|------------------------------|---|-------|-------|---|--|--|--|---|-------|-------|-------|-------|--|--|--|--|
| DM01 Page 100 | | | | | | | | 1 | 1 - 5 | 1 - 5 | 1 - 2 | 1 - 2 | | | | |
| RL111 Page 98 | 1 | 1 - 2 | 1 - 2 | 1 | | | | | | | | | | | | |

| GROUND LIGHTS (continued on next page) | | | | | | | | | | | | | | | | |
|--|--|--------|--------|--------|--------|---------|---|--|-------|-------|-------|-------|---------|--|--|--|
| GL063 Page 110 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| GL064 Page 110 | | 1 - 4 | 1 - 4 | 1 - 2 | 1 - 2 | 1 | | | | | | | | | | |
| GL090 Page 112 | | | | | | | 1 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 1 - 2 * | | | |
| GL040 Page 113 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| GL041 Page 113 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| GL050 Page 114 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| GL051 Page 114 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| GL016 Page 115 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL016 SQ Page 115 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL016 FAB Page 116 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL021 Page 117 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL022 Page 117 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL019 Flood Page 118 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL019 Spot Page 118 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL019LG Page 119 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL019 SQ Page 120 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL019 ST Page 121 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL019 S TK Page 122 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| GL018 C Page 123 | | | | | | | | | | | | | | | | |
| GL018 CAB Page 124 | | | | | | | | | | | | | | | | |

To place an order use the driver partcodes below.

| <i>PLR/350 1-5</i> | <i>PLU/350 1-9</i> | <i>PLU/PP/350 1-9</i> | <i>PLU/PP6/350 1-9</i> | <i>PLU/700 3-9</i> | <i>PL/JP/350 1-9</i> | <i>PL/JP/350 3-12</i> | <i>PS288</i> | <i>PL/JP/700 1-3</i> | <i>PL/JP/700 3-9</i> | <i>PS1524</i> | <i>PS3024</i> | <i>PS5024</i> | <i>PS10024</i> | <i>PSDIN10024</i> | <i>PSIP15024</i> | <i>PSIP24024</i> | <i>PSDIP6024</i> | <i>PSDIP10024</i> | <i>PSDAL20024</i> |
|--------------------|--------------------|-----------------------|------------------------|--------------------|----------------------|-----------------------|--------------|----------------------|----------------------|---------------|---------------|---------------|----------------|-------------------|------------------|------------------|------------------|-------------------|-------------------|
| CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CV | CV | CV | CV | CV | CV | CV | CV | CV | CV |
| IP40 | IP40 | IP40 | IP40 | IP40 | IP65 | IP65 | IP65 | IP65 | IP65 | IP20 | IP20 | IP20 | IP20 | IP20 | IP65 | IP65 | IP66 | IP66 | IP66 |
| 350mA | 350mA | 350mA | 350mA | 700mA | 350mA | 350mA | 350mA | 700mA | 700mA | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V |
| | | | | | | | | | | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V | 1-10V | DALI |
| | | Yes | Yes | | | | | | | | | | | Yes | | | | | |

† Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

| | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|--|-------|--------|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| 1 - 5 | 1 - 9 | 1 - 9 | 1 - 9 | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | 1 - 9 | 1 - 9 | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | | | | | | | | | |
|-------|-------|--|--|-------|-------|--------|-------|---|-------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1 | 1 - 3 | | | | 1 - 3 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 | 1 - 2 | | | | 1 - 2 | 1 - 3 | | | | | | | | | | | | | |
| | | | | 1 - 3 | | | | 1 | 1 - 3 | | | | | | | | | | |
| 1 | 1 - 3 | | | | 1 - 3 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 | 1 - 3 | | | | 1 - 3 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 | 1 - 3 | | | | 1 - 3 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| | | | | | | | | | | 1 - 30 | 1 - 60 | 1 - 100 | 1 - 200 | 1 - 200 | 1 - 300 | 1 - 480 | 1 - 120 | 1 - 200 | 1 - 400 |
| | | | | | | | | | | 1 - 30 | 1 - 60 | 1 - 100 | 1 - 200 | 1 - 200 | 1 - 300 | 1 - 480 | 1 - 120 | 1 - 200 | 1 - 400 |

PRODUCTS PER DRIVER MATRIX 2/4

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

PLDM35020 *PSDAL350M* *PSDIM350* *PLD UNI-DRIVE 350MA* *PSDIN350M* *PLDCC/350/10-28*
*Numbers are for 24V input, have the maximum for 12V input *PLDM700 3* *PLDM70011* *PSDAL700M* *PSDIM700* *PLD UNI-DRIVE 700MA* *PSDIN700M* *PLDCC/700 12-24*
*Numbers are for 24V input, have the maximum for 12V input *PSDIM900* *PSDAL900M*

| DRIVER INFORMATION | | | | | | | | | | | | | | | | |
|--------------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|---------------|-------|-------|-------|-------|-------|-------|------|
| Constant Current or Constant Voltage | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC |
| IP rating | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 |
| Output classification | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 900mA | 900mA | |
| Dimmable | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | | Mains | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | | 1-10V | DALI | |
| Din rail mount | | | | | Yes | | | | | | | Yes | | | | |
| Plug & Play | | | | | | | | Yes | | | | | | | | |

| GROUND LIGHTS (continued from previous page) | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| GL018 SQ Page 125 | | | | | | | | | | | | | | | | |
| GL018 T Page 126 | | | | | | | | | | | | | | | | |

| WALL LIGHTS | | | | | | | | | | | | | | | | |
|----------------------------|--|--------|--------|--------|--------|---------|--|--|--|--|--|--|--|--|--|--|
| OCTOLED Page 138 | | 1 - 4 | 1 - 4 | 1 - 2 | 1 - 2 | | | | | | | | | | | |
| WL220A Page 141 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| WLO20A BLK Page 141 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| WL320A Page 141 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 2 * | | | | | | | | | | |
| WL050 Page 144 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| MC020 S Page 146 | | 1 - 9 | 1 - 9 | 1 - 5 | 1 - 5 | 1 - 3 * | | | | | | | | | | |
| MC010 S Page 147 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| MF02 IP Page 148 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| MS02 IP Page 149 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| ML01 Page 150 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| ML02 Page 151 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| ML03 Page 152 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |

| STRIP LIGHTS | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| LSV03 Page 165 | | | | | | | | | | | | | | | | |
| LSV02 Page 166 | | | | | | | | | | | | | | | | |
| LSV43 Page 167 | | | | | | | | | | | | | | | | |
| LSV42 Page 168 | | | | | | | | | | | | | | | | |
| LSV45 Page 170 | | | | | | | | | | | | | | | | |
| LSV44 Page 171 | | | | | | | | | | | | | | | | |
| LSC03 Page 171 | | | | | | | | | | | | | | | | |
| LSC43 Page 172 | | | | | | | | | | | | | | | | |
| LSC45 Page 173 | | | | | | | | | | | | | | | | |
| LSC83 Page 174 | | | | | | | | | | | | | | | | |
| LEDSTRIP IP Page 175 | | | | | | | | | | | | | | | | |

To place an order use the driver partcodes below.

PLR/350 1-5 *PLU/350 1-9* *PLU/PP/350 1-9* *PLU/PP/350 1-9* *PLU/700 3-9* *PL/PP/350 1-9* *PL/PP/350 3-12* *PS288* *PL/PP/700 1-3* *PL/PP/700 3-9* *PS1524* *PS3024* *PS5024* *PS10024* *PSDIN10024* *PSIP15024* *PSIP24024* *PSDIP6024* *PSDIP10024* *PSDAL20024*

| CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CV | CV | CV | CV | CV | CV | CV | CV | CV | CV |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|---------|-------|-------|------|
| IP40 | IP40 | IP40 | IP40 | IP40 | IP65 | IP65 | IP65 | IP65 | IP65 | IP20 | IP20 | IP20 | IP20 | IP20 | IP65 | IP65 | IP66 | IP66 | IP66 |
| 350mA | 350mA | 350mA | 350mA | 700mA | 350mA | 350mA | 350mA | 700mA | 700mA | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V |
| | | | | | | | | | | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V | 1-10V | DALI |
| | | | | | | | | | | | | | | | Yes | | | | |
| | | Yes | Yes | | | | | | | | | | | | | | | | |

† Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | | | | | | 1 - 30 | 1 - 60 | 1 - 100 | 1 - 200 | 1 - 200 | 1 - 300 | 1 - 480 | 1 - 120 | 1 - 200 | 1 - 400 |
| | | | | | | | | | | 1 - 30 | 1 - 60 | 1 - 100 | 1 - 200 | 1 - 200 | 1 - 300 | 1 - 480 | 1 - 120 | 1 - 200 | 1 - 400 |

| | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|--|-------|--------|-------|--|--|--|--|--|--|--|--|--|--|--|--|
| 1 | 1 - 2 | | | | 1 - 2 | 1 - 3 | | | | | | | | | | | | | |
| 1 | 1 - 3 | | | | 1 - 3 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 | 1 - 3 | | | | 1 - 3 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 | 1 - 3 | | | | 1 - 3 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | 1 - 9 | 1 - 9 | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 2 | 1 - 4 | | | | 1 - 4 | 1 - 4 | 1 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |
| 1 - 5 | 1 - 9 | | | | 1 - 9 | 3 - 12 | 1 - 3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--------|--------|---------|---------|---------|---------|---------|---------|---------|-------|
| | | | | | | | | | | ≤ 3m | ≤ 6m | ≤ 10m | ≤ 20m | ≤ 20m | ≤ 30m | ≤ 50m | ≤ 12m | ≤ 20m | ≤ 40m |
| | | | | | | | | | | ≤ 5.5m | ≤ 9.5m | ≤ 19.5m | ≤ 19.5m | ≤ 29.5m | ≤ 49.5m | ≤ 11.5m | ≤ 19.5m | ≤ 39.5m | |
| | | | | | | | | | | ≤ 3m | ≤ 6m | ≤ 10m | ≤ 20m | ≤ 20m | ≤ 30m | ≤ 50m | ≤ 12m | ≤ 20m | ≤ 40m |
| | | | | | | | | | | ≤ 5.5m | ≤ 9.5m | ≤ 19.5m | ≤ 19.5m | ≤ 29.5m | ≤ 49.5m | ≤ 11.5m | ≤ 19.5m | ≤ 39.5m | |
| | | | | | | | | | | ≤ 0.5m | ≤ 1.5m | ≤ 2.5m | ≤ 5.5m | ≤ 5.5m | ≤ 9.5m | ≤ 15m | ≤ 3.5m | ≤ 5.5m | ≤ 12m |
| | | | | | | | | | | | | | ≤ 5.5m | ≤ 5.5m | ≤ 9.5m | ≤ 15m | | ≤ 5.5m | ≤ 12m |
| | | | | | | | | | | ≤ 3m | ≤ 6m | ≤ 10m | ≤ 20m | ≤ 20m | ≤ 30m | ≤ 48m | ≤ 12m | ≤ 20m | ≤ 40m |
| | | | | | | | | | | ≤ 3m | ≤ 6m | ≤ 10m | ≤ 20m | ≤ 20m | ≤ 30m | ≤ 48m | ≤ 12m | ≤ 20m | ≤ 40m |
| | | | | | | | | | | ≤ 1m | ≤ 1.8m | ≤ 3m | ≤ 6m | ≤ 6m | ≤ 10m | ≤ 15m | ≤ 4m | ≤ 6m | ≤ 12m |
| | | | | | | | | | | ≤ 3m | ≤ 6m | ≤ 10m | ≤ 20m | ≤ 20m | ≤ 30m | ≤ 48m | ≤ 12m | ≤ 20m | ≤ 40m |
| | | | | | | | | | | ≤ 5m | ≤ 10m | ≤ 17m | ≤ 34m | ≤ 34m | ≤ 50m | ≤ 80m | ≤ 20m | ≤ 36m | ≤ 68m |

