E D I T I O N 2 1

COLLINGWOOD
LIGHTING

Established 1901

EXTENDED WARRANTY

three year warranty

four year warranty

five year warranty

seven year 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 press and are subject to change without notice. Allow for a ±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 16, 33 & 42.

©2008 Copyright in this catalogue belongs to Collingwood Lighting Limited.

Material within this catalogue may not be used, sold, licensed, copied or reproduced in whole or in part or in any manner of form or otherwise without the written consent of Collingwood Lighting Limited. The products shown are protected by various intellectual property rights including Community Registered Design and UK and Community Unregistered Designs.

Any copying , hiring, lending, public performance, diffusion, transmission and/or broadcast of this catalogue or any part thereof is strictly prohibited and may give rise to civil liabilities and criminal prosecution.

CONTENTS

AN INTRODUCTION TO COLLINGWOOD 2
NEW PRODUCTS 4
ICONS 5
PICTORIAL CONTENTS 6

APPLICATIONS 12
Hospitality 16
Residential 44
Public Places 67
Retail 72

DOWNLIGHTS 76

GROUND LIGHTS 112

WALL LIGHTS 136

STRIP LIGHTS 164

RETAIL RANGE 182

UNIVERSAL LIGHTS 198

SPIKE LIGHTS 218

BOLLARDS 226

COLOUR CHANGE LIGHTS 234

WIRING & DRIVERS 266

EXPLANATION OF TERMS 284
INFORMATION 285
PRODUCT RANGE INDEX 290
ALPHABETICAL INDEX 301

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

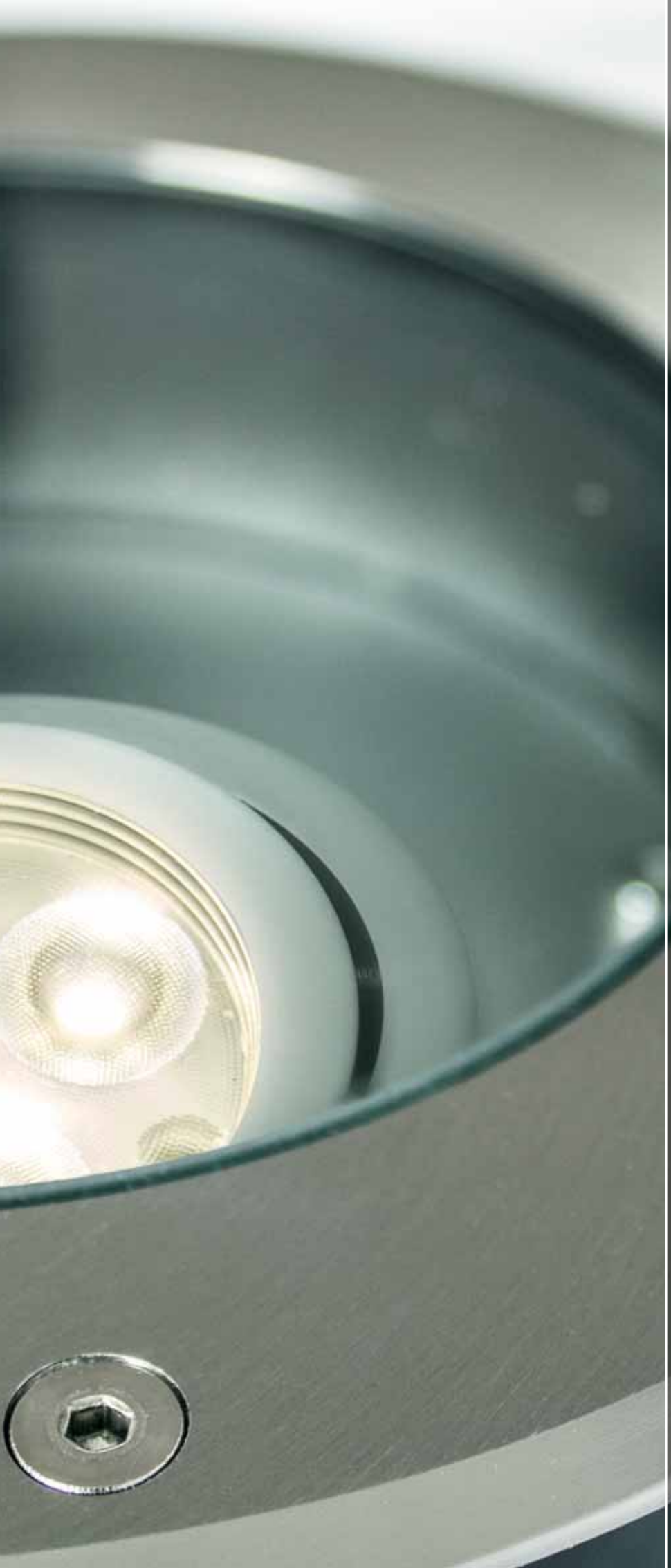
From the initial idea we collaborate with our customers to design beautifully lit, energy efficient spaces. We provide a wealth of resources to aid in maximising the potential of any space including case studies, guides and an exceptional lighting design team.

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, Collingwood began designing and producing LED lighting in 2002, we have 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

H2 LITE

Flicker-free, dimmable, fire-rated, LED downlight complete with bezel

40,000h | FLICKER FREE | IP65* | DIM | 5.8W

430 lumens *IP65 front / IP20 back Page **80**

WL80

Straight to mains tiltable LED wall light

30,000h | 120° | IP20 | 5.4W | 3yr

385 lumens Page **151**

WL92

Straight to mains general purpose LED bulkhead

25,000h | IK08 | IP65 | 14.6W | EM

1620 lumens Page **161**

icons

Use our icons to quickly and easily determine the attributes of our products

ICON	DESCRIPTION
1W	**WATTAGE** Energy consumed by unit
240V	**STRAIGHT TO MAINS** Powered by the mains
70,000h	**LIFE OF LED** The expected LED lifetime
DIM	**DIMMABLE** Product is mains dimmable
38°	**BEAM ANGLE** Angle of light distributed
IP65	**IP RATING** Level of sealing effectiveness, measured against dust and liquid
IK10	**IK RATING** Level of impact protection
Ø20	**CUT OUT** Diameter of hole required to install the product
1	**BATHROOM ZONE** The bathroom zone into which the product can be installed

ICON	DESCRIPTION
360°	**TILT ANGLE** The angle in which the light direction can be adjusted
360°	**ROTATION ANGLE** The angle in which the light can be rotated to adjust the light direction
FLICKER FREE	**FLICKER FREE** Product has no visible flicker
30°C	**FACE TEMP.** Max operating temperature of the product
t_a 40°C	**AMBIENT TEMP.** The maximum temperature of the environment the product can be installed into
BESPOKE	**BESPOKE LENGTHS** LED strip can be cut to bespoke lengths (at cut points)
100g	**WEIGHT** The weight of the product
	RGB **1.** RGB product **2.** There is an RGB option available
W	**RGBW** **1.** Contains an additional white LED as well as RGB **2.** There is an RGBW option available

ICON	DESCRIPTION
T	**T CONNECTOR** Available with push fit connector
EM	**EMERGENCY PACK** Pre-wired emergency pack option available
	COLOUR BINNING Product is 3SDCM
1 yr	**GUARANTEE** Length of the product guarantee
G3	**EXTENDED WARRANTY** 3-year extended warranty available (1-year guarantee as standard)
G4	**EXTENDED WARRANTY** 4-year extended warranty available (1-year guarantee as standard)
G5	**EXTENDED WARRANTY** 5-year extended warranty available (1-year guarantee as standard)
G	**EXTENDED WARRANTY** 7-year extended warranty available (1-year guarantee as standard)