PRODUCTS PER DRIVER MATRIX 3/4

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

PLDM35020 **PSDAL350M** **PSDIM350** **PLD UNI-DRIVE 350MA** **PSDIN350M** **PLDCC/350/10-28**
*Numbers are for 24V input, have the maximum for 12V input **PLDM700 3** **PLDM70011** **PSDAL700M** **PSDIM700** **PLD UNI-DRIVE 700MA** **PSDIN700M** **PLDCC/700 12-24**
*Numbers are for 24V input, have the maximum for 12V input **PSDIM900** **PSDAL900M**

| DRIVER INFORMATION | | | | | | | | | | | | | | | | |
|--------------------------------------|-------|---------------|-------|-------|-------|-------|-------|-------|---------------|-------|-------|-------|-------|-------|-------|------|
| Constant Current or Constant Voltage | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC |
| IP rating | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 |
| Output classification | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 900mA | 900mA | |
| Dimmable | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | | Mains | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | | 1-10V | DALI | |
| Din rail mount | | | | | Yes | | | | | | | Yes | | | | |
| Plug & Play | | | | | | | | Yes | | | | | | | | |

| RETAIL RANGE | | | | | | | | | | | | | | | | |
|----------------------|--|-------|-------|---|--|--|--|--|---|---|---|--|--|---|---|---|
| RDSL Page 186 | | | | | | | | | | | | | | | 1 | 1 |
| RDSM Page 188 | | | | | | | | | 1 | 1 | 1 | | | | | |
| RDSS Page 190 | | 1 - 2 | 1 - 2 | 1 | | | | | | | | | | | | |
| SQSL Page 187 | | | | | | | | | | | | | | 1 | 1 | |
| SQSM Page 189 | | | | | | | | | 1 | 1 | 1 | | | | | |
| SQSS Page 191 | | 1 - 2 | 1 - 2 | 1 | | | | | | | | | | | | |

| UNIVERSAL LIGHTS | | | | | | | | | | | | | | | | |
|----------------------------------|--|--------|--------|--------|--------|---------|---|--|--------|--------|--------|--------|---------|--|--|--|
| LEDLINE 400 110 Page 200 | | | | | | | | | 1 - 2 | 1 - 2 | 1 | 1 | | | | |
| LEDLINE 400 25X6 Page 201 | | | | | | | | | 1 - 2 | 1 - 2 | 1 | 1 | | | | |
| LEDLINE 400 45 Page 202 | | | | | | | | | 1 - 2 | 1 - 2 | 1 | 1 | | | | |
| UL030 Page 209 | | | | | | | 1 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 1 - 2 * | | | |
| UL010 Page 210 | | | | | | | | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | |
| LED LYTE SURFACE Page 211 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| LED LYTE IP Page 212 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| LED LYTE IP T Page 213 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| LED LYTE Page 214 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |

| SPIKE LIGHTS | | | | | | | | | | | | | | | | |
|----------------------------|--|--------|--------|--------|--------|---------|---|--|-------|-------|-------|-------|---------|--|--|--|
| SL040A Page 218 | | | | | | | 1 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | 1 - 2 * | | | |
| SL220A Page 220 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | | | | | | | | | | | |
| SL020A BLK Page 220 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | | | | | | | | | | | |
| SL320A Page 221 | | 1 - 6 | 1 - 6 | 1 - 3 | 1 - 3 | | | | | | | | | | | |
| SL030 Page 222 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |
| SL130 Page 222 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |

| BOLLARDS | | | | | | | | | | | | | | | | |
|---------------------------|--|--------|--------|--------|--------|---------|--|--|--|--|--|--|--|--|--|--|
| BOL LED 1 Page 227 | | 1 - 18 | 1 - 18 | 1 - 10 | 1 - 10 | 1 - 6 * | | | | | | | | | | |

To place an order use the driver partcodes below.

| <i>PLR/350 1-5</i> | <i>PLU/350 1-9</i> | <i>PLU/PP/350 1-9</i> | <i>PLU/PP6/350 1-9</i> | <i>PLU/700 3-9</i> | <i>PL/JP/350 1-9</i> | <i>PL/JP/350 3-12</i> | <i>PS288</i> | <i>PL/JP/700 1-3</i> | <i>PL/JP/700 3-9</i> | <i>PS1524</i> | <i>PS3024</i> | <i>PS5024</i> | <i>PS10024</i> | <i>PSDIN10024</i> | <i>PSIP15024</i> | <i>PSIP24024</i> | <i>PSDIP6024</i> | <i>PSDIP10024</i> | <i>PSDAL20024</i> |
|--------------------|--------------------|-----------------------|------------------------|--------------------|----------------------|-----------------------|--------------|----------------------|----------------------|---------------|---------------|---------------|----------------|-------------------|------------------|------------------|------------------|-------------------|-------------------|
| CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CV | CV | CV | CV | CV | CV | CV | CV | CV | CV |
| IP40 | IP40 | IP40 | IP40 | IP40 | IP65 | IP65 | IP65 | IP65 | IP65 | IP20 | IP20 | IP20 | IP20 | IP20 | IP65 | IP65 | IP66 | IP66 | IP66 |
| 350mA | 350mA | 350mA | 350mA | 700mA | 350mA | 350mA | 350mA | 700mA | 700mA | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V |
| | | | | | | | | | | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V † | 1-10V | 1-10V | DALI |
| | | Yes | Yes | | | | | | | | | | | Yes | | | | | |

† Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

| | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
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|-----|-----|-----|-----|-----|-----|------|-----|-----|--|--|--|--|--|--|--|--|--|--|--|
| | | | | 1 | | | | 1 | | | | | | | | | | | |
| | | | | 1 | | | | 1 | | | | | | | | | | | |
| | | | | 1 | | | | 1 | | | | | | | | | | | |
| | | | | 1-3 | | | | 1-3 | | | | | | | | | | | |
| | | | | 3-9 | | | | 3-9 | | | | | | | | | | | |
| 1-5 | 1-9 | 1-9 | 1-9 | | 1-9 | 3-12 | 1-3 | | | | | | | | | | | | |
| 1-5 | 1-9 | 1-9 | 1-9 | | 1-9 | 3-12 | 1-3 | | | | | | | | | | | | |
| 1-5 | 1-9 | 1-9 | 1-9 | | 1-9 | 3-12 | 1-3 | | | | | | | | | | | | |
| 1-5 | 1-9 | 1-9 | 1-9 | | 1-9 | 3-12 | 1-3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|-----|---|-----|--|--|--|--|--|--|--|--|--|--|
| | | | | 1-3 | | | | 1 | 1-3 | | | | | | | | | | |
| 1 | 1-3 | 1-3 | 1-3 | | 1-3 | 1-4 | 1 | | | | | | | | | | | | |
| 1 | 1-3 | 1-3 | 1-3 | | 1-3 | 1-4 | 1 | | | | | | | | | | | | |
| 1 | 1-3 | 1-3 | 1-3 | | 1-3 | 1-4 | 1 | | | | | | | | | | | | |
| 1-5 | 1-9 | 1-9 | 1-9 | | 1-9 | 3-12 | 1-3 | | | | | | | | | | | | |
| 1-5 | 1-9 | 1-9 | 1-9 | | 1-9 | 3-12 | 1-3 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|--|-----|------|-----|--|--|--|--|--|--|--|--|--|--|--|--|
| 1-5 | 1-9 | 1-9 | 1-9 | | 1-9 | 3-12 | 1-3 | | | | | | | | | | | | |
|-----|-----|-----|-----|--|-----|------|-----|--|--|--|--|--|--|--|--|--|--|--|--|

PRODUCTS PER DRIVER MATRIX 4/4

Choosing the right power repeater and the right driver.

COLOUR CHANGE

For all constant current products you will need the **PR3011** and for all constant voltage products you will need the **PR3002**.

Once you know how many products you are using in your zone you will be able to use the relevant tables to work out how many power repeaters you will need, and which driver to power them.



LSR05 - Bespoke lengths available

Page 260

| Length of strip per power repeater | Wattage driver required | Product (driver) |
|------------------------------------|-------------------------|------------------|
| Up to 2m per PR3002 | 50W | PS5024 |
| Up to 5m per PR3002 | 100W | PS10024 |
| Up to 10m per PR3002 | 150W | PSIP15024 |



LED5050RGB - Bespoke lengths available



Page 261

| Length of strip per power repeater | Wattage driver required | Product (driver) |
|------------------------------------|-------------------------|------------------|
| Up to 5m per PR3002 | 50W | PS5024 |
| Up to 10m per PR3002 | 100W | PS10024 |

DIMMING INTERFACE & POWER REPEATER COMPARISON 1/1



For full interface and power repeater specifications visit our website collingwoodlighting.com



| | TYPE OF INTERFACE | RATED WATTAGE (W) | INPUT CURRENT (A) | INPUT VOLTAGE (V) | OUTPUT CURRENT | OUTPUT VOLTAGE (V) | POWER FACTOR | AMBIENT TEMP. (TA = °C) | CASE TEMP. (TC = °C) | CONTROL | DOUBLE INSULATION | EFFICIENCY (%) | IP RATING | INRUSH CURRENT |
|---|-----------------------|-------------------|-------------------|-------------------|----------------|--------------------|--------------|-------------------------|----------------------|------------------------|-------------------|----------------|-----------|----------------|
|  HAL 104 | DALI | <0.05A | 220-240V | | | | 0.5 | -20°C to 50°C | 65°C | DALI broadcast dimming | Yes | 80% | IP20 | 20A 0.4ms |
|  PDCINT1-10V | 1-10V for 24V drivers | 288W | 12A max. | 24V DC | 12A max. | 24V DC | | -25°C to 40°C | 70°C | 1-10V dimming | | 99% | IP20 | |

| | CONSTANT CURRENT / CONSTANT VOLTAGE | RATED WATTAGE (W) | INPUT CURRENT (A) | INPUT VOLTAGE (V) | OUTPUT CURRENT | OUTPUT VOLTAGE (V) | AMBIENT TEMP. (TA = °C) | CASE TEMP. (TC = °C) | CONTROL |
|--|-------------------------------------|-------------------|-------------------|-------------------|----------------|--------------------|-------------------------|----------------------|-------------------|
|  PR3011 | Constant current | 4 x 8.4W max. | 1.6A max. | 24V DC | 4 x 350mA | 4 x 24V max. | 40°C | 70°C | C100924 / DMX2102 |
|  PR3002 | Constant voltage | 39W channel max. | 6.5A max. | 24V DC | 4 x 1.6A | 4 x 24V | 40°C | 70°C | C100924 / DMX2102 |

The products will be powered by power repeaters that require a 24V driver. The table below shows you which driver you need for the number of power repeaters you are using.















| PRODUCTS PER PR3011 | | | PRODUCTS PER PR3011 | | | PR3011s PER DRIVER | | |
|----------------------------|----------|-----------------|----------------------------|----------|-----------------|--------------------|-------------------------|---------------------------|
| Product Code | | Max. per PR3011 | Product Code | | Max. per PR3011 | Number of PR3011s | Wattage driver required | Product (driver) |
| DL329RGBW | Page 256 | 6 | SL021CARGB | Page 259 | 6 | 1 | 50W | PS5024 |
| GL007RGBW | Page 242 | 2 | UL010RGBW | Page 255 | 6 | 2 - 3 | 100W | PS10024 |
| GL008RGBW | Page 243 | 1 | UL030RGBW | Page 254 | 2 | 4 - 5 | 150W | PSIP15024 |
| GL016RGBW | Page 247 | 6 | UL345CARGB | Page 251 | 1 | | | |
| GL040CARGB | Page 245 | 6 | UL346CARGB | Page 252 | 1 | | | |
| GL050RGBW | Page 246 | 6 | UL347CARGB | Page 253 | 1 | | | |
| GL090RGBW | Page 244 | 2 | WL070RGBW | Page 248 | 1 | | | |
| LL030CARGB | Page 258 | 6 | WL075CARGB | Page 249 | 2 | | | |
| LL090RGBW | Page 257 | 2 | WL220CARGB | Page 250 | 6 | | | |
| SL220CARGB | Page 259 | 6 | WL021CARGB | Page 250 | 6 | | | |

















| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELY | DIMENSIONS (MM) | WEIGHT (KG) | CONNECTION OUTPUT | INPUT CABLE (M) | OUTPUT CABLE (M) | ACCESSORIES | WARRANTY |
|--------------------|----------------|--|------|--------------------------------|---|---|-----------------------|-------------------------|------------------------------------|------------------|
| | | Mains surge, short circuit, overload & overheating | Yes | H: 19mm L: 115mm W: 34mm |  | Screw terminals 1 x 1-2.5mm ² cable | | | | 2-year guarantee |
| | | | | H: 28mm L: 138mm W: 40mm |  | Terminals | 4mm ² max. | 1.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER | 1-year guarantee |

| IP RATING | LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | DIMENSIONS (MM) | WEIGHT (KG) | CONNECTIONS | ACCESSORIES | WARRANTY |
|-----------|--------------------|----------------|-----------------------------|----------------------------------|---|---|-------------|------------------|
| IP20 | Yes | | Short circuit & overheating | H: 28.5mm L: 170mm W: 58mm |  | Screw terminals < 2.5mm ² cable | | 5-year guarantee |
| IP20 | Yes | | Short circuit & overheating | H: 28.5mm L: 170mm W: 58mm |  | Screw terminals < 2.5mm ² cable | | 5-year guarantee |

DRIVER COMPARISON 1/3

For full driver specifications visit our website collingwoodlighting.com
















| | | RATED WATTAGE (W) (OUTPUT) | OUTPUT VOLTAGE (V) | OUTPUT CURRENT | INPUT WATTAGE (W) (MAX.) | INPUT VOLTAGE (V) | INPUT CURRENT (A) (MAX.) | INRUSH CURRENT | POWER FACTOR | AMBIENT TEMP. (TA = °C) | CONTROL | DOUBLE INSULATION | EFFICIENCY (%) | IP RATING | PLUG & PLAY |
|---|---------------------------|-------------------------------|--------------------|----------------|-----------------------------|-------------------|-----------------------------|----------------|---------------|-------------------------|---------|-------------------|----------------|-----------|-------------|
|  PLDM35020 | N/A (see page 268-275) | 30 - 52.5V | 350mA | 22W | 220-240V AC | 0.18A | 45A 0.2ms | >0.95 | -25°C to 50°C | Mains | Yes | >80% | IP20 | | |
|  PSDAL350M | N/A (see page 268-275) | 70V | 350mA | 30W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25°C to 50°C | 1-10V & DALI dimmable | Yes | 90% | IP20 | | |
|  PSDIM350 | N/A (see page 268-275) | 2 - 74V | 350mA | 30W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25°C to 50°C | 1-10V dimmable | Yes | >80% | IP20 | | |
|  PLD UNI-DRIVE 350MA | N/A (see page 268-275) | 49V max. | 350mA | 18W | 110-240V AC | 0.14A | 5A 0.05ms | 0.98 | -25°C to 50°C | 1-10V dimmable | Yes | 80% | IP20 | | |
|  PSDIN350 | N/A (see page 268-275) | 53V max. | 350mA | 30W | 220-240V AC | 0.16A | 5A 0.05ms | 0.95 | -25°C to 50°C | 1-10V dimmable | Yes | 88% | IP20 | | |
|  PLDCC/350/10-28 | N/A (see page 268-275) | 28V | 350mA | | 10-28V DC | | | | 40°C | Non-dimmable | | 60% | IP20 | | |
|  PLDM/700 3 | N/A (see page 268-275) | 13.5V max. | 700mA | 12W | 220-240V AC | 0.05A | 15A 0.5ms | >0.95 | -25°C to 40°C | Mains dimmable | Yes | 80% | IP20 | | |
|  PLDM70011 | N/A (see page 268-275) | 12V | 700mA | 12W | 220-240V AC | 0.05A | 15A 0.5ms | >0.95 | -25°C to 40°C | Mains dimmable | Yes | >80% | IP20 | Yes | |
|  PSDAL700M | N/A (see page 268-275) | 70V | 700mA | 56W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25°C to 50°C | 1-10V & DALI dimmable | Yes | 90% | IP20 | | |
|  PSDIM700 | N/A (see page 268-275) | 2 - 71V | 700mA | 56W | 110-240V AC | 0.25A | 20A 0.4ms | 0.95 | -25°C to 50°C | 1-10V dimmable | Yes | 80% | IP20 | | |
|  PLD UNI-DRIVE 700MA | N/A (see page 268-275) | 49V max. | 700mA | 30W | 110-240V AC | 0.14A | 5A 0.05ms | 0.98 | -25°C to 50°C | 1-10V dimmable | Yes | 80% | IP20 | | |
|  PSDIN700M | N/A (see page 268-275) | 46V max. | 700mA | 30W | 220-240V AC | 0.16A | 5A 0.05ms | 0.95 | -25°C to 50°C | 1-10V dimmable | Yes | 88% | IP20 | | |
|  PLDCC/700 12-24 | N/A (see page 268-275) | 23.5V max. | 700mA | | 10-28V DC | | | | 40°C | Non-dimmable | | 70% | IP20 | | |
|  PSDIM900 | N/A (see page 268-275) | 2-55V | 900mA | 56W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25°C to 50°C | 1-10V dimmable | Yes | >80% | IP20 | | |

| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELV | DIMENSIONS (MM) | WEIGHT (KG) | CONNECTION OUTPUT | INPUT CABLE (M) | OUTPUT CABLE (M) | ACCESSORIES | WARRANTY |
|--------------------|----------------|--|------|--------------------------------|---|-------------------|---|--|--|---|
| | | Mains surge, short circuit, overload & overheating | Yes | H: 30mm L: 141mm W: 43mm |  | Terminals | Rising clamp 5mm pitch | Rising clamp 5mm pitch | Mains grid dimmer DM298GRID | 1-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | Mains grid dimmer DM298GRID 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 103mm W: 67mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | Yes | Mains surge, short circuit, overload & overheating | Yes | H: 36mm L: 70mm W: 90mm |  | Terminals | 0.5-4mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | | | | H: 12mm L: 40mm W: 18mm |  | Flying leads | 0.2 | 0.2 | | 1-year guarantee |
| | | Mains surge, open circuit & short circuit | Yes | H: 28mm L: 78mm W: 50mm |  | Flying leads | 0.15m, 0.75mm ² 2-core cable | 0.3 | Mains grid dimmer DM298GRID |  |
| | | Mains surge, open circuit & short circuit | Yes | H: 28mm L: 78mm W: 50mm |  | Plug & Play | 0.15m, 0.75mm ² 2-core cable | AWG24 with Plug & Play connector | Mains grid dimmer DM298GRID |  |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 103mm W: 67mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | Yes | Mains surge, short circuit, overload & overheating | Yes | H: 36mm L: 70mm W: 90mm |  | Terminals | 0.5-4mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | | | | H: 18mm L: 50mm W: 32mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | | 1-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |

DRIVER COMPARISON 2/3








For full driver specifications visit our website collingwoodlighting.com







| | RATED WATTAGE (W) (OUTPUT) | OUTPUT VOLTAGE (V) | OUTPUT CURRENT | INPUT WATTAGE (W) (MAX.) | INPUT VOLTAGE (V) | INPUT CURRENT (A) (MAX.) | INRUSH CURRENT | POWER FACTOR | AMBIENT TEMP. (TA = °C) | CONTROL | DOUBLE INSULATION | EFFICIENCY (%) | IP RATING | PLUG & PLAY |
|---|----------------------------|--------------------|----------------|--------------------------|-------------------|--------------------------|----------------|--------------|-------------------------|----------------------------|-------------------|----------------|-----------|-------------|
|  PSDAL900M | N/A (see page 268-275) | 2-55V | 900mA | 56W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25°C to 50°C | 1-10V & DALI dimmable | Yes | >80% | IP20 | |
|  PLR/350 1-5 | N/A (see page 268-275) | 0-24V max. | 350mA | 14W | 220-240V AC | 0.07A | 12.8A 0.6ms | 0.6 | 40°C | Non-dimmable | Yes | >70% | IP40 | |
|  PLU/350 1-9 | N/A (see page 268-275) | 0-36V max. | 350mA | 25W | 220-240V AC | 0.14A | 25.5A 0.6ms | 0.55 | 40°C | Non-dimmable | Yes | 80% | IP40 | |
|  PLU/PP/350 1-9 | N/A (see page 268-275) | 0-36V max. | 350mA | 25W | 220-240V AC | 0.14A | 25.5A 0.6ms | 0.55 | 40°C | Non-dimmable | Yes | 80% | IP40 | Yes |
|  PLU/PP6/350 1-9 | N/A (see page 268-275) | 0-36V max. | 350mA | 25W | 220-240V AC | 0.14A | 25.5A 0.6ms | 0.55 | 40°C | Non-dimmable | Yes | 80% | IP40 | Yes |
|  PLU/700 3-9 | N/A (see page 268-275) | 0-36V max. | 700mA | 32W | 220-240V AC | 0.10A | 14.9A 0.6ms | 0.85 | 40°C | Non-dimmable | Yes | 80% | IP40 | |
|  PL/IP/350 1-9 | N/A (see page 268-275) | 36V max. | 350mA | 25W | 220-240V AC | 0.10A max. | 12.8A 0.8ms | 0.6 | 40°C | Non-dimmable | Yes | 70% | IP65 | |
|  PL/IP/350 3-12 | N/A (see page 268-275) | 48V max. | 350mA | 22W | 220-240V AC | 0.15A | 14.9A 0.6ms | 0.6 | 40°C | Non-dimmable | Yes | 70% | IP65 | |
|  PS288 | N/A (see page 268-275) | 12V max. | 350mA | 7W | 220-264V AC | 0.03A | 9A 0.8ms | 0.75 | -25°C to 50°C | Non-dimmable | Yes | 80% | IP65 | |
|  PL/IP/700 1-3 | N/A (see page 268-275) | 21V max. | 700mA | 21W | 220-240V AC | 0.06A | 12.8A 0.8ms | 0.85 | 40°C | Non-dimmable | Yes | 80% | IP65 | |
|  PL/IP/700 3-9 | N/A (see page 268-275) | 36V max. | 700mA | 32W | 220-240V AC | 0.12A | 14.9A 0.6ms | 0.85 | 40°C | Non-dimmable | Yes | 80% | IP65 | |
|  PS1524 | 15W | 24V DC | 0.625A max. | 18W | 220-240V AC | 0.08A | 28A 0.02ms | >0.5 | 45°C | Dimmable with PDCINT 1-10V | Yes | >84% | IP20 | |
|  PS3024 | 30W | 24V DC | 1.25A max. | 36W | 220-240V AC | 0.16A | 50A 0.4ms | >0.9 | -20°C to 45°C | Dimmable with PDCINT 1-10V | Yes | >80% | IP20 | |
|  PS5024 | 50W | 24V DC | 2A max. | 59W | 220-240V AC | 0.27A | 70A 0.4ms | >0.9 | -25°C to 45°C | Dimmable with PDCINT 1-10V | Yes | >85% | IP20 | |

| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELV | DIMENSIONS (MM) | WEIGHT (KG) | CONNECTION OUTPUT | INPUT CABLE (M) | OUTPUT CABLE (M) | ACCESSORIES | WARRANTY |
|--------------------|----------------|--|------|----------------------------------|---|-------------------|-----------------------------|-----------------------------|--|---|
| | | Mains surge, short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 19mm Ø: 53mm |  | Flying leads | 0.2 | 0.2 | | 1-year guarantee |
| Yes | | Mains surge, short circuit, overload & overheating | Yes | H: 28mm L: 111mm W: 48mm |  | Terminals | 1.5mm ² max. | 1.5mm ² max. | PLU weatherproof housing IX 265 | 1-year guarantee |
| Yes | | Mains surge, short circuit, overload & overheating | Yes | H: 28mm L: 111mm W: 48mm |  | Terminals | 1.5mm ² max. | 1.5mm ² max. | 1m Plug & Play extension lead LED LYTE 1M EXT 6-way Plug & Play extension lead LED LYTE 6 WAY EXT | 1-year guarantee |
| Yes | | Mains surge, short circuit, overload & overheating | Yes | H: 28mm L: 111mm W: 48mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | 1m Plug & Play extension lead LED LYTE 1M EXT 6-way Plug & Play extension lead LED LYTE 6 WAY EXT | 1-year guarantee |
| Yes | | Mains surge, short circuit, overload & overheating | Yes | H: 28mm L: 138mm W: 40mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | | 1-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 20mm Ø: 54mm |  | Flying leads | 0.3 | 0.3 | | 1-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 30mm Ø: 80mm |  | Flying leads | 0.3 | 0.3 | | 1-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 23mm L: 42mm W: 39mm |  | Flying leads | 0.27 | 0.27 | |  |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 20mm Ø: 54mm |  | Flying leads | 0.2 | 0.2 | | 1-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 30mm Ø: 80mm |  | Flying leads | 0.1 | 0.1 | | 1-year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 16mm L: 103mm W: 35.5mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924 | 3-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 18mm L: 160mm W: 58mm |  | Terminals | 0.75mm ² max. | 0.75mm ² max. | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 18mm L: 160mm W: 58mm |  | Terminals | 0.75mm ² max. | 0.75mm ² max. | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924 | 3-year guarantee |