CONTENTS

Terminal connector option available
Wherever you see this symbol

Emergency pack service available
Wherever you see this symbol

DOWNLIGHTS Page 76

H2 LITE
Page 80

H2 PRO 550/T
Page 81

H2 PRO 700/T
Page 82

H4 FF 38°
Page 84

H4 FF 60°
Page 85

H4 PRO 700 T 38°
Page 86

H4 PRO 700 T 55°
Page 87

H4 EYEBALL
Page 88

H5 TRIMLESS
Page 89

H5 500 SYMMETRIC
Page 90

H5 500 ASYMMETRIC
Page 91

H5 1000 SYMMETRIC
Page 92

H5 1000 ASYMMETRIC
Page 93

H6 ND
Page 94

H6 DIM
Page 95

DL201
Page 101

DL SURFACE
Page 102

DL PENDANT
Page 103

DL120
Page 105

DL130
Page 105

FIBRE LED LIGHT
Page 106

FIBRE LED
Page 107

RL111 20°/40°
Page 108

DM01
Page 110

GROUND LIGHTS Page 112

GL009A
Page 114

GL008A
Page 115

GL007A
Page 116

GL007 FROSTED
Page 117

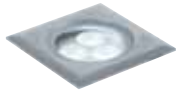
GL063
Page 118

GL064
Page 118

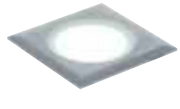
GL038A
Page 119

GL090
Page 120

GL040
Page 121


GL041
Page 121

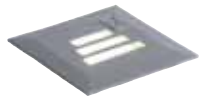
GL050
Page 122


GL051
Page 122

GROUND LIGHTS Page **112**

GL016
Page 123-124

GL021
Page 125



GL022
Page 125

GL019
Page 126-130

NEW

GL019LG
Page 127

GL018
Page 131-134

WALL LIGHTS Page **136**

WL261 / 262
Page 138

GL034A
Page 139

WL339
Page 140

WL340
Page 140

WL341
Page 141

WL342
Page 141

WL070A / 170A / 370A
Page 142

WL075A / WL175A
Page 143

MC040
Page 144

MC050
Page 144

WL060 / WL160
Page 145

OCTOLED
Page 146

WL140A F / WL240A F
Page 147

WL220A MAINS
Page 148

WL220A /
WL020ABLK / WL320A
Page 149

WL041IP
Page 150

NEW

WL80
Page 151

WL050
Page 152

MC025 S
Page 153

MC015 S
Page 153

MC020 S
Page 154

MC010 S
Page 155

MF02 IP / MS02 IP
Page 156-157

ML01
Page 158

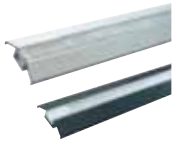
ML02
Page 159

ML03
Page 160

NEW

WL92
Page 161

STRIP LIGHTS — Page **164**



Profiles & accessories
Page 169-173

LSV03
Page 174

LSV43
Page 175

LSC03
Page 176

LSC43
Page 177

LSC05
Page 178

REEL & BESPOKE

LSC45
Page 179

LSC83
Page 180

LEDSTRIP IP
Page 181

RETAIL RANGE — Page **182**

TRACK COMPONENTS
Page 186-187

TRACK LIGHTING
Page 188-190

ROUND RECESSED
Page 192-196

SQUARE RECESSED
Page 193-197

UNIVERSAL LIGHTS — Page **198**

FL200
Page 200

LEDLINE 400
Page 201-203

LEDLINE MAINS 400
Page 204-206

LEDLINE MAINS 200
Page 207-209

UL030
Page 210

UL010
Page 211

LED LYTE SURFACE
Page 212

LED LYTE IP
Page 213

LED LYTE IP T
Page 214

LED LYTE
Page 215

SPIKE LIGHTS Page **218**

SL040A
Page 220

SL220A MAINS
Page 221

SL220A / SL020A BLK
Page 222

SL320A
Page 223

SL030
Page 224

SL130
Page 224

BOLLARDS Page **226**

BOL LED MAINS
Page 228

BOL LED 1
Page 229

BOL255
Page 231

BOL256
Page 232

COLOUR CHANGE Page **234**

WC2820BLK
Page 238

WC2820WH
Page 238

RC2819
Page 238

COLLINGWOODRGBW
Page 239

TR2818
Page 239

PR3011
Page 240

PR3002
Page 241

C100924
Page 242

DMX2102
Page 243

GL007RGBW
Page 244

GL008RGBW
Page 245

GL090RGBW
Page 246

GL040CARGB
Page 247

GL050RGBW
Page 248

GL016RGBW
Page 249

WL070RGBW
Page 250

WL075CARGB
Page 251

WL220CARGB/
WL021CARGB
Page 252

UL345CARGB
Page 253

UL346CARGB
Page 254

UL347CARGB
Page 255

UL030RGBW
Page 256

UL010RGBW
Page 257

DL329RGBW
Page 258

COLOUR CHANGE Page **234**

LL090RGBW
Page 259

LL030CARGB
Page 260

SL220CARGB/
SL021CARGB
Page 261

LSR05
Page 262

LED5050RGB
Page 263

REEL & BESPOKE

INTERFACES Page **266**

HAL 104
Page 274

PDCINT1-10V
Page 274

WIRING & DRIVERS Page **266**

PLDM35020
Page 276

PSDAL350M
Page 276

PSDIM350
Page 276

PLD UNI-DRIVE 350MA
Page 276

PSDIN350M
Page 276

PLDCC/350 10-28
Page 276

PLDM/700 3
Page 276

PLDM70011
Page 276

PSDAL700M
Page 276

PSDIM700
Page 276

PLD UNI-DRIVE 700MA
Page 276

PSDIN700M
Page 276

PLDCC/700 12-24
Page 276

PSDIM900
Page 276

PSDAL900M
Page 278

PLR/350/1-5
Page 278

PLU/350
Page 278

PLU/700 3-9
Page 278

PL/IP/350
Page 278

PS288
Page 278

PL/IP/700
Page 278

PS1524
Page 278

PS3024
Page 278

PS5024
Page 278

PS10024
Page 280

PSDIN10024
Page 280

PSIP15024
Page 280

PSIP24024
Page 280

PSDIP6024
Page 280

PSDIP10024
Page 280

PSDAL20024
Page 280

JUNCTION BOXES
Page 282-283

1-10V DIMMER
Page 282

CABLES
Page 283

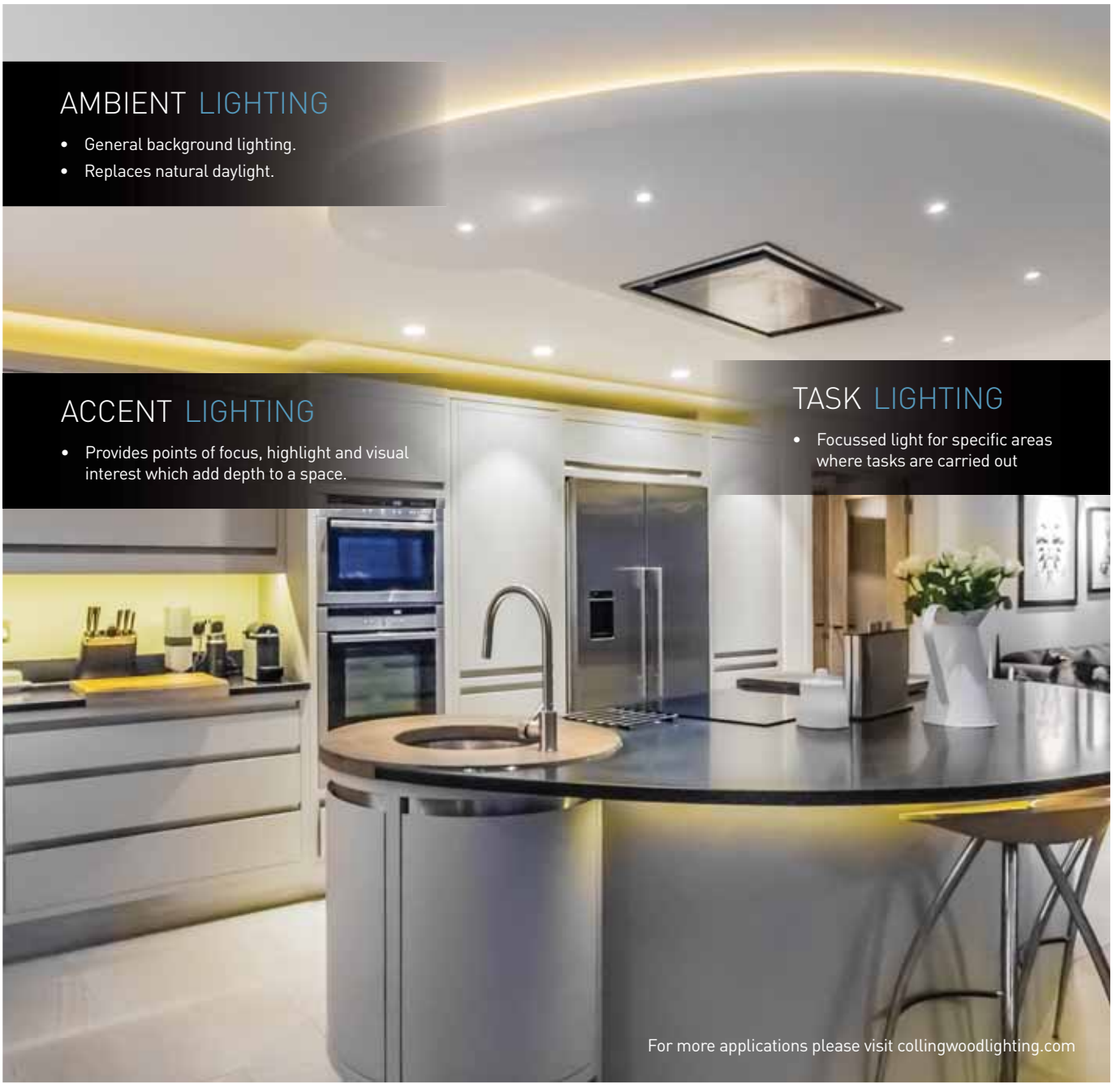
LAYERING LIGHT

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.



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.

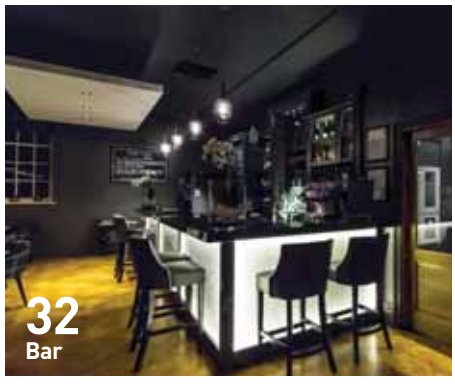
LIGHTING DESIGN SERVICE

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.

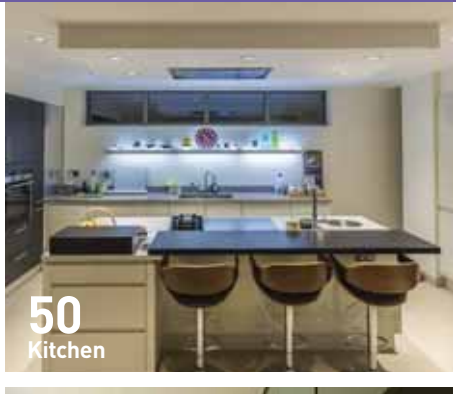
Our schemes are tailored to meet all your requirements, enabling you to enhance and control your environment through the use of light. By layering light from different sources, highlighting key features of the space, ensuring that light is provided where it is most needed and that flexibility is fully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

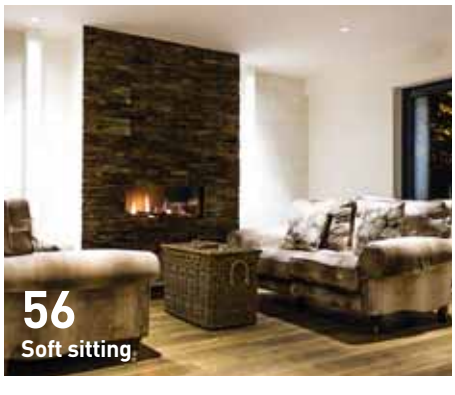
Call the sales team on **01604 495151** to discuss your ideas.

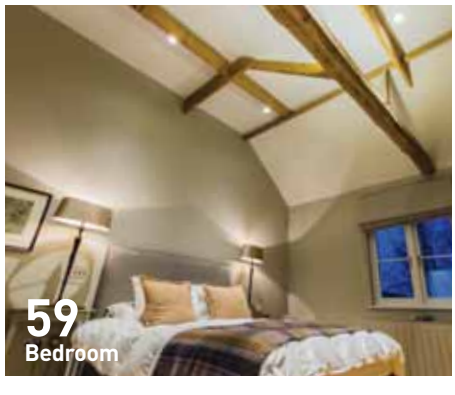
HOSPITALITY

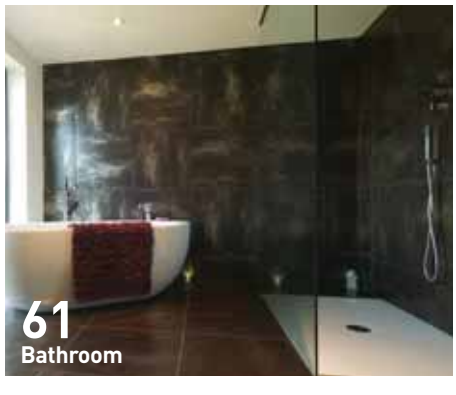


RESIDENTIAL



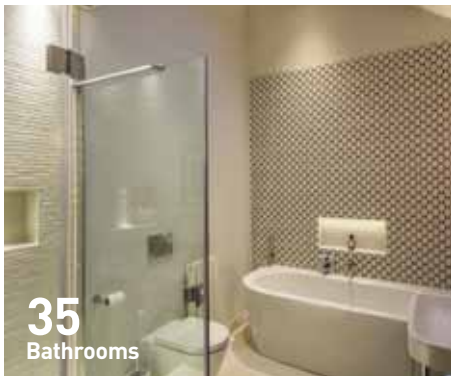


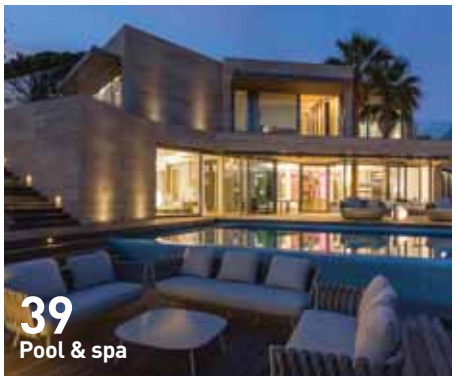




PUBLIC PLACES

APPLICATIONS





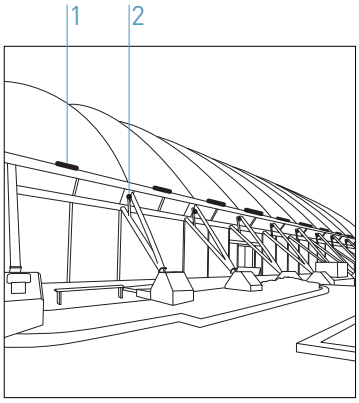
RETAIL

Bradford University

Recreate this look:

1. Page 254
UL346CARGB

2. Page 256
UL030RGBW



Kings Head - Spratton

Recreate this look:

1. Page 144

MC050

Add to this look...

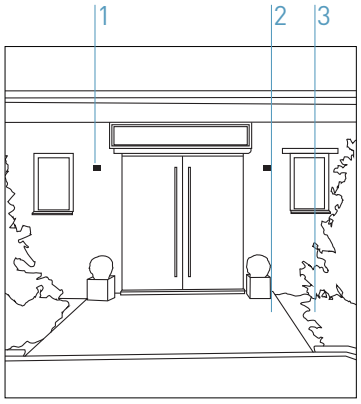
2. Page 224

SL030

3. Page 131

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.



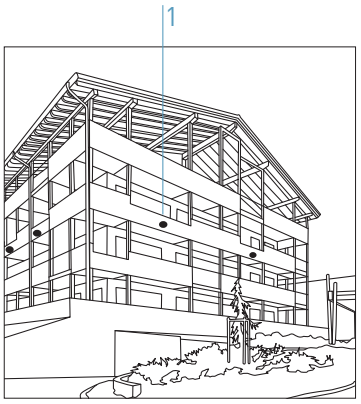
Hotel – Ulrichshof Rimbach

Architektur- und Designstudio: noa* - network of architecture

Recreate this look:

1. Page 143

WL075A



Hotel – Ulrichshof Rimbach

Architektur- und Designstudio: noa* - network of architecture

Recreate this look:

1. Page 102

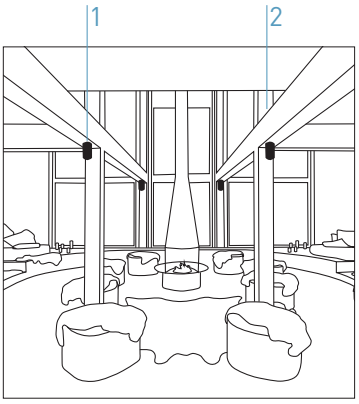
DLSURFACE

Add to this look...

2. Page 210

UL030

Highlighting of the timber structure could be achieved with UL030.



Odeon Cinema

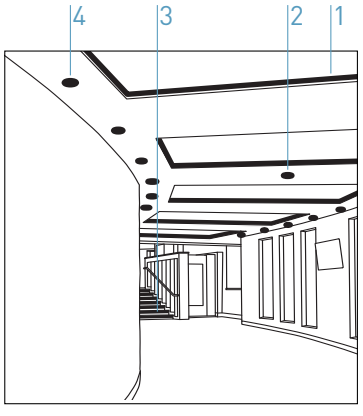
Recreate this look:

1. Page 263
LED5050RGB

2. Page 94
H6 ND

3. Page 179
LSC45

4. Page 91
H5 500 ASYM



Errol Flynn Cinema - Northampton

Recreate this look:

1. Page 81
H2 PRO 550 38°

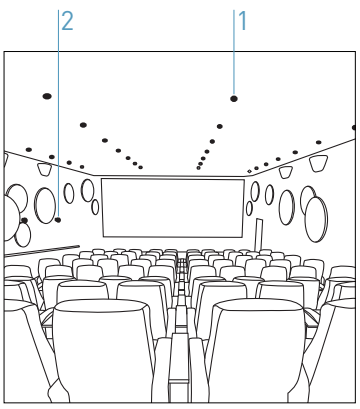
2. Page 150
WL041 IP

Add to this look...