DRIVER COMPARISON 3/3

For full driver specifications visit our website collingwoodlighting.com

| | RATED WATTAGE (W) (OUTPUT) | OUTPUT VOLTAGE (V) | OUTPUT CURRENT | INPUT WATTAGE (W) (MAX.) | INPUT VOLTAGE (V) | INPUT CURRENT (A) (MAX.) | INRUSH CURRENT | POWER FACTOR | AMBIENT TEMP. (TA = °C) | CONTROL | DOUBLE INSULATION | EFFICIENCY (%) | IP RATING | PLUG & PLAY |
|---|-------------------------------|--------------------|----------------|-----------------------------|-------------------|-----------------------------|----------------|--------------|-------------------------|----------------------------|-------------------|----------------|-----------|-------------|
|  PS10024 | 100W | 24V DC | 4A max. | 120W | 220-240V AC | 0.54A | 75A 0.7ms | >0.9 | -25°C to 45°C | Dimmable with PDCINT 1-10V | Yes | 90% | IP20 | |
|  PSDIN10024 | 100W | 24V DC | 4.2A max. | 120W | 110-240V AC | 1.53A | 45A 1ms | 0.98 | -25°C to 50°C | Dimmable with PDCINT 1-10V | Yes | 80% | IP20 | |
|  PSIP15024 | 150W | 24V DC | 6.3A max. | 178W | 220-240V AC | 0.80A | 65A 0.5ms | >0.95 | -40°C to 60°C | Dimmable with PDCINT 1-10V | | >85% | IP65 | |
|  PSIP24024 | 240W | 24V DC | 10A max. | 285W | 220-240V AC | 1.2A | 75A 0.6ms | >0.95 max. | -40°C to 60°C | Dimmable with PDCINT 1-10V | | 93% | IP65 | |
|  PSDIP6024 | 60W | 24V DC | 2.5A max. | 71W | 220-240V AC | 0.35A | 10A 0.4ms | >0.9 | -25°C to 45°C | 0-10V dimmable | Yes | >85% | IP66 | |
|  PSDIP10024 | 100W | 24V DC | 4.15A max. | 120W | 220-240V AC | 0.546A | 45A 0.7ms | >0.98 | -40°C to 60°C | 0-10V dimmable | | >80% | IP66 | |
|  PSDAL20024 | 200W | 24V DC | 8.33A max. | 240W | 220-240V AC | 1A | 50A 0.8ms | 0.98 | -25°C to 60°C | DALI dimmable | | >85% | IP66 | |

| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELV | DIMENSIONS (MM) | WEIGHT (KG) | CONNECTION OUTPUT | INPUT CABLE (M) | OUTPUT CABLE (M) | ACCESSORIES | WARRANTY |
|--------------------|----------------|--|------|----------------------------------|---|-------------------|---|---|--|------------------|
| | | Mains surge, short circuit, overload & overheating | Yes | H: 31mm L: 180mm W: 65.5mm |  250g | Terminals | 0.75mm ² max. | 0.75mm ² max. | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3-year guarantee |
| Yes | | Mains surge, short circuit, overload & overheating | Yes | H: 93mm L: 100mm W: 56mm |  350g | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | | 3-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 38mm L: 222mm W: 68mm |  1kg | Flying leads | 1mm ² | 1.5mm ² | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 40mm L: 244mm W: 67mm |  1.2kg | Flying leads | 0.3m, 1mm ² 2-core cable Ø: 7mm | 0.3m, 1mm ² 2-core cable Ø: 7mm | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 45mm L: 200mm W: 70mm |  1.1kg | Flying leads | 0.3m 3x1.0mm ² core cable Ø: 7mm | 2x0.3m 3x1.0mm ² core cable Ø: 7mm | Grid dimmer kit PDC/GRID DIMMER | 3-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 53mm L: 255mm W: 80mm |  1.2kg | Flying leads | Mains: 0.3m, 1mm ² 2-core cable Ø: 7mm 1-10V: 0.3m, 0.75mm ² 2-core cable Ø: 6.5mm | 0.3m, 1.5mm ² 2-core cable Ø: 8.5mm | Grid dimmer kit PDC/GRID DIMMER | 3-year guarantee |
| | | Mains surge, short circuit, overload & overheating | Yes | H: 53mm L: 255mm W: 80mm |  1.8kg | Flying leads | Mains: 0.3m, 1mm ² 2-core cable Ø: 7mm DALI: 0.3m, 0.75mm ² 2-core cable Ø: 6.5mm | 0.3m, 1.5mm ² 2-core cable Ø: 8.5mm | | 3-year guarantee |

ACCESSORIES 1/1

For accessories specific to product ranges visit the relevant sections.



JB1 (Parallel)

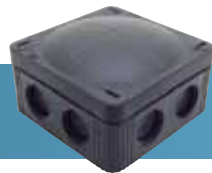
Waterproof junction box

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



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 |



IX 265

PLU weatherproof housing

KEY FEATURES

| | |
|------------|---------------------------------|
| IP rating | IP65 |
| Wiring | Series |
| Input | 1 |
| Output | 1 |
| Dimensions | L: 173mm W: 140mm D: 82mm |

USE IN CONJUNCTION WITH

PLU350/1-9



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 |
| WL020A | WL220A |
| WL320A | |



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

| | | |
|-----------|--------|------------|
| BOL LED 1 | GL016 | GL019 |
| GL019LG | GL021 | GL022 |
| GL040 | GL041 | GL050 |
| GL051 | GL063 | GL064 |
| GL090 | UL010 | UL030 |
| SL030 | SL130 | SL040A |
| SL220A | SL320A | SL020A BLK |



WC 5-9

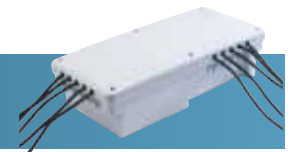
Quick release waterproof connector

KEY FEATURES

| | |
|---------------------|----------------------|
| Max. voltage | 250V AC or 50V 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

| | |
|---------------|--------------|
| BOL LED MAINS | GL007A |
| GL007 FROSTED | GL008A |
| GL009A | GL034A |
| GL038A | SL220A MAINS |
| WL339 | WL340 |
| WL341 | WL342 |



IX 365

PDC weatherproof housing

KEY FEATURES

| | |
|------------|----------------------------------|
| IP rating | IP65 |
| Wiring | Series / parallel |
| Input | 10 |
| Material | Plastic |
| Dimensions | L: 410mm W: 190mm D: 110mm |

USE IN CONJUNCTION WITH

| | |
|------------|------------|
| PS1524 | PS3024 |
| PS5024 | PS10024 |
| PSDAL20024 | PSDIN10024 |
| PSDIP6024 | PSDIP10024 |
| PSIP15024 | PSIP24024 |



PDC/GRID DIMMER

Grid dimmer kit for multiple fitting types

KEY FEATURES (Constant voltage)

| | |
|--------------|------------|
| Dimming | 1 - 10V |
| Minimum load | 1 driver |
| Maximum load | 10 drivers |

KEY FEATURES (Constant current)

| | |
|--------------|------------|
| Dimming | 1 - 10V |
| Minimum load | 1 driver |
| Maximum load | 10 drivers |

USE IN CONJUNCTION WITH (CV)

| | |
|------------|------------|
| PS1524 | PS3024 |
| PS5024 | PS10024 |
| PSDAL20024 | PSDIN10024 |
| PSDIP6024 | PSDIP10024 |
| PSIP15024 | PSIP24024 |

USE IN CONJUNCTION WITH (CC)

| | |
|---------------------|-----------|
| PSDAL350M | PSDAL700M |
| PSDIN350M | PSDIN700M |
| PSDIM350 | PSDIM700 |
| PSDIM900 | PSDAL900M |
| PLD UNI-DRIVE 350MA | |
| PLD UNI-DRIVE 700MA | |



Got a query? Contact our team on
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JB4 (Series)

Gel filled waterproof junction box



| KEY FEATURES | |
|---------------------|-------------------------|
| Max. voltage | 120V DC |
| Max. current | 700mA |
| Max. conductor size | 1.5mm ² |
| Cable diameter | 6.5 - 12mm ² |
| IP rating | IP68 (1.3m) |
| Wiring | Series |
| Inputs | 1 |
| Outputs | 1 - 3 |

| USE IN CONJUNCTION WITH | | |
|-------------------------|--------|------------|
| BOL LED 1 | GL016 | GL019 |
| GL019LG | GL021 | GL022 |
| GL040 | GL041 | GL050 |
| GL051 | GL063 | GL064 |
| GL090 | UL010 | UL030 |
| SL030 | SL130 | SL040A |
| SL220A | SL320A | SL020A BLK |

JB6

Inline IP68 gel filled cable connector

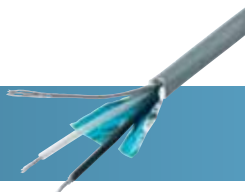


| KEY FEATURES | |
|---------------------|------------------------|
| Max. voltage | 250V AC |
| Max. current | 6A |
| Max. conductor size | 0.75mm ² |
| Cable diameter | 4.8 - 6mm ² |
| IP rating | IP68 (1.3m) |
| Wiring | Inline |
| Inputs | 1 |
| Outputs | 1 |

| USE IN CONJUNCTION WITH | |
|-------------------------|---|
| WCR 275 BLACK | Ideal for extending cable when it's not long enough |

DMX RS 485 CABLE

3-core shielded cable

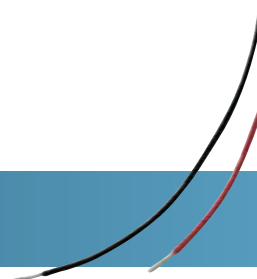


| KEY FEATURES | |
|------------------|---------------------------|
| Cable | DMX RS 485 cable |
| Material | Copper cable |
| Length | 100m reel or by the metre |
| Indoor / outdoor | Indoor only |

| USE IN CONJUNCTION WITH | |
|-------------------------|--|
| DMX2102 | |

CR135

PTFE cable



| KEY FEATURES | |
|--------------|--------------------------|
| Cable | Red or black 0.2052 PTFE |
| Material | 30A |
| Length | 100m reel |

| USE IN CONJUNCTION WITH | |
|-------------------------|------------|
| MC010 | MC020 |
| MF02 IP | ML01 |
| ML02 | ML03 |
| MS02 IP | OCTOLED |
| UY2 CONNECTOR | WL020A BLK |
| WL220A | WL320A |

JB5 (Parallel)

Gel filled waterproof junction box



| KEY FEATURES | |
|---------------------|-------------------------|
| Max. voltage | 250V AC |
| Max. current | 16A |
| Max. conductor size | 1.5mm ² |
| Cable diameter | 6.5 - 12mm ² |
| IP rating | IP68 (1.3m) |
| Wiring | Parallel |
| Inputs | 1 |
| Outputs | 1 - 3 |

| USE IN CONJUNCTION WITH | |
|-------------------------|--------|
| BOL LED MAINS | GL007A |
| GL007 FROSTED | GL008A |
| GL009A | GL018 |
| GL034A | GL038A |
| SL220A MAINS | WL339 |
| WL340 | WL341 |
| WL342 | |

JB7

5 pole screw terminal IP68 connector

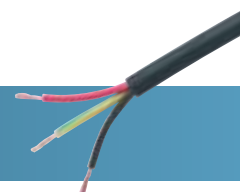


| KEY FEATURES | |
|---------------------|-------------------------|
| Max. voltage | 24V (RGBW only) |
| Max. current | 1.4A (RGBW only) |
| Max. conductor size | 4mm ² |
| Cable diameter | 7 - 10.5mm ² |
| IP rating | IP68 (1.3m) |
| Wiring | Parallel |
| Inputs | 1 |
| Outputs | 1 |

| USE IN CONJUNCTION WITH | |
|-------------------------|------------|
| GL007RGBW | GL016RGBW |
| GL040CARGB | GL050RGBW |
| GL090RGBW | UL010RGBW |
| UL030RGBW | UL345CARGB |
| UL346CARGB | UL347CARGB |
| SL021CARGB | SL220CARGB |
| WL021CARGB | WL220CARGB |

WCR 375 BLACK

3-core rubber cable

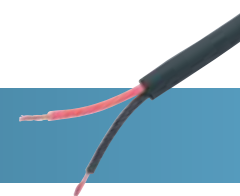


| KEY FEATURES | |
|------------------|------------------------------------|
| Cable | H05RN-F 3 x 0.75mm ² |
| Material | Copper cable, rubber outer |
| Length | 100m reel |
| Indoor / outdoor | Suitable for permanent outdoor use |

| USE IN CONJUNCTION WITH | |
|-------------------------|-----|
| JB1 | JB5 |
| WC 5-9 | |

WCR 275 BLACK

2-core rubber cable



| KEY FEATURES | |
|------------------|------------------------------------|
| Cable | H05RN-F 2 x 0.75mm ² |
| Material | Copper cable, rubber outer |
| Length | 100m reel |
| Indoor / outdoor | Suitable for permanent outdoor use |

| USE IN CONJUNCTION WITH | |
|-------------------------|-----|
| JB1 | JB2 |
| JB4 | JB6 |

INFORMATION

LIGHTING TERMS

2700K

CCT Kelvin temperature. 2700K is a warm white similar to the colour of incandescent and halogen lights.

AC (Alternating Current)

An electrical current alternating in direction.

Accent Lighting

Aesthetic lighting that provides emphasis, depth and decoration to draw attention to particular objects.

Ambient Temperature

Ambient temperature relates to the average air temperature in the environment surrounding the luminaire / LED driver.

Bathroom Zone

Suitability for a product to be installed near or in water. See page 288 for a more information.

CCT

Correlated Colour Temperature. See page 284

CRI

Colour Rendering Index. See page 285

DALI

Digital Addressable Lighting Interface. A method of digital dimming, allowing precise control of individual light fittings by an external control system.

DC (Direct Current)

An electrical current flowing in one direction only. All Collingwood products use DC output from the driver to operate the LEDs.

Dim to Warm

The CCT becomes warmer as the product is dimmed.

Downlight

A luminaire designed to be installed in a ceiling, with the lightsource pointed vertically downwards.

Flicker

A visible constant fluctuation of light output from on to off.

Flood Light

A luminaire featuring a wide beam angle, designed to provide illumination over a wide area.

IK Rating

Indicates the protection against mechanical impact. Rated from IK00 to IK10. See page 286

IP Rating

Ingress Protection Rating. See page 287

Kelvin (K)

Kelvin is the scientific unit for measuring CCT (Correlated Colour Temperature). See page 284

L70, B10 / L70, B50

Lifetime indication of LEDs. See page 286

LED (Light Emitting Diode)

Emits light through the conversion of electrical energy.

Lumens (lm)

The quantity of light emitted from a light source that is visible. The higher the lumens, the brighter the light.

Luminaire

Is a light fitting that contains a light source, mechanical fixings and a power supply.