1. Page 90
H5 500 SYM

1. Page 102
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:

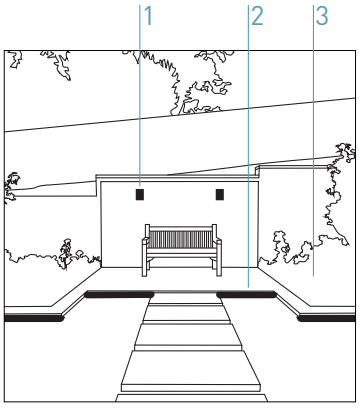
1. Page 142
WL370A

2. Page 181
LEDSTRIP IP

Add to this look...

3. Page 224
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 210

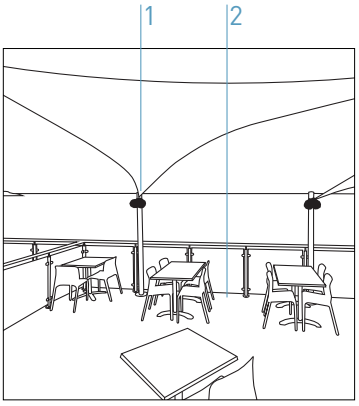
UL030

Add to this look...

2. Page 131

GL018 C

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



Hotel - Aix en Provence

Recreate this look:

1. Page 224
SL030

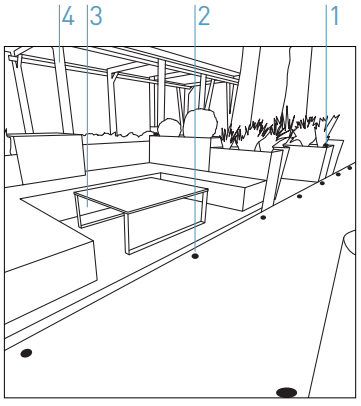
2. Page 122
GL050

3. Page 181
LEDSTRIP IP

Add to this look...

4. Page 143
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 139

GL034A

2. Page 181

LEDSTRIP IP

3. Page 142

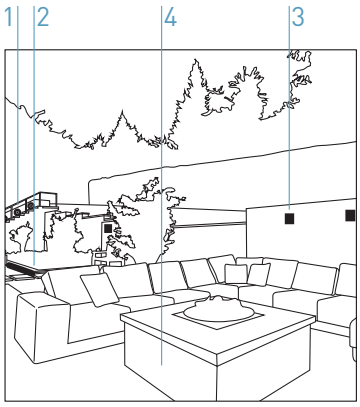
WL370A

Add to this look...

4. Page 141

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.



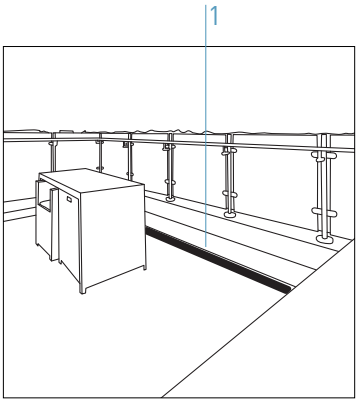
Venu Bar/Club - North Wales

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 180

LSC83



Brightwell Hall Farm - Ipswich

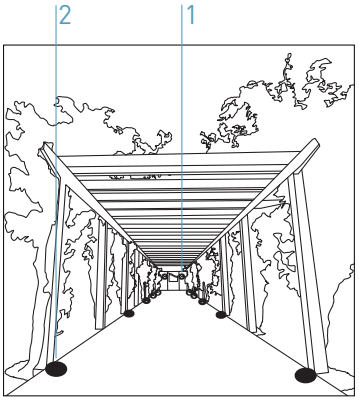
Recreate this look:

1. Page 142

WL070A

2. Page 119

GL038A



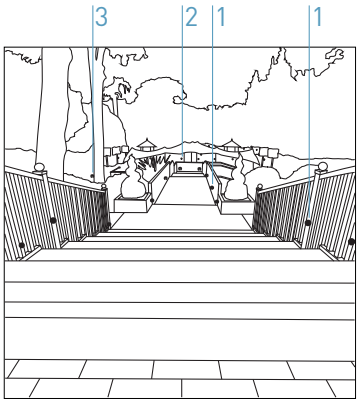
Private residence - Kent

Recreate this look:

1. Page 139
GL034A

2. Page 124
GL016F AB

3. Page 220
SL040A



Private residence

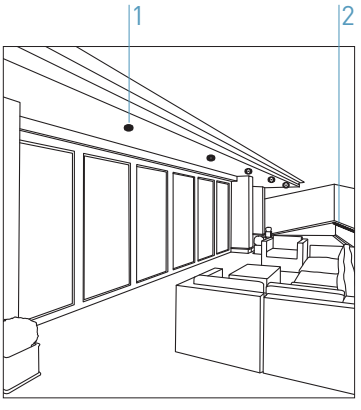
Courtesy of birchhomes.co.uk

Recreate this look:

1. Page 121
GL040

2. Page 177
LSC43

To find out how you can recreate the interior lighting see Page 52.



Kings Head - Spratton

Recreate this look:

1. Page 121

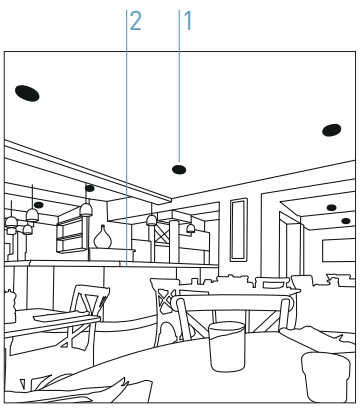
GL040

Add to this look...

Using 2700K LSC43 under the lip of the bar would highlight the brick feature and draw the eye.

2. Page 177

LSC43



Porthminster - Cornwall

Recreate this look:

1. Page 90

H5 500 SYM

Add to this look...

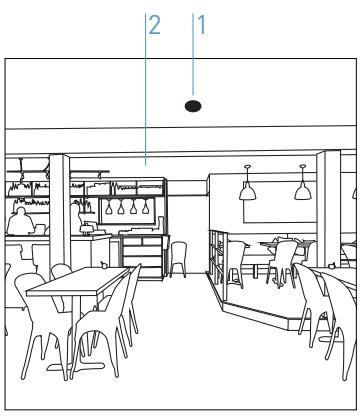
2. Page 110

DM01

2. Page 111

DH02WH

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



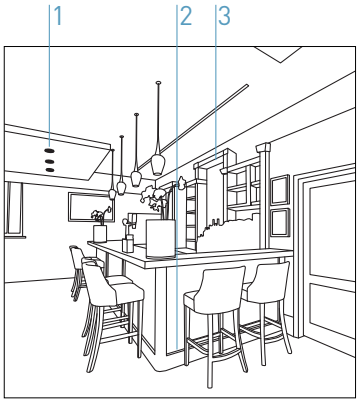
The Halston Aparthotel - Carlisle

Recreate this look:

1. Page 90
H5 500 SYM

2. Page 176
LSC03

3. Page 213
LED LYTE IP



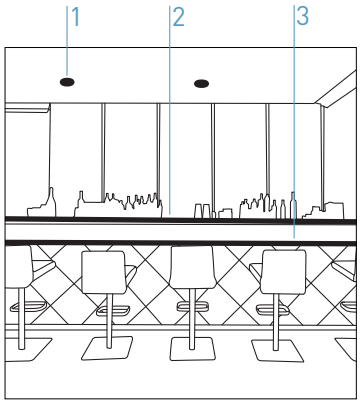
Lourenzos - Dumfermline - Scotland

Recreate this look:

1. Page 89
H5 500 TRIMLESS

2. Page 263
LED5050RGB

3. Page 177
LSC43



Barnett Hill

Recreate this look:

1. Page 90

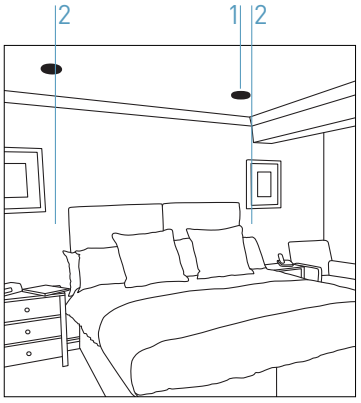
H5 500 SYM

Add to this look...

2. Page 156

MF02 IP

Add a pair of bedside reading lights (MF02) to provide an intermediate layer of light.



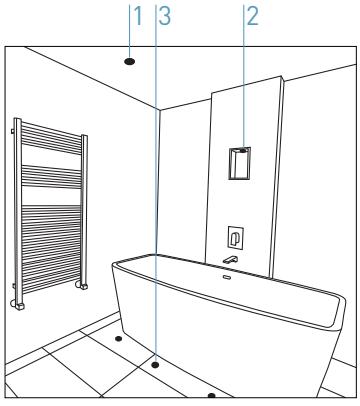
Private Residence

Recreate this look:

1. Page 81
H2 PRO 550 38°

2. Page 213
LED LYTE IP

3. Page 126
GL019 S



The Barn - Suffolk

Recreate this look:

1. Page 81

H2 PRO 550 38°

2. Page 126

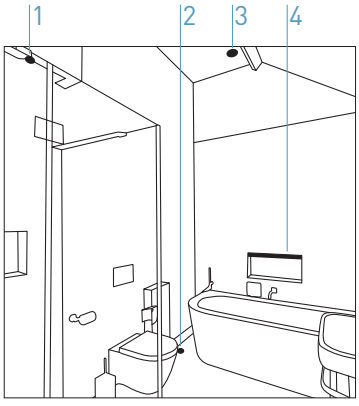
GL019 S

3. Page 90

H5 500 SYM

4. Page 181

LEDSTRIP IP



Private Residence

Recreate this look:

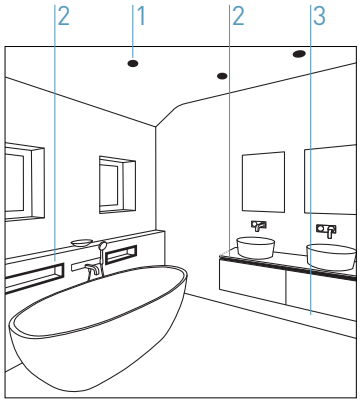
1. Page 81
H2 PRO 550 38°

2. Page 181
LEDSTRIP IP

Add to this look...

3. Page 181
LEDSTRIP IP

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

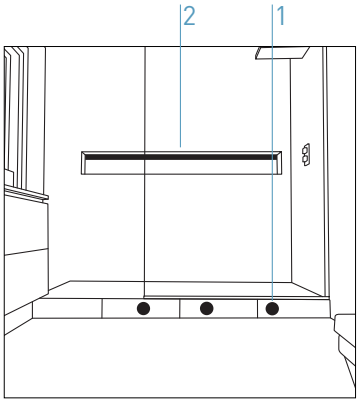


The Elysium

Recreate this look:

1. Page 125
GL021

2. Page 181
LEDSTRIP IP

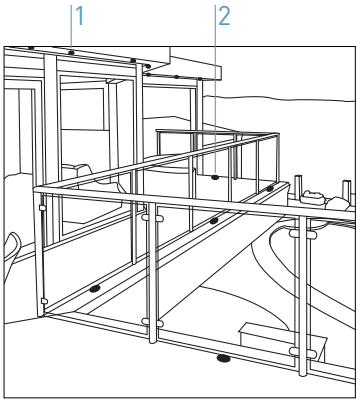


Carbis Bay Hotel - St Ives

Recreate this look:

1. Page 81
H2 PRO 550 38°

2. Page 121
GL040



Private residence

Photo: Lumiere

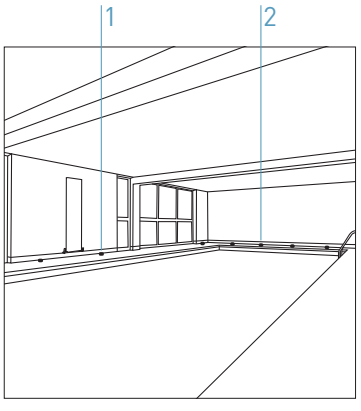
Recreate this look:

1. Page 126

GL019 S

2. Page 248

GL050RGBW



Private residence

Recreate this look:

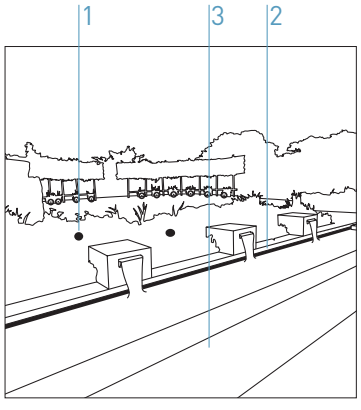
1. Page 222
SL220A

2. Page 181
LEDSTRIP IP

Add to this look...

3. Page 131
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 121

GL040

Add to this look...

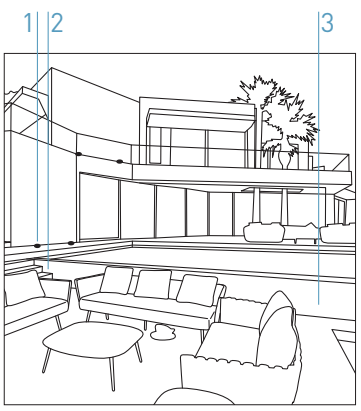
2. Page 123

GL016 F

3. Page 229

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:

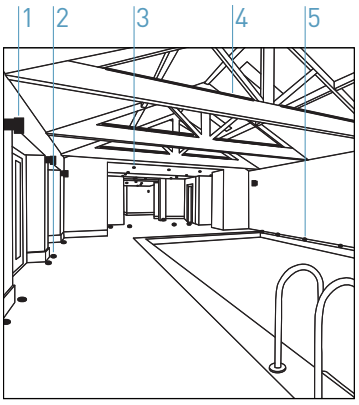
1. Page 142
WL070A

2. Page 121
GL040

3. Page 81
H2 PRO 550 60°

4. Page 177
LSC43

5. Page 123
GL016 F



Private Residence - Brighton

Recreate this look:

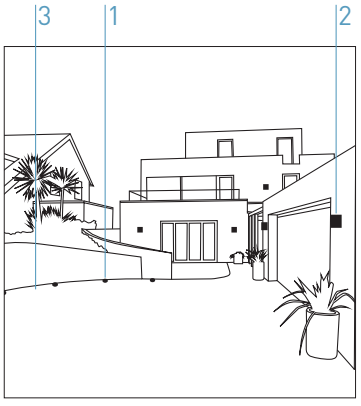
1. Page 126
GL019 S

2. Page 142
WL070A

Add to this look...

3. Page 140
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 121

GL040

2. Page 123

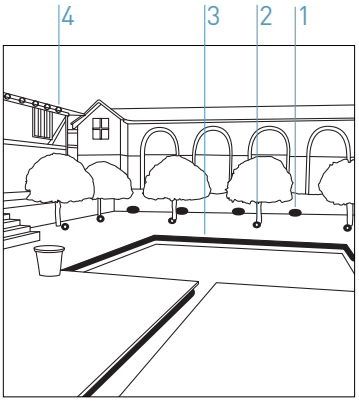
GL016 F

3. Page 181

LEDSTRIP IP

4. Page 126

GL019 S



The Star Inn The City - York

Recreate this look:

1. Page 228

BOL LED 030 MAINS

2. Page 142

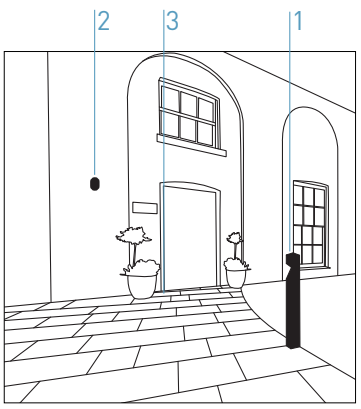
WL170A

Add to this look...

3. Page 119

GL038A

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



Private residence - Northampton

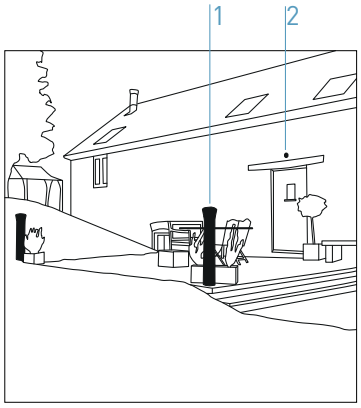
Recreate this look:

1. Page 231

BOL255

2. Page 143

WL075A



Private residence - Halifax

Recreate this look:

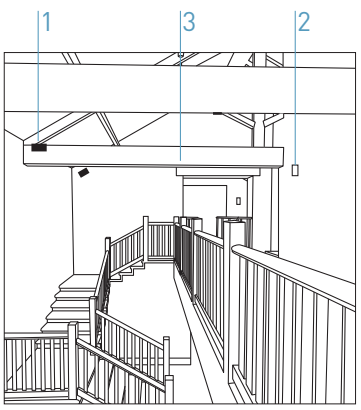
1. Page 200
FL200

2. Page 142
WL170A

Add to this look...

3. Page 176
LSC03

Add LSC03 strip to the tops of the supporting beams to provide up-light to to the space.