Luminous Efficacy

Is a measure of energy efficiency and is calculated by dividing the lumens by the wattage (lm/W).

Luminous Flux

Total number of 'lumens' emitted from a light source.

Lux (lx)

Quantity of light that illuminates a surface, e.g. in a corridor 100 lux are required on the floor.

LUXEON Crisp White Technology

This technology activates fluorescing agents in paints and fabrics to display merchandise in true colours.

mA

A milliamp is one thousandth of an amp (0.001A). Collingwood products are typically designed to take 350mA, 700mA, 900mA.

Microwave Sensor

A presence sensor to reduce the amount of time lighting is left on unnecessarily

Neutral White (NW) / 4000K

Light with a CCT Kelvin temperature of 4000K. See page 284

PIR

Passive Infrared Device, used to activate lighting when a person enters a room or area.

Power Supply / Driver

Power source for the LED luminaire

REACH

Registration, Evaluation, Authorisation & Restriction of Chemicals. All Collingwood products are REACH compliant.

RGB

Red, Green, Blue. Used to describe colour changing products that can be used to dynamically add colour to any environment.

RGBW

Stands for Red, Green, Blue, White. Used to describe colour changing products that can be used to dynamically add colour to any environment. Can also be run on white when natural lighting is required.

RoHS

Restriction of Hazardous Substances, an EU requirement that restricts the use of harmful materials within products. All Collingwood products are RoHS compliant.

SELV

Separated Extra Low Voltage. A low voltage power supply that will not exceed 50V AC or 120V DC.

Spotlight

A light source featuring a narrow beam angle, designed to allow highlighting or illumination of specific features in an area.

Task Lighting

Describing the installation or retrofit of LED downlights or other lighting specifically to provide functional illumination of an environment.

Thermal Management

LEDs are susceptible to heat. Thermal management refers to components that are designed to remove heat efficiently to ensure high light output and long lifetime from the LEDs. See page 286

UGR

UGR stands for Unified Glare Rating. The lower the value, the more comfortable the environment.

Warm White (WW) / 3000K

Light with a CCT Kelvin temperature of 3000K. See page 284

Watt (W)

The unit of electrical power stating the amount of electricity consumed by the product.

WEEE

Waste Electrical and Electronic Equipment, Collingwood is part of a WEEE scheme. Our WEEE Registration: WEE/JC3973RV

WIRING / ELECTRICAL TERMS

Extension Leads

Ready made leads for easy extension of cables, usually with male / female plugs for Plug & Play extensions.

Flying Leads

Electrical leads already attached to the product.

H05RN-F

Electrical cable suitable for outdoor use.

Pattress Box

Back box for electrical front plates.

Plug & Play

Cables on product have 1 x male and 1 x female plugs attached for quick connection.

PTFE

A non-stick, chemically resistant insulating material.

Shielded Cable

Inner wires are wrapped in a shielding material to protect from electrical interference.

Straight to Mains

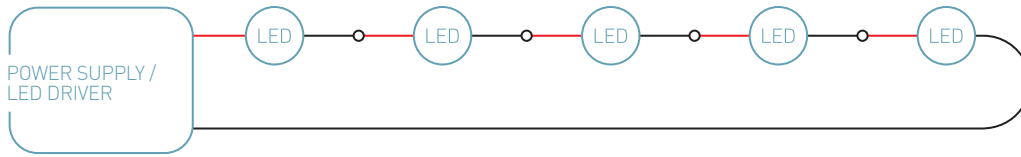
Product for which no other wiring is required other than connection to the mains supply.

SERIES / PARALLEL WIRING

LED lighting products can be wired in either Series or Parallel and both have their advantages.

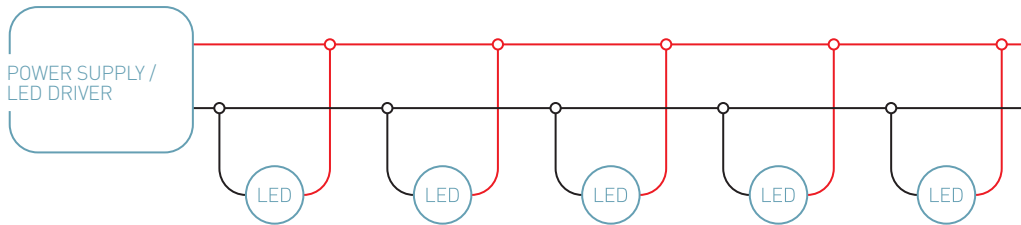
1 Series

Series wired products that require a separate constant current power supply.



2 Parallel

Parallel wired products that require a separate constant voltage power supply.



Collingwood Lighting specification sheets and catalogues clearly show which driver to use with which product and show how many LEDs can be fitted.

BUILDING REGULATIONS

Specifically related to the UK, the following building regulations should be complied with, where appropriate.

Part B - Fire Protection

When a hole is cut into a fire barrier (e.g. a fire rated ceiling), an appropriately fire-resistant luminaire must be used to block the hole from any pathway in the event of a fire in the room. All downlights are fire rated and designed around our patented fire-resistant technology.

Part C - Moisture Protection

When a hole is cut in an insulation barrier (e.g. a ceiling tile or plaster ceiling), air and moisture can travel into the ceiling void. Part C rated downlights can assist in energy saving by preventing heat loss from a room. The H4 FF and H4 Pro are two of the only Part C rated adjustable downlights available in the market.

Part E - Acoustic Protection

In multi-floor buildings, such as hotels and apartment blocks, sound can permeate throughout the building causing annoyance to neighbours and colleagues. With a Part E rated downlight, testing is carried out to ensure it is resistant to sound being transferred through partitions.

Part P - Electrical Safety

Covers all aspects of proper installation of electrical components. All Collingwood products have been designed to easily allow installation to Part P, but we recommend that they should be installed by a qualified electrician or a suitably competent person.

Part L - Conservation of Energy

LEDs are an energy efficient technology, however not all LED products are created equal. Part L ensures that only the most efficient products are installed, so that as little energy as possible is used, and therefore energy bills are lowered.

Since early 2014, the energy efficiency requirement in Part L is greater than 60lm/W. There is also an onus on using control systems to ensure that energy is not further wasted by lighting being left on when it is not needed.

SDCM (STANDARD DEVIATION COLOUR MATCHING)

SDCM refers to the colour consistency between light sources. SDCM is a different naming convention for MacAdam Ellipses, both terms are internationally accepted. A SDCM is a scientific term given to light sources that the human eye should not be able to distinguish a difference between in an installation.

Collingwood Lighting commits to ensuring that its illumination products have a colour consistency.

Look out for the SDCM logo throughout the catalogue.



CCT (CORRELATED COLOUR TEMPERATURE)

Choosing a colour temperature:

LEDs make it possible to have a choice of white colours or 'tones'. This allows easy customisation of an area to bring out the best in the materials and design of a room.

With standard white LED lighting, these tones range from warm-yellow to cool-blue white light, with several options in between. The graphic below is a reference that starts at a warm yellow colour on the left and fades into a cool blue colour on the right.

Collingwood Lighting uses the industry standard Correlated Colour Temperature (CCT) rating to describe the tones of white light available. The standard unit of CCT is the Kelvin (K), so CCT is described as a 'temperature'.

CCT options range from 4000K for neutral white, 3000K for warm white and 2700K for an even warmer white.

You will find colour consistency across our entire range of products ensuring seamless installations.

It can be a tricky to decide what is best for your installation, but our skilled technical sales and lighting design teams are on hand to guide you through choosing the perfect white tone for your room.



BEAM ANGLES

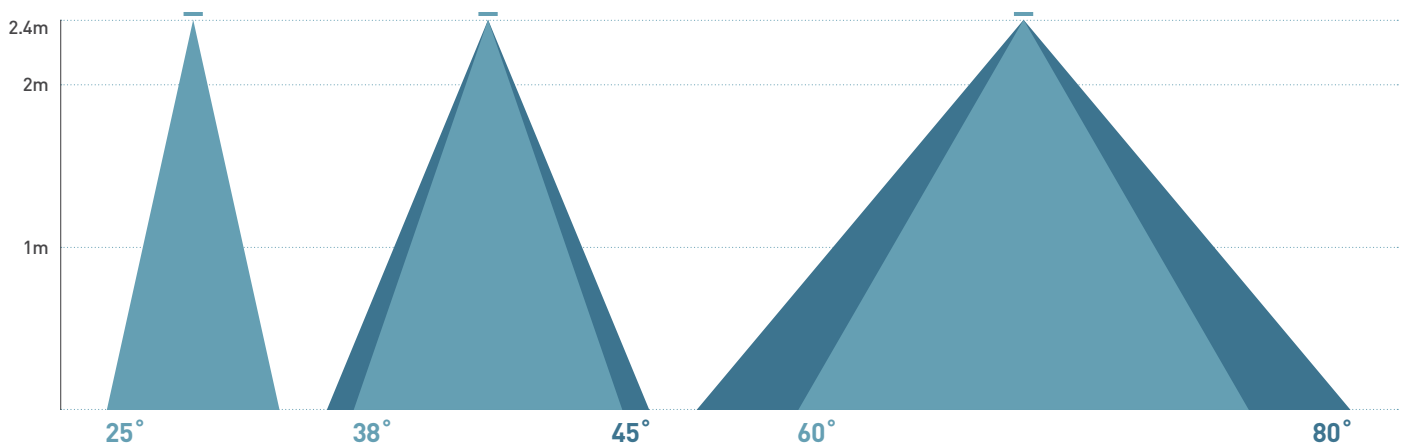
25° A narrow beam angle ideal for illuminating specific areas of interest with pin points of light.

38° The most commonly used beam angle since the introduction of the halogen lamp in the '70s. Ideal for illuminating large areas and space between fittings is normally 1m-1.2m to create an even spread of light at floor level. Commonly used throughout residential and commercial environments.

45° Can be used instead of a 38° beam angle when the ceiling is higher than standard or when looking to achieve a greater spread of light at floor and wall level. Commonly used in the hospitality market.

60° This wider beam angle allows for greater spacing between fittings, up to 1.8m apart, or greater illumination at 1.2m spacings, meaning fewer luminaires are required. Also produces a more even spread of light at floor and wall level. Commonly used throughout residential and commercial environments.

80° Ideal for high ceilings and illuminating large areas of space and is more commonly used in the commercial sector.



CRI (COLOUR RENDERING INDEX)

A value given to the quality of a light source with regards to how accurately it can replicate colours compared to natural daylight. CRI is given as a value out of 100, and is stated as the Rendering Index (Ra).

LEDs are generally available with a CRI of between 50Ra and 95Ra, with those in the lower end used for outdoor lighting, and those in the higher end used for professional photography.

It is generally accepted that a CRI of >70Ra is good, which is suitable for many installations, with >80Ra being very good, and more useful for general indoor lighting and >90Ra being used in specialised locations, e.g. retail or very high-end hospitality.



LOW CRI



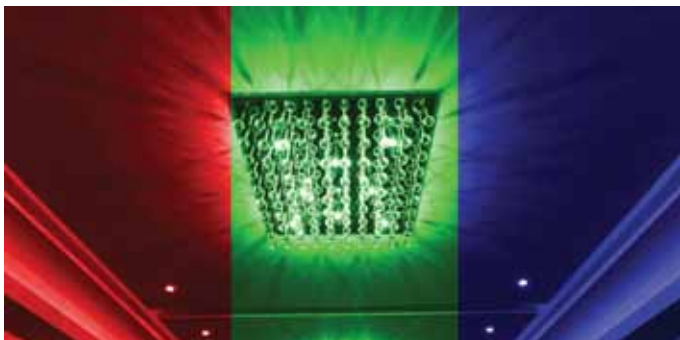
HIGH CRI

RGB vs RGBW

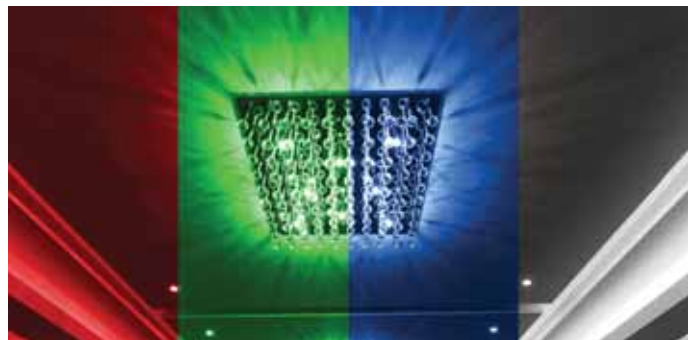
Use RGB products to select vivid red, green or blue schemes or mix the three together for even more colour options.

The addition of a white LED in RGBW products provides the option to create pastel shades and white in addition to the vivid red, green and blue colours.

RGBW can also be run on white, giving you the option of more natural lighting when it is required. Choose from 2700K, 3000K and 4000K.



RGB



RGBW

DIALux

Collingwood Lighting is pleased to announce that we have partnered with DIALux.

DIALux is a free 3D lighting design software which provides fast and accurate calculations and detailed, realistic visualisations of designs.