Private residence - Halifax

Recreate this look:

1. Page 81
H2 PRO 550 60°

2. Page 126
GL019 S

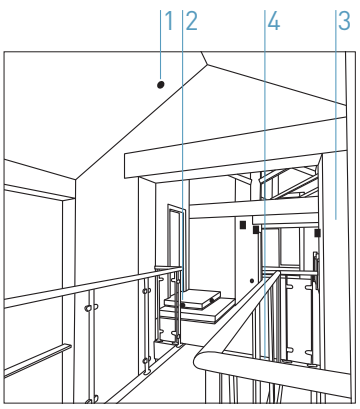
Add to this look...

3. Page 142
WL070A

4. Page 131
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

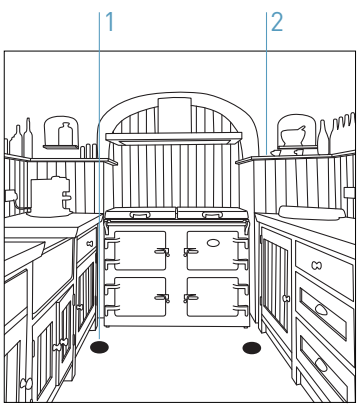
Recreate this look:

1. Page 140

WL340

2. Page 175

LSV43



Private residence

Recreate this look:

1. Page 210

UL030

2. Page 176

LSC03

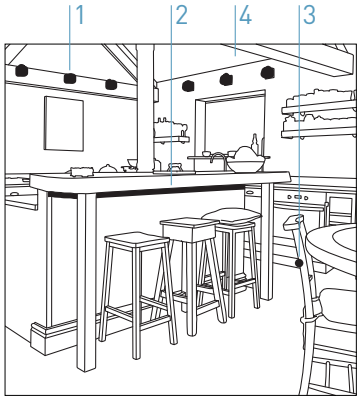
3. Page 158

ML01

4. Page 85

H4 FF 60˚

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



Private Residence

Courtesy of birchhomes.co.uk

Recreate this look:

1. Page 177

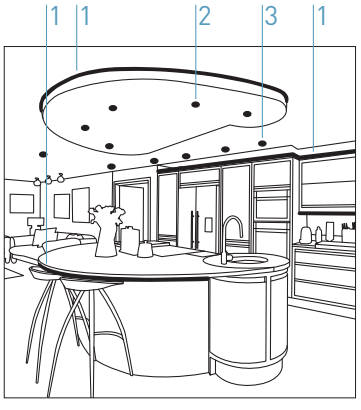
LSC43

2. Page 80

H2 LITE

3. Page 90

H5 500 SYM



Private residence - York

Recreate this look:

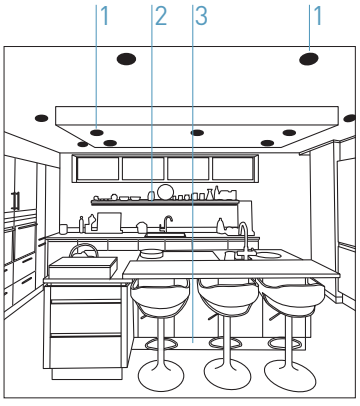
1. Page 90
H5 500 SYM

2. Page 177
LSC43

Add to this look...

3. Page 158
ML01

ML01s set into the kickboards of the island unit would add a low level of light.



Intoto kitchens - Milton Keynes

Recreate this look:

1. Page 81

H2 PRO 550 38°

Add to this look...

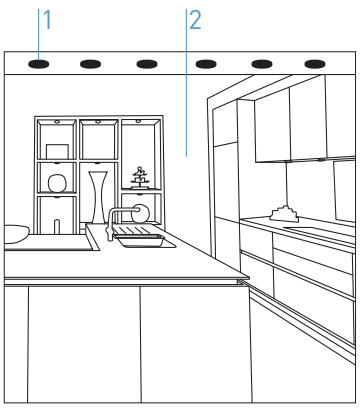
2. Page 142

WL070A

2. Page 154

MC020

Wall mounted up/down lights WL070A or MC020 set either side of built-in display unit would add an intermediate layer of light.

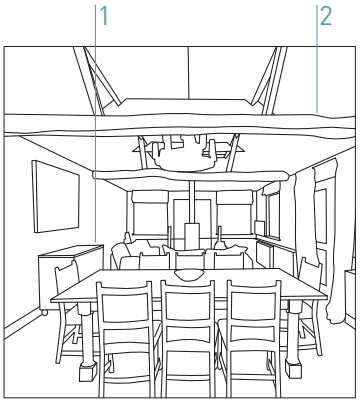


Private residence - The Barn, Suffolk

Recreate this look:

1. Page 126
GL019 S

2. Page 149
WL220A

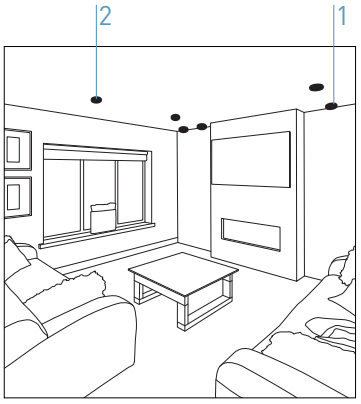


Private Residence

Recreate this look:

1. Page 84
H4FF 38˚

2. Page 85
H4FF 60˚



Private residence

Recreate this look:

1. Page 90

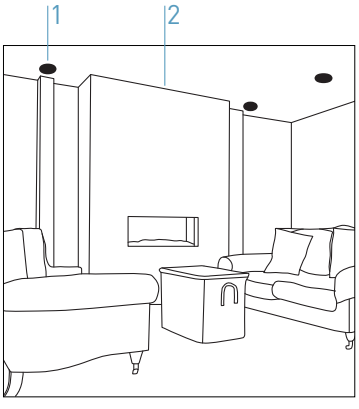
H5 500 SYM

Add to this look...

2. Page 126

GL019 S

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



Private Residence - Brighton

Recreate this look:

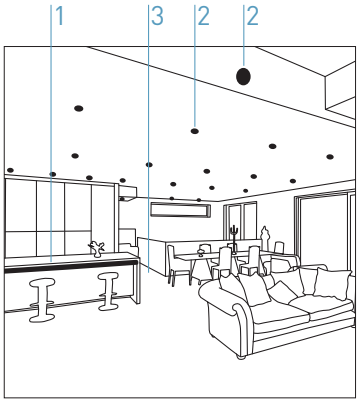
1. Page 263
LED5050RGB

2. Page 85
H4FF 60˚

Add to this look...

3. Page 126
GL019 S

Small GL019 S could be used to light dark corners and placed along the glass banister to provide interest.



Private Residence

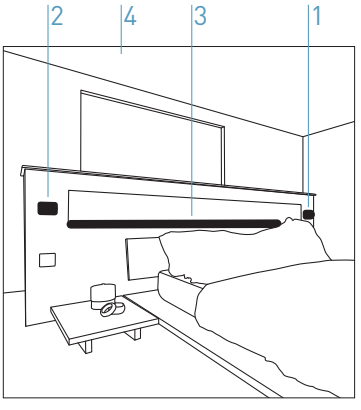
Recreate this look:

1. Page 156
MF02 IP

2. Page 162
WB/M 02

3. Page 176
LSC03

4. Page 80
H2 LITE



The Barn - Suffolk

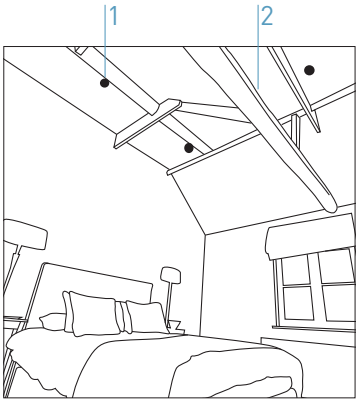
Recreate this look:

1. Page 90

H5 500 SYM

2. Page 176

LSC03



Private Residence

Recreate this look:

1. Page 81

H2 PRO 550

2. Page 122

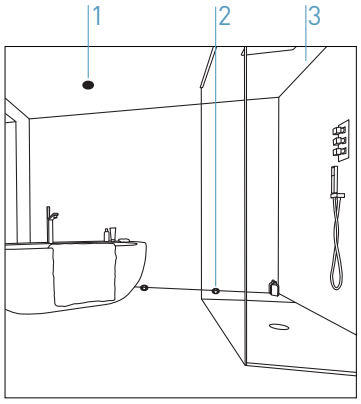
GL050

Add to this look...