Our entire e-catalogue is available in our plug-in, giving you the freedom to select any product and add it to your virtual design. This will create an accurate representation of your lighting scheme before you get your hands dirty. Giving you the ability to get creative with your design and accomplish the perfect lighting scheme - with no regrets after installation.

To download our plug-in visit collingwoodlighting.com and click on the DIALux logo.

DIALux

LED LIFETIME / LIGHT OUTPUT

LEDs do not use heat to generate light in the same way as commonly used lights, where 80% of the power used is dissipated as heat. This is why LEDs are referred to as cool to touch and are safer to use, especially in ground light products. However an LED does have an operating temperature within its structure. This heat, if not removed will reduce the light output and product lifetime. This is why LED products have heatsinks or use the body of the product to dissipate the heat as quickly and efficiently as possible.

Many Collingwood LED products have visible heatsinks: these are typically made from anodised aluminium and feature many thin fins. It is essential to have an air gap around the heatsink, as this ensures that heat is quickly removed, which keeps the LED at optimum temperature.

LEDs do naturally lose their ability to produce light over many thousands of hours so Collingwood Lighting publishes the expected lifetime of products within the catalogue. This helps customers to easily determine how long the product will last, and to calculate how much energy will be saved compared to conventional

incandescent lamps over the life of the product. Use the cost savings calculator on our website to see our estimate of how much our lights can save you compared to non-LEDs. Lifetime is stated as the number of hours of operation until the light level emitted from the LEDs will have dropped to a specified percentage of the original published values.

For the majority of Collingwood Lighting products, lifetime is stated as 'L70, B10 X hours'. Where, 'L70' means 70% of original light output remains. 'B10' means that 10% of products will have reached this level (i.e. 90% of products will have a light output greater than 70% of published) after 'X' number of hours of operation.

As an example, the majority of Collingwood Lighting products state lifetime as L70, B10 for 70,000 hours. However, as LEDs do naturally lose their ability to emit light, even when they have reached this point, they will continue to operate for many hundreds of hours after this level has been reached, but at an ever-reducing level.

IK RATING

Degrees of protection against external mechanical impacts.

| NO. | PROTECTION |
|------|---------------------------------------|
| IK00 | Not protected |
| IK01 | Protected against 0.14 joules impact. |
| IK02 | Protected against 0.2 joules impact. |
| IK03 | Protected against 0.35 joules impact. |
| IK04 | Protected against 0.5 joules impact. |
| IK05 | Protected against 0.7 joules impact. |

| NO. | PROTECTION |
|------|-------------------------------------|
| IK06 | Protected against 1 joules impact. |
| IK07 | Protected against 2 joules impact. |
| IK08 | Protected against 5 joules impact. |
| IK09 | Protected against 10 joules impact. |
| IK10 | Protected against 20 joules impact. |

IP RATING

The IP rating normally has two numbers:

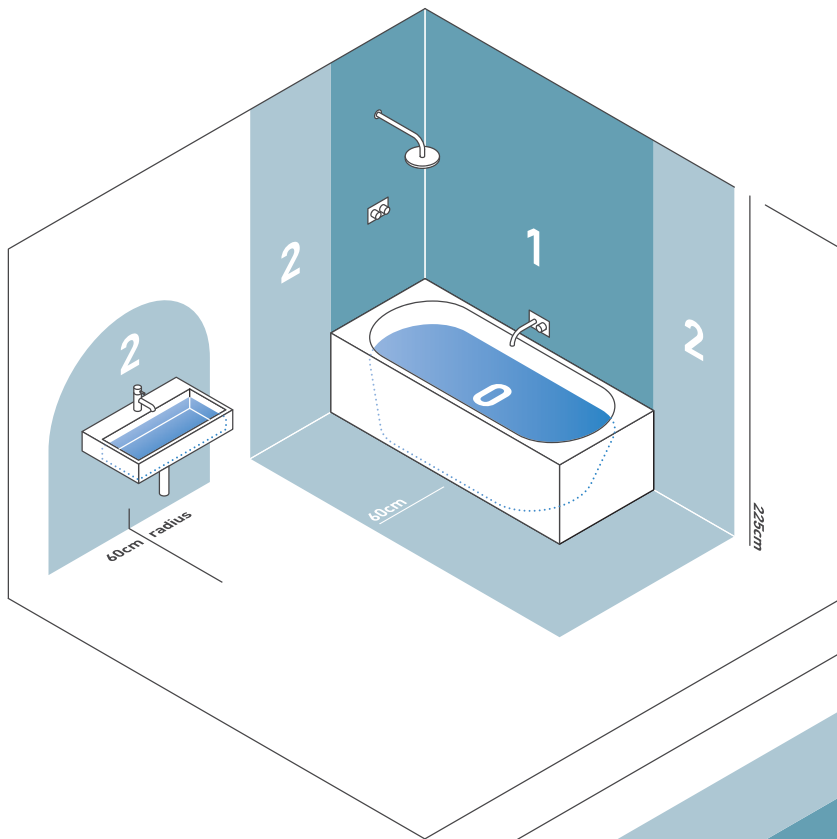
1. Level of protection from solid objects or materials
2. Level of protection from liquids (water)

| NO. | EXAMPLE | SOLID PROTECTION | NO. | EXAMPLE | WATER PROTECTION |
|-----|---------|--|-----|---------|---|
| 0 | | No special protection | 0 | | No special protection |
| 1 | | Protection from a large part of the body such as a hand (but no protection from deliberate access); from solid objects greater than 50mm in diameter | 1 | | Protection against condensation |
| 2 | | Protection against fingers or other objects not greater than 80mm in length and 12mm in diameter | 2 | | Protection against water droplets deflected up to 15° from vertical |
| 3 | | Protection from entry by tools, wires etc, with a diameter of 2.5mm or more | 3 | | Protection against spray up to 60° from vertical |
| 4 | | Protection against solid bodies larger than 1mm | 4 | | Protection against water spray from all directions |
| 5 | | Protection against dust that may harm equipment | 5 | | Protection against low pressure water jets (all directions) |
| 6 | | Totally dust-tight | 6 | | Protection against high pressure water jets and waves |
| | | | 7 | | Protection against temporary immersion |
| | | | 8 | | Protection against prolonged effects of submersion under pressure. Submersion depth to be specified.* |

IP65

Ingress Protection

* e.g. IP 68 @ 1bar = dust-tight and permanent protection to 1 bar pressure (9m water depth)



WHAT IP RATING DO I NEED?

Zone 0 ≥IPX7

Only 12V AC rms or 30V ripple-free DC SELV, transformers must be sited outside Zones 0,1,2.

Zone 1 ≥IPX4

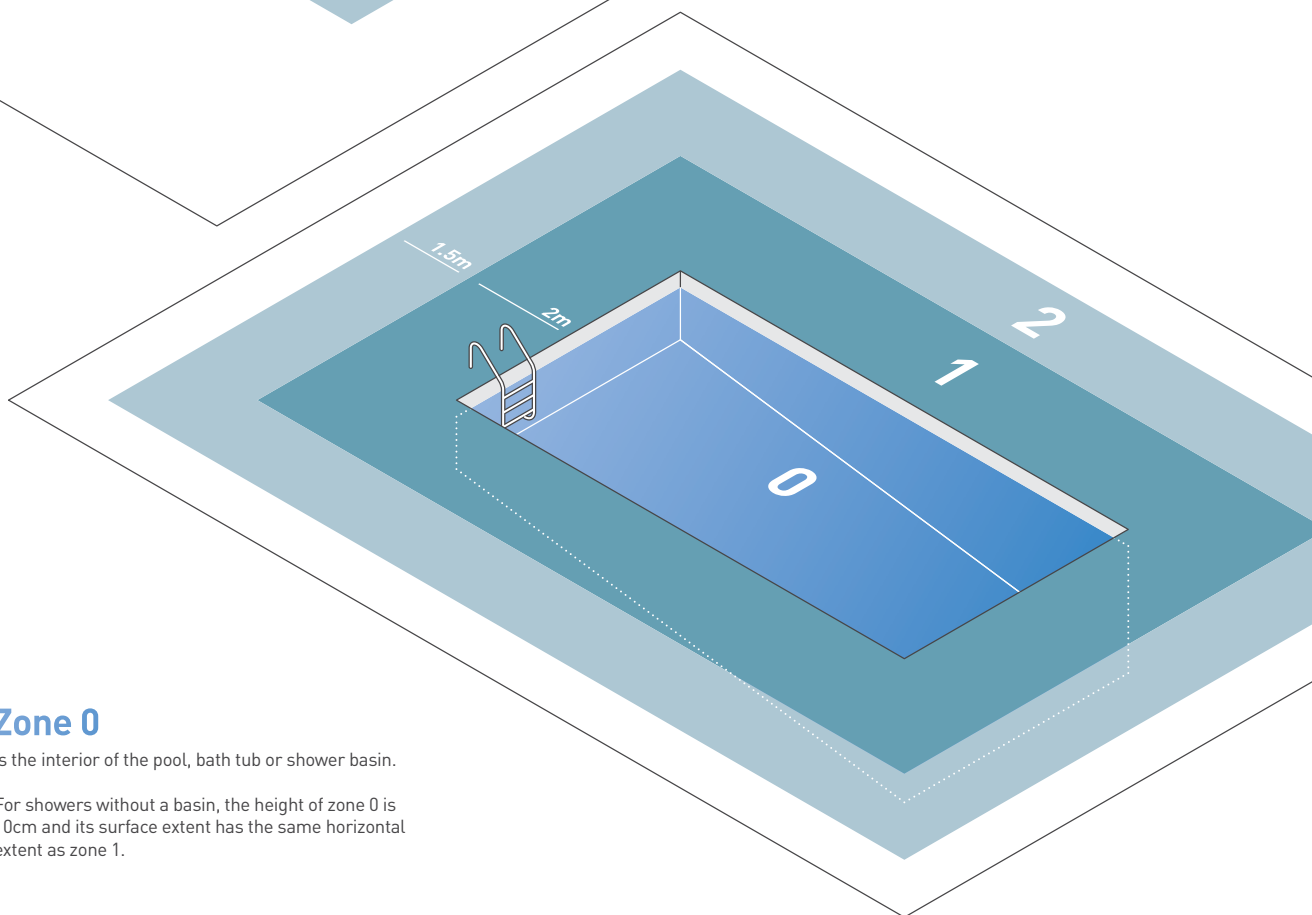
Where water jets are likely to be used for cleaning purposes in communal baths & showers at least IPX5 is required.

Zone 2 ≥IPX4

Where water jets are likely to be used for cleaning purposes in communal baths & showers at least IPX5 is required.

Outside zones 0, 1 & 2

No specific IP rating. Where water jets are likely to be used for cleaning purposes in communal baths & showers at least IPX5 is required.



Zone 0

is the interior of the pool, bath tub or shower basin.

For showers without a basin, the height of zone 0 is 10cm and its surface extent has the same horizontal extent as zone 1.

Zone 1

is the three-dimensional space limited by the finished floor level and the horizontal plane corresponding to the highest fixed shower head or water outlet or the horizontal plane lying 2.25m above the finished floor level, whichever is higher and the vertical plane circumscribing the bath tub or shower.

For showers without a basin, the limiting vertical plane of zone 1 is at a distance of 1.2m from the centre point of the fixed water outlet on the wall or ceiling.

Zone 2

is the three-dimensional space limited by the finished floor level and the horizontal plane corresponding to the highest fixed shower head or water outlet or the horizontal plane lying 2.25m above the finished floor level, whichever is higher than the vertical surface at the boundary of zone 1 and the parallel vertical surface at a distance of 60cm from the zone 1 border.

For showers without a basin, there is no zone 2 but an increased zone 1 is provided by the horizontal dimension of 1.2m.

DOWNLIGHTS

H2 LITE

| | | | |
|---|------------------------------|--|----|
|  | DLT388BS5530 DLT388BS5540 |   | 64 |
| NEW TO EDITION 22 | | | |
|  | DLT388MW5530 DLT388MW5540 |   | 64 |
| NEW TO EDITION 22 | | | |

H2 PRO 550 / H2 PRO 550 T

| | | | |
|---|--|--|----|
|  | DL35638NW DL35638NWEM DLT35638NW DLT35638NWEM DL35638WW DL35638WWEM DLT35638WW DLT35638WWEM |         | 65 |
| (bezels available separately) | | | |

| | | | |
|--|--|---|----|
|  | DL3566027 DL3566027EM DL35660NW DL35660NWEM DLT35660NW DLT35660NWEM DL35660WW DL35660WWEM DLT35660WW DLT35660WWEM |           | 65 |
| (bezels available separately) | | | |

H2 PRO 550 SPS

| | | | |
|---|--------------------------|--|----|
|  | DLT4335530 DLT4335540 |   | 66 |
| NEW TO EDITION 22 | | | |

H2 PRO 550 CS

| | | | |
|---|------------|---|----|
|  | DLT4286500 |  | 67 |
| NEW TO EDITION 22 | | | |

H2 PRO 700 / H2 PRO 700 T

| | | | |
|---|--|--|----|
|  | DL2423827 DL2423827EM DLT2423827 DLT2423827EM DL2423830 DL2423830EM DLT2423830 DLT2423830EM DL2423840 DL2423840EM DLT2423840 DLT2423840EM |             | 68 |
| (bezels available separately) | | | |

| | | | |
|---|--|--|----|
|  | DL2425527 DL2425527EM DLT2425527 DLT2425527EM DL2425530 DL2425530EM DLT2425530 DLT2425530EM DL2425540 DL2425540EM DLT2425540 DLT2425540EM |             | 68 |
| (bezels available separately) | | | |

H2 PRO DUSK

| | | | |
|---|------------|---|----|
|  | DLT2425528 |  | 69 |
| NEW TO EDITION 22 | | | |

H2 PRO ELECT


| | | | |
|--|-------------------------------------|---|----|
|  | DL4074528 DL4074530 DL4074540 |    | 70 |
| NEW TO EDITION 22 | | | |

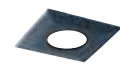
H2 PRO ELECT TRIMLESS

| | | | |
|---|-------------------------------------|--|----|
|  | DL4094528 DL4094530 DL4094540 | | 71 |
| NEW TO EDITION 22 | | | |

H2 BEZELS

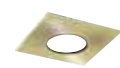
| | | | |
|---|--|--|----|
|  | RB539BLK (sold in multiples of two) | | 72 |
|  | RB359BS (sold in multiples of two) | | 72 |
|  | RB359CR (sold in multiples of two) | | 72 |
|  | RB359MW (sold in multiples of two) | | 72 |
|  | RB359PG (sold in multiples of two) | | 72 |
|  | RB359SIL (sold in multiples of two) | | 72 |

| | | | |
|---|---------------------------------------|--|----|
|  | RB359WH (sold in multiples of two) | | 72 |
|---|---------------------------------------|--|----|

| | | | |
|---|---|--|----|
|  | SQB360BLK (sold in multiples of two) | | 72 |
|---|---|--|----|









| | | | |
|---|--|--|----|
|  | SQB360CR (sold in multiples of two) | | 72 |
|---|--|--|----|










| | | | |
|---|--|--|----|
|  | SQB360MW (sold in multiples of two) | | 72 |
|---|--|--|----|










| | | | |
|---|--|--|----|
|  | SQB360PG (sold in multiples of two) | | 72 |
|---|--|--|----|






| | | | |
|---|---|--|----|
|  | SQB360SIL (sold in multiples of two) | | 72 |
|---|---|--|----|



H4 FF

| | | | |
|---|--|--|----|
|  | H4FF38BSNWDIM H4FF38BSNWEM H4TFF38BSNWDIM H4TFF38BSNWEM H4FF38BSWWDIM H4FF38BSWWEM H4TFF38BSWWDIM H4TFF38BSWWEM |         | 73 |
|---|--|--|----|





































| | | | |
|---|--|--|----|
|  | H4FF38CRNWDIM H4FF38CRNWEM H4TFF38CRNWDIM H4TFF38CRNWEM H4FF38CRWWDIM H4FF38CRWWEM H4TFF38CRWWDIM H4TFF38CRWWEM |         | 73 |
|---|--|--|----|

| | | | |
|---|--|--|----|
|  | H4FF38MWNWDIM H4FF38MWNWEM H4TFF38MWNWDIM H4TFF38MWNWEM H4FF38MWWWWDIM H4FF38MWWWWEM H4TFF38MWWWWDIM H4TFF38MWWWWEM |         | 73 |
|---|--|--|----|

| | | | |
|---|--|--|----|
|  | H4TFF38WHNWDIM H4TFF38WHNWEM H4TFF38WHWWDIM H4TFF38WHWWEM |     | 73 |
|---|--|--|----|

| | | | |
|---|--|--|----|
|  | H4FF60BSNWDIM H4FF60BSNWEM H4TFF60BSNWDIM H4TFF60BSNWEM H4FF60BSWWDIM H4FF60BSWWEM H4TFF60BSWWDIM H4TFF60BSWWEM |         | 73 |
|---|--|--|----|








































| DOWNLIGHTS | | |
|---|--|----|
|  | H4FF60CRNWDIM H4FF60CRNWEM H4TFF60CRNWDIM H4TFF60CRNWEM H4FF60CRWWDIM H4FF60CRWWEM H4TFF60CRWWDIM H4TFF60CRWWEM | 73 |
|  | H4FF60MWNWDIM H4FF60MWNWEM H4TFF60MWNWDIM H4TFF60MWNWEM H4FF60MWWWWDIM H4FF60MWWWWEM H4TFF60MWWWWDIM H4TFF60MWWWWEM | 73 |
|  | H4TFF60WHNWDIM H4TFF60WHNWEM H4TFF60WHWWDIM H4TFF60WHWWEM | 73 |
| H4 PRO 700 T | | |
|  | DLT415BS3827 DLT415BS3827EM DLT415BS3830 DLT415BS3830EM DLT415BS3840 DLT415BS3840EM | 75 |
|  | DLT415MW3827 DLT415MW3827EM DLT415MW3830 DLT415MW3830EM DLT415MW3840 DLT415MW3840EM | 75 |
|  | DLT415WH3827 DLT415WH3827EM DLT415WH3830 DLT415WH3830EM DLT415WH3840 DLT415WH3840EM | 75 |
|  | DLT415BS5527 DLT415BS5527EM DLT415BS5530 DLT415BS5530EM DLT415BS5540 DLT415BS5540EM | 76 |
|  | DLT415MW5527 DLT415MW5527EM DLT415MW5530 DLT415MW5530EM DLT415MW5540 DLT415MW5540EM | 76 |
|  | DLT415WH5527 DLT415WH5527EM DLT415WH5530 DLT415WH5530EM DLT415WH5540 DLT415WH5540EM | 76 |
| H4 EYEBALL | | |
|  | DL185BSNWDIM DL185BSNWEM DLT185BSNWDIM DLT185BSNWEM DL185BSWWDIM DL185BSWWEM DLT185BSWWDIM DLT185BSWWEM | 77 |
|  | DL185CRNWDIM DL185CRNWEM DLT185CRNWDIM DLT185CRNWEM DL185CRWWDIM DL185CRWWEM DLT185CRWWDIM DLT185CRWWEM | 77 |
|  | DL185WHNWDIM DL185WHNWEM DLT185WHNWDIM DLT185WHNWEM DL185WHWWDIM DL185WHWWEM DLT185WHWWDIM DLT185WHWWEM | 77 |
| H5 TRIMLESS | | |
|  | DL282WHNWDIM DL282WHNWEM DL282WHWWDIM DL282WHWWEM | 78 |
| H5 500 SYMMETRIC | | |
|  | DL284BSNWDIM DL284BSNWEM DLT284BSNWDIM DLT284BSNWEM DL284BSWWDIM DL284BSWWEM DLT284BSWWDIM DLT284BSWWEM | 79 |
|  | DL284CRNWDIM DL284CRNWEM DLT284CRNWDIM DLT284CRNWEM | 79 |
|  | DL284WHNWDIM DL284WHNWEM DLT284WHNWDIM DLT284WHNWEM DL284WHWWDIM DL284WHWWEM DLT284WHWWDIM DLT284WHWWEM | 79 |
| H5 500 ASYMMETRIC | | |
|  | DL283BSNWDIM DL283BSNWEM DLT283BSNWDIM DLT283BSNWEM DL283BSWWDIM DL283BSWWEM DLT283BSWWDIM DLT283BSWWEM | 80 |
|  | DL283CRNWDIM DL283CRNWEM DLT283CRNWDIM DLT283CRNWEM DL283CRWWDIM DL283CRWWEM DLT283CRWWDIM DLT283CRWWEM | 80 |
|  | DL283WHNWDIM DL283WHNWEM DLT283WHNWDIM DLT283WHNWEM DL283WHWWDIM DL283WHWWEM DLT283WHWWDIM DLT283WHWWEM | 80 |
| H5 1000 SYMMETRIC | | |
|  | DL292BSNW DLT292BSNW DL292BSWW DLT292BSWW | 81 |
|  | DL292WHNW DLT292WHNW DL292WHWW DLT292WHWW | 81 |
| H5 1000 ASYMMETRIC | | |
|  | DL291BSNW DLT291BSN DL291BSWW DLT291BSWW | 82 |
|  | DL291WHNW DLT291WHNW DL291WHWW DLT291WHWW | 82 |
| H6 LITE | | |
|  | DL800MW10030 DL800MW10040 | 83 |
| ACCESSORIES | | |
|  | 14800121 | 85 |
|  | DL/CONVERTBLK | 84 |
|  | DL/CONVERTCR | 84 |
|  | DL/CONVERTSIL | 84 |
|  | DLCONVERT70BS | 84 |
|  | DLCONVERT70CR | 84 |

| DOWNLIGHTS | | | DOWNLIGHTS | | | | | |
|---|-----------------------|----|---|------------------------------------|-----|---|---|-----|
|  | DLCONVERT70MW | 84 |  | AR120 SIL | 99 |  | DH04WH | 102 |
|  | DLCONVERT70PG | 84 |  | AR220 SIL | 99 |  | DH05WH | 102 |
|  | DLCONVERT70WH | 84 |  | DL120 NW DL120 WW | 95 |  | FIBRE LED 1/30 FIBRE LED 2/30 | 97 |
|  | DLCONVERT98BS | 84 |  | DL130 NW DL130 WW | 95 |  | FIBRE LED LIGHT NW | 96 |
|  | DLCONVERT98CR | 84 |  | DL201FNW DL201FWW | 91 |  | RL1112027 RL1112030 RL1112040 | 98 |
|  | DLCONVERT98WH | 84 |  | DL201SNW DL201SWW | 91 |  | RL1114027 RL1114030 RL1114040 | 98 |
|  | LEDEM01 | 89 |  | DL DROP ROD | 94 | GROUND LIGHTS | | |
|  | LEDEP05 LEDEP05BAT | 88 |  | DL PENDANT F NW DL PENDANT F WW | 93 | | | |
|  | LEDEP06 | 86 |  | DL SURFACE F NW DL SURFACE F WW | 92 |  | GL016 F AB AMBER GL016 F AB BLUE GL016 F AB GREEN GL016 F AB NW GL016 F AB RED GL016 F AB WW | 116 |
|  | LEDEP07 | 87 |  | DM012527 DM012530 DM012540 | 100 |  | GL016 F AMBER GL016 F BLUE GL016 F GREEN GL016 F NW GL016 F RED GL016 F WW | 115 |
|  | LEDEP360 | 90 |  | DM022430 | 101 |  | GL016 SQ BLUE GL016 SQ NW GL016 SQ WW | 115 |
| DOWNLIGHTS | | |  | DH02WH | 102 |  | GL018 C AB AMBER GL018 C AB BLUE GL018 C AB GREEN GL018 C AB NW GL018 C AB RED GL018 C AB WW | 124 |
|  | AR119 SIL | 99 |  | DH03WH | 102 |  | GL018 C AMBER GL018 C BLUE GL018 C GREEN GL018 C NW GL018 C RED GL018 C WW | 123 |

| GROUND LIGHTS | | | | | | | | |
|---|---|-----|---|--|-----|---|---|-----|
|  | GL018 SQ BLUE GL018 SQ NW GL018 SQ WW | 125 |  | GL040 F NW GL040 F WW | 113 |  | TUBE/33 TUBE/50 TUBE/68 | 127 |
|  | GL018 T BLUE GL018 T NW | 126 |  | GL040 S NW GL040 S WW | 113 | WALL LIGHTS | | |
|  | GL019LGFNW GL019LGFWW | 119 |  | GL041 F NW GL041 F WW | 113 | | | |
|  | GL019LGSNW GL019LGSWW | 119 |  | GL041 S NW GL041 S WW | 113 |  | MC010 S AMBER MC010 S BLUE MC010 S GREEN MC010 S NW MC010 S RED MC010 S WW | 147 |
|  | GL019 F AMBER GL019 F BLUE GL019 F GREEN GL019 F NW GL019 F RED GL019 F WW | 118 |  | GL050 BLUE GL050 NW GL050 WW | 114 |  | MC015 S NW MC015 S WW | 145 |
|  | GL019 S AMBER GL019 S BLUE GL019 S GREEN GL019 S NW GL019 S RED GL019 S WW | 118 |  | GL051 BLUE GL051 NW GL051 WW | 114 |  | MC020 S AMBER MC020 S BLUE MC020 S GREEN MC020 S NW MC020 S RED MC020 S WW | 146 |
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icons

Use our icons to quickly and easily determine the attributes of our products

| ICON | DESCRIPTION | ICON | DESCRIPTION | ICON | DESCRIPTION |
|--|--|---|--|---|---|
|  | WATTAGE Energy consumed by unit |  | BATHROOM ZONE The bathroom zone into which the product can be installed |  | EMERGENCY PACK Pre-wired emergency pack option available |
|  | STRAIGHT TO MAINS Powered by the mains |  | TILT ANGLE The angle in which the light direction can be adjusted |  | RGB 1. RGB product 2. There is an RGB option available |
|  | LIFE OF LED The expected LED lifetime |  | ROTATION ANGLE The angle in which the light can be rotated to adjust the light direction |  | RGBW 1. Contains an additional white LED as well as RGB 2. There is an RGBW option available |
|  | DIMMABLE Product is mains dimmable |  | FLICKER FREE Product has no visible flicker |  | COLOUR BINNING Product is SDCM |
|  | DIM TO WARM 1. Dim to warm product 2. There is a dim to warm option available |  | MICROWAVE SENSOR Product uses a microwave sensor to detect movement |  | GUARANTEE Length of the product guarantee |
|  | BEAM ANGLE Angle of light distributed |  | PIR SENSOR Product uses a PIR sensor to detect movement |  | EXTENDED WARRANTY 3-year extended warranty available (1-year guarantee as standard) |
|  | UGR 14 Unified Glare Rating |  | FACE TEMPERATURE Max operating temperature of the product |  | EXTENDED WARRANTY 4-year extended warranty available (1-year guarantee as standard) |
|  | IP RATING Level of sealing effectiveness, measured against dust and liquid |  | AMBIENT TEMPERATURE The maximum temperature of the environment the product can be installed into |  | EXTENDED WARRANTY 5-year extended warranty available (1-year guarantee as standard) |
|  | IK RATING Level of impact protection |  | BESPOKE LENGTHS LED strip can be cut to bespoke lengths (at cut points) |  | EXTENDED WARRANTY 7-year extended warranty available (1-year guarantee as standard) |
|  | INSULATION COVERABLE Insulation can be placed directly over product |  | WEIGHT The weight of the product | | |
|  | CUT OUT Diameter of hole required to install the product |  | PUSH-FIT TERMINAL CONNECTOR Available with push-fit terminal connector | | |

COLLINGWOOD LIGHTING LIMITED TERMS AND CONDITIONS OF TRADING

1. INTERPRETATION

1.1 In these Conditions the following words have the following meanings:

"Buyer" the person(s), firm or company from whom an order to supply Goods is received by the Company;

"Buyer Materials" any documents or other materials and any data or other information provided by the Buyer relating to the Goods;

"Company" Collingwood Lighting Limited, a company incorporated in England and Wales (company number 900626) whose registered office is at Brooklands House, Sywell Aerodrome, Sywell, Northampton, NN6 0BT.

"Company Materials" any documents or other materials, and any data or other information provided by the Company relating to the Goods;

"Conditions" the standard terms and conditions of sale as set out in this document together with any special terms and conditions agreed in writing between the Buyer and the Company.

"Contract" any contract between the Company and the Buyer for the sale of Goods;

"Delivery Point" the place where delivery of the Goods is to take place under Condition 4.1;

"Goods" any goods (or parts thereof) to be supplied to the Buyer by the Company.

1.2 In these Conditions: references to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as from time to time amended, consolidated, modified, extended, re-enacted or replaced; references to the masculine include the feminine and the neuter and to the singular include the plural and vice versa as the context requires; and headings will not affect the construction of these Conditions.

2. APPLICATION OF TERMS

2.1 These Conditions apply to all the Company's sales of Goods and any variation to these Conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by a director of the Company.

2.2 No terms or conditions endorsed upon, delivered with or contained in the Buyer's purchase order, confirmation of order or other document will form part of the Contract simply as a result of such document being referred to in the Contract.

2.3 Each order for Goods by the Buyer from the Company shall be deemed to be an offer by the Buyer to purchase Goods subject to these Conditions.

2.4 Orders should be in writing, and should state the Buyer's relevant order number. Verbal orders will be accepted but the Buyer will be responsible for any errors of description or quantity or date of delivery in Goods supplied thereunder.

2.5 No order placed by the Buyer shall be deemed to be accepted by the Company until the Company issues a written acknowledgement or (if earlier) the Company delivers the Goods to the Buyer.

2.6 The Buyer must ensure that the terms of any order or related document are complete and accurate.

2.7 Unless otherwise stated any quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it.

2.8 A credit limit applies to every account and will be disclosed on request or will be automatically disclosed if the Buyer's order would cause the credit limit to be exceeded.

3. DESCRIPTION

3.1 The description of the Goods shall be as set out in the Company's price list.

3.2 All descriptive matter and advertising issued by the Company and any descriptions or illustrations contained in the Company's documentation are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They will not form part of this Contract.

3.3 The Buyer should always ensure that the Goods ordered are suitable for the intended purpose before commencing installation, bulk production or investment in tooling.

4. DELIVERY

4.1 Unless otherwise agreed in writing by the Company delivery of the Goods shall take place at the address detailed in the Buyer's order.

4.2 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice.

4.3 Subject to the other provisions of these Conditions the Company will not be liable for any loss (including loss of profit), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor will any delay entitle the Buyer to terminate the Contract.

4.4 If for any reason the Buyer will not accept delivery of any of the Goods, or the Company is unable to deliver the Goods on time because the Buyer has not provided appropriate instructions, documents, licences or authorisations: risk in the Goods will pass to the Buyer (including loss or damage caused by negligence); the Goods will be deemed to have been delivered; and the Company may store the Goods until delivery whereupon the Buyer will be liable for all related costs and expenses (including without limitation storage and insurance).

4.5 The Buyer will provide at its expense at the Delivery Point adequate and appropriate equipment and manual labour for loading the Goods.

4.6 The Company may deliver the Goods by instalments and each instalment shall be treated as a separate Contract so that failure to deliver or defect in one or more instalment shall not entitle the Buyer to reject the other instalments.

5. NON-DELIVERY

5.1 The quantity of any consignment of Goods as recorded by the Company upon despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Buyer.

5.2 The Company shall not be liable for any non-delivery of Goods (even if caused by the Company's negligence) unless written notice is given to the Company within 3 days of the date when the Goods would in the ordinary course of events have been received.

5.3 Any liability of the Company for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

6. RISK/TITLE

6.1 The Goods are at the risk of the Buyer from the time of delivery.

6.2 Ownership of the Goods shall not pass to the Buyer until the Company has received in full (in cash or cleared funds) all sums due to it from the Buyer on any account.

6.3 Until ownership of the Goods has passed to the Buyer, the Buyer must: hold the Goods on a fiduciary basis as the Company's bailee; store the Goods (at no cost to the Company) separately from all other goods in such a way that they remain readily identifiable as the Company's property; not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; maintain the Goods in satisfactory condition insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. (On request the Buyer shall produce the policy of insurance to the Company and hold the proceeds of the insurance referred to in on trust for the Company and not mix them with any other money, nor pay the proceeds into an overdrawn bank account.)

6.4 The Buyer may resell the Goods before ownership has passed to it on the following conditions:

6.4.1 any sale shall be effected in the ordinary course of the Buyer's business at full market value; and

6.4.2 any such sale shall be a sale of the Company's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.

6.5 If the Buyer resells any of the Goods on a retail basis it will be responsible for complying with all applicable laws and for the provision of proper labels and instructions as required by the Department of Trade and Industry and/or any other authority for the time being empowered to make any requirements as to the sale or installation of such Goods.

6.6 The Buyer's right to possession of the Goods shall terminate immediately if:

6.6.1 the Buyer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any relief for insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation except a solvent voluntary liquidation for the purpose of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or a resolution is passed or a petition presented to any court for the winding up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Buyer; or

6.6.2 the Buyer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe/perform any of his/its obligations under the Contract or any other contract between the Company and the Buyer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or the Buyer ceases to trade; or

6.6.3 the Buyer encumbers or in any way charges any of the Goods.

6.7 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.

6.8 The Buyer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.

7. PRICE

7.1 Unless otherwise agreed by the Company in writing (and except in cases of obvious error) the price for the Goods shall be the price set out in the Company's price list as in force at the date of invoice.

7.2 Where the Company and the Buyer agree a discount in respect of the Company's price list any such discount will only apply where confirmed by the Company in writing and where payment is received from the Buyer in full within 14 days of it falling due.

7.3 If the Buyer is paying for Goods on a "pro-forma" basis (whether due to slow payment or otherwise) no discount to the price stated in the Company's price list will apply notwithstanding any prior arrangement to the contrary unless the discount is confirmed by a director of the Company in writing.

7.4 The Company reserves the right, by giving notice to the Buyer to increase the price of the Goods to reflect any increase in the cost to the Company which is due to any factor beyond the control of the Company, any change in delivery dates or quantities specified by the Buyer or any delay caused by the instructions of the Buyer or failure of the Buyer to provide adequate information or instructions.

7.5 The price for the Goods shall be exclusive of any value added tax which shall be paid at the rate and in the manner for the time being provided by law.

7.6 Carriage will be paid by the Company on Goods bought in accordance with its current conditions for delivery on the UK mainland. Further charges may apply where alternative delivery terms are agreed.

7.7 A handling charge of £5.50 will be added to orders with a Goods value of less than the current minimum order value stipulated by the Company's sales office from time to time.

7.8 Invoices credited as a result of Buyer error will attract a service charge of 15% if returned within 21 days. Between 22 days and 3 months a charge of 30% will apply.

8. PAYMENT

8.1 The price for Goods is due within 30 days of the end of the month in which it is invoiced unless specified differently on the invoice. Time for payment shall be of the essence.

8.2 No payment shall be deemed to have been received until the Company has received cleared funds.

8.3 All payments payable to the Company under the Contract shall become due immediately upon termination of this Contract despite any other provision.

8.4 The Buyer shall make all payments due under the Contract without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Buyer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Buyer.

8.5 If the Buyer fails to pay the Company any sum due pursuant to the Contract the Buyer will be liable to pay interest to the Company on such sum from the due date for payment at the annual rate of 5% above the base lending rate published from time to time by the Bank of England, accruing on a daily basis until payment is made, whether before or after any judgment.

9. QUALITY

9.1 The Company warrants that (subject to the other provisions of these Conditions) upon delivery, the Goods will be of satisfactory quality within the meaning of the Sale of Goods Act 1979.

9.2 The Company shall not be liable for a breach of the warranty in Condition 9.1 unless: the Buyer gives written notice of the defect to the Company; and (if the defect is as a result of damage in transit) to the carrier, within 14 days of delivery; and the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Buyer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Buyer's expense for the examination to take place.

9.3 The Company shall not be liable for a breach of the warranty in Condition 9.1 if the Buyer makes any further use of such Goods after giving such notice; or the defect arises because the Buyer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or the Buyer alters or repairs such Goods without the written consent of the Company.

9.4 Subject to Conditions 9.2 and 9.3, if any of the Goods do not conform with the warranty in Condition 9.1 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Buyer shall, at the Buyer's expense, return the Goods or the part of such Goods which is defective to the Company. If the Company complies with Condition 9.4 it shall have no further liability for a breach of the warranty in Condition 9.1 in respect of such Goods.

9.6 Where a defect is discovered the Buyer will inform the Company immediately notwithstanding the expiry of the warranty period in Condition 9.2.

10. LIMITATION OF LIABILITY (The Buyer's attention is drawn to the provisions of this Condition)

10.1 Subject to Condition 9, the following provisions of this Condition 10 set out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) in respect of any breach of these Conditions and any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract.

10.2 All terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.

10.3 Nothing in these Conditions excludes or limits the liability of the Company for death or personal injury caused by the Company's negligence or for fraudulent misrepresentation.

10.4 Subject to Conditions 10.2 and 10.3:

10.4.1 the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation or otherwise, arising in connection with the performance or contemplated performance of this Contract shall be limited to the price paid by the Buyer; and

10.4.2 the Company shall not be liable to the Buyer for any indirect or consequential loss or damage (whether for loss of profit, loss of business, depletion of goodwill or otherwise), costs, expenses or other claims for consequential compensation (howsoever caused) which arise out of or in connection with the Goods.

10.5 The Buyer warrants that any installation of the Goods will be performed by properly trained staff and agrees that it shall be solely responsible for any use to which the Goods are put after delivery.

11. INTELLECTUAL PROPERTY

11.1 The property and any copyright or other intellectual property rights in any Buyer Materials shall belong to the Buyer and any Company Materials shall, unless otherwise agreed in writing between the Buyer and the Company, belong to the Company, subject only to a licence in favour of the Buyer to use the Company Materials for the purposes of receiving the Goods.

12. FORCE MAJEURE

12.1 The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Buyer (without liability to the Buyer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials.

13. GENERAL

13.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.

13.2 If any provision or part of a provision of the Contract is found by any court or other body of competent jurisdiction to be illegal, invalid, void, voidable, unenforceable or unreasonable it shall be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.

13.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract will not be construed as a waiver of any of its rights under the Contract. Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Buyer will not be deemed a waiver of any subsequent breach or default and will in no way affect the other terms of the Contract.

13.4 The parties to this Contract do not intend that any term of this Contract will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.

13.5 The Buyer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company. The Company may assign the Contract or any part of it to any person, firm or company.

13.6 The formation, existence, construction, performance, validity and all aspects of the Contract shall be governed by English law and the parties submit to the exclusive jurisdiction of the English courts.

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