3. Page 126

GL019 F

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

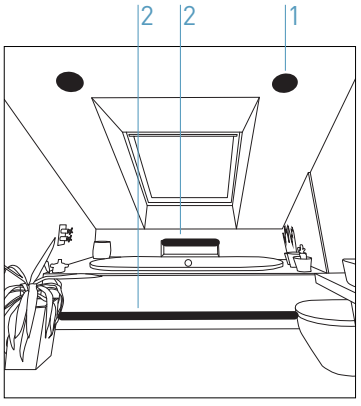


Private residence

Recreate this look:

1. Page 88
H4 EYEBALL

2. Page 181
LEDSTRIP IP



Private Residence

Recreate this look:

1. Page 140

WL340

Private residence

Recreate this look:

1. Page 154
MC020 S

2. Page 211
UL010

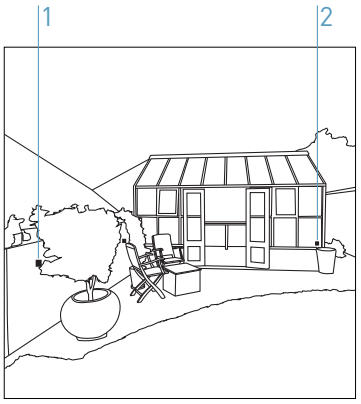


Photo © Janine Pattison Studios

Private residence

Recreate this look:

1. Page 122

GL050

2. Page 210

UL030

3. Page 222

SL220A

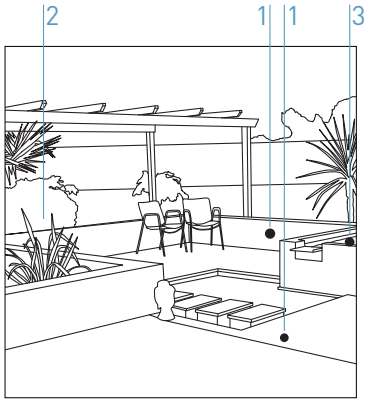


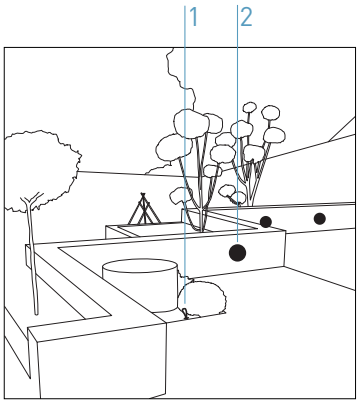
Photo © Janine Pattison Studios

Private residence

Recreate this look:

1. Page 224
SL030

2. Page 121
GL040



The Crypt - Woburn

Recreate this look:

1. Page 176

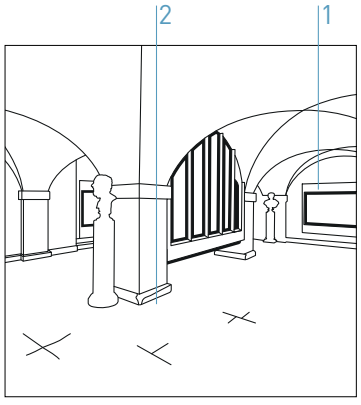
LSC03

Add to this look...

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

2. Page 123

GL016 F

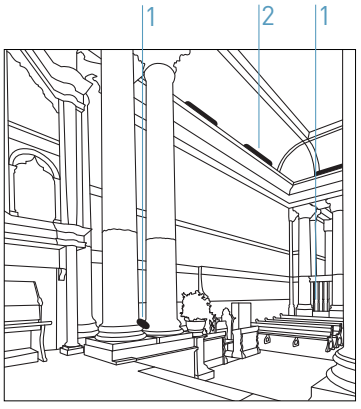


Castle Howard - York

Recreate this look:

1. Page 200
FL200

2. Page 203
LEDLINE 400 45



Castle Howard - York

Recreate this look:

1. Page 203

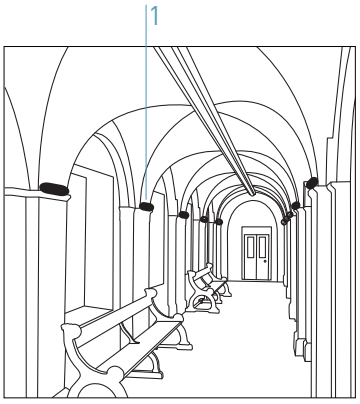
LEDLINE 400 45

Add to this look...

1. Page 206

ULM347M40

For a straight to mains option use LEDLINE MAINS



University - Newcastle

Recreate this look:

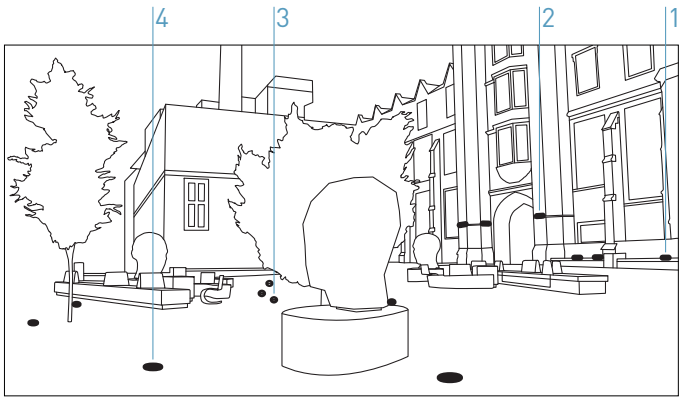
1. Page 203
LEDLINE 400 45

2. Page 205
LEDLINE 400 25X6

3. Page 120
GL090

4. Page 115
GL008A

Photo © Southern Green Ltd



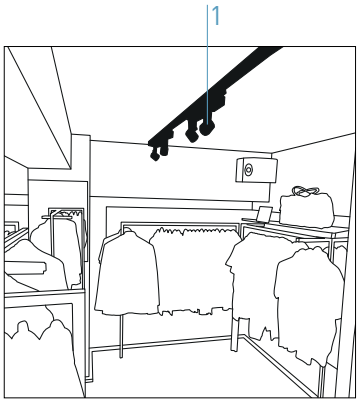
Thackerays - Northampton

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 189

TMWH2030



Carbis Bay - Cornwall

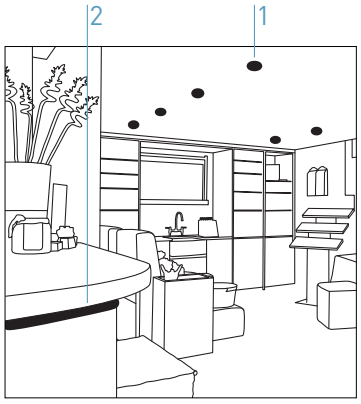
Recreate this look:

1. Page 89

H5 500 TRIMLESS

2. Page 176

LSC03



Asha's Inspired Living - Oundle

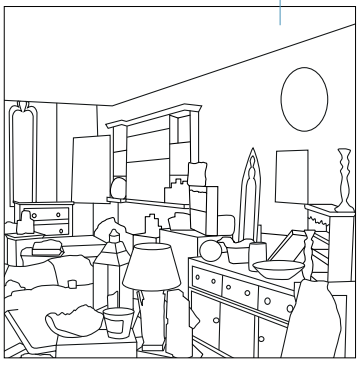
Recreate this look:

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 190

TSWH5030

1



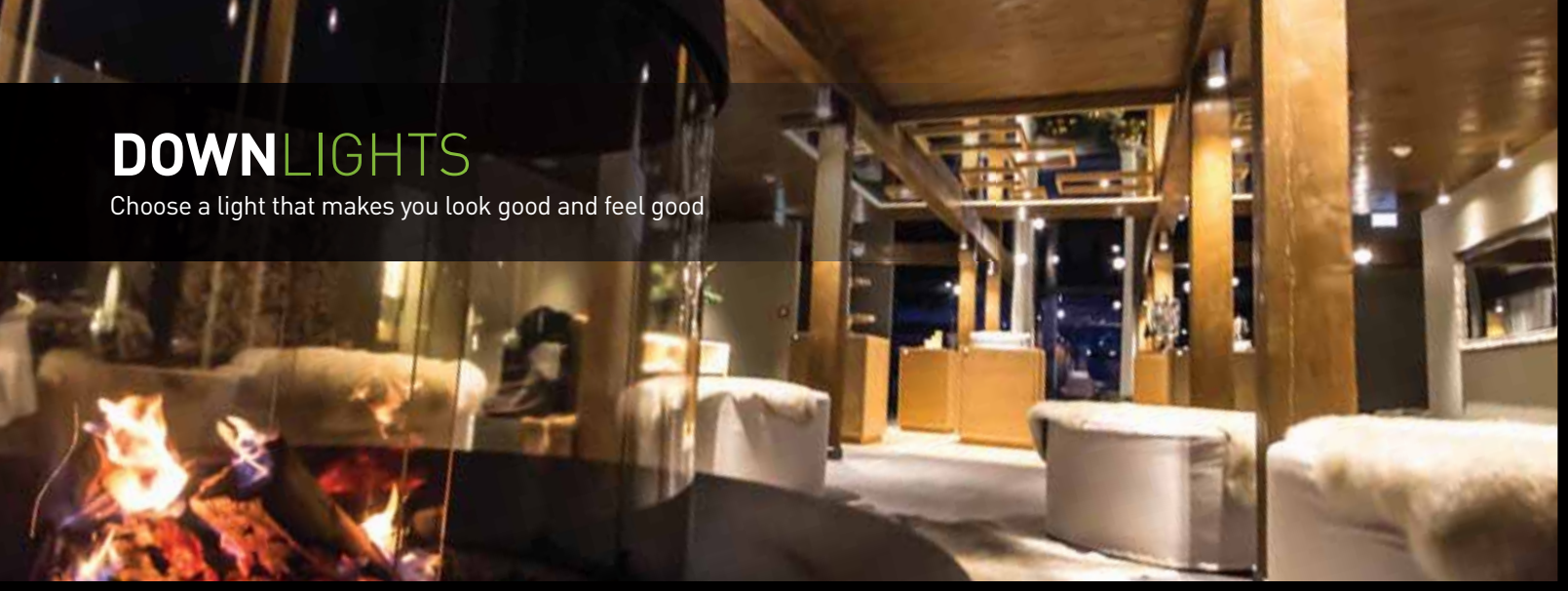
Asha's Attire - Oundle

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 189
TMWH7030

2. Page 190
TSWH5030



DOWNLIGHTS

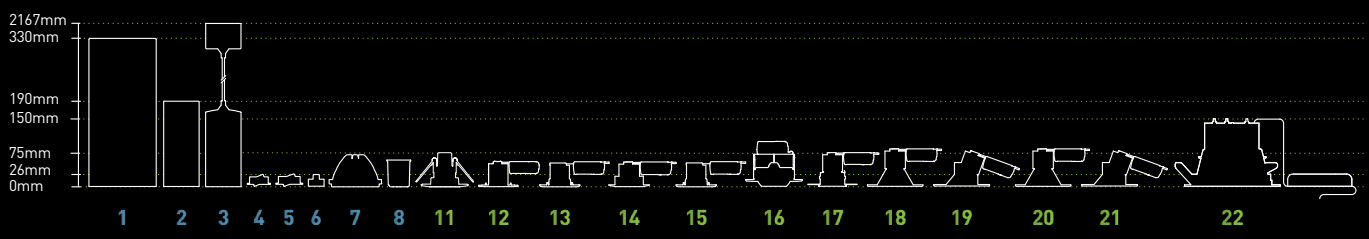
Choose a light that makes you look good and feel good

PRODUCT COMPARISON

	H2 Lite	H2 Pro 550	H2 Pro 700	H4 FF	H4 Pro 700 T	H4 Eyeball	H5 500 Trimless	H5 500 Sym	H5 500 Asym	H5 1000 Sym
	Page **80**	Page **81**	Page **82**	Page **84**	Page **86**	Page **88**	Page **89**	Page **90**	Page **91**	Page **92**
Single source	●	○	●	○	●	○	○	○	○	○
Dimmable	●	●	●	●	●	●	●	●	●	●
Fire-rated	●	●	●	●	●	●	●	●	●	●
LED colour options	●	●	●	●	●	●	●	●	●	●
Beam angle options	○	●	●	●	●	○	○	○	○	○
Bezel finish options	●	●	●	●	●	●	○	●	●	●
IP65 rated	●	●	●	●	●	●	●	●	●	●
Tilt angle 20˚	○	○	○	●	●	●	○	○	●	○
Recessed	●	●	●	●	●	●	●	●	●	●
Low glare	○	○	○	○	○	○	●	●	●	●
Terminal connector available	○	T	T	T	T	T	●	T	T	T
Emergency packs available	○	●	●	●	●	●	●	●	●	●
Terminal & Emergency pack option available	○	●	●	●	●	●	○	●	●	○
Extended warranty	●	●	●	●	●	●	●	●	●	●

SIZE COMPARISON

1. DL201 Page 101
2. DL Surface Page 102
3. DL Pendant Page 103
4. DL120 Page 105
5. DL130 Page 105
6. Fibre LED Light Page 106
7. RL111 Page 108
8. DM01 Page 110
11. H2 Lite Page 80
12. H2 Pro 550 / 550 T Page 81
13. H2 Pro 700 / 700 T Page 82
14. H4 FF 38° / 60° Page 84
15. H4 Pro 700 T Page 86
16. H4 Eyeball Page 88
17. H5 500 Trimless Page 89
18. H5 500 Symmetric Page 90
19. H5 500 Asymmetric Page 91
20. H5 1000 Symmetric Page 92
21. H5 1000 Asymmetric Page 93
22. H6ND / H6DIM Page 94 - 95



H5 1000 Asym	H6ND	H6DIM	DL201	DL Surface	DL Pendant	DL120	DL130	Fibre LED Light	RL111	DM01
Page **93**	Page **94**	Page **95**	Page **101**	Page **102**	Page **103**	Page **105**	Page **105**	Page **106**	Page **108**	Page **110**
○	○	○	○	○	○	●	●	○	●	●
●	○	●	○	●	●	●*	●*	●*	●*	●*
●	○	○	○	○	○	○	○	○	○	○
●	●	●	●	●	●	●	●	○	●	●
○	○	○	●	○	○	○	○	○	●	○
●	○	○	○	○	○	○	○	○	○†	○†
●	○	○	●	○	○	○	○	○	○†	○†
●	○	○	○	○	○	●	●	○	○†	○†
●	●	●	○	○	○	●	●	●	○†	○†
●	●	●	●	●	●	○	○	○	●	●
T	●	●	●	○	○	○	○	○	○	○
●	●	●	○	○	○	○	○	○	○	○
○	○	○	○	○	○	○	○	○	○	○
●	●	●	●	●	●	○	○	●	●	●

* Driver dependant | † Housing dependant

DOWNLIGHTS

Choose a light that makes you look good and feel good

TERMINAL CONNECTOR OPTION T

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 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 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.

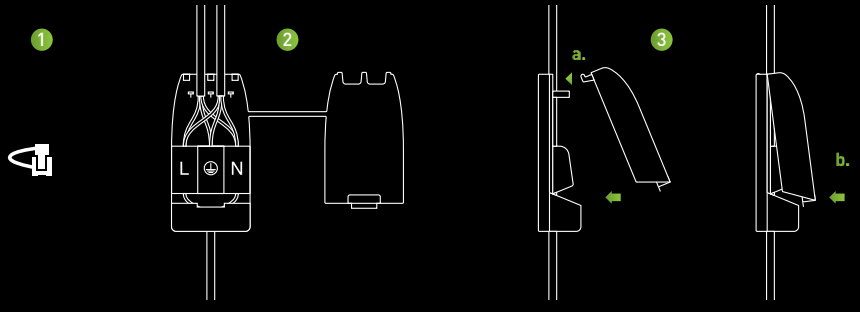
SAVE TIME AND MONEY

As wiring it only takes a matter of seconds, our Terminal Connector can save you time and money. 'T' versions are available with the H2 Pro 550, H2 Pro 700, H4 Pro 700, H4 FF, H4 Eyeball, H5 500 and H5 1000 downlights. Just look for the T logo.

3 SIMPLE STEPS...

to quick and secure installation

1. Fold the cord grip adapter back on itself and sit in recess
2. Align the wires and push into place
3. **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

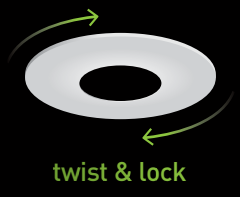


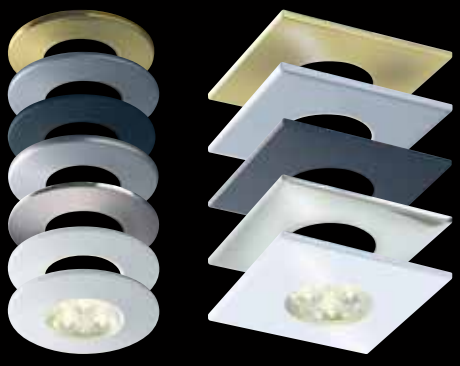
SLIMMER, SMARTER BEZELS

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.

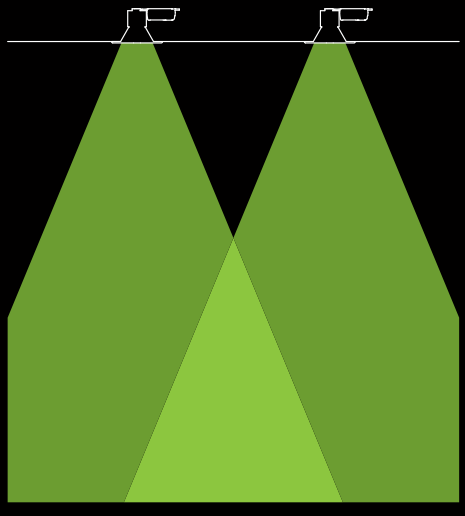
Choose from seven round bezels and five square available in matt white, gloss white (round only), matt black, silver, chrome, brushed steel (round only) & polished Gold. The matt white & matt black option can also be painted with a wide range of household emulsions.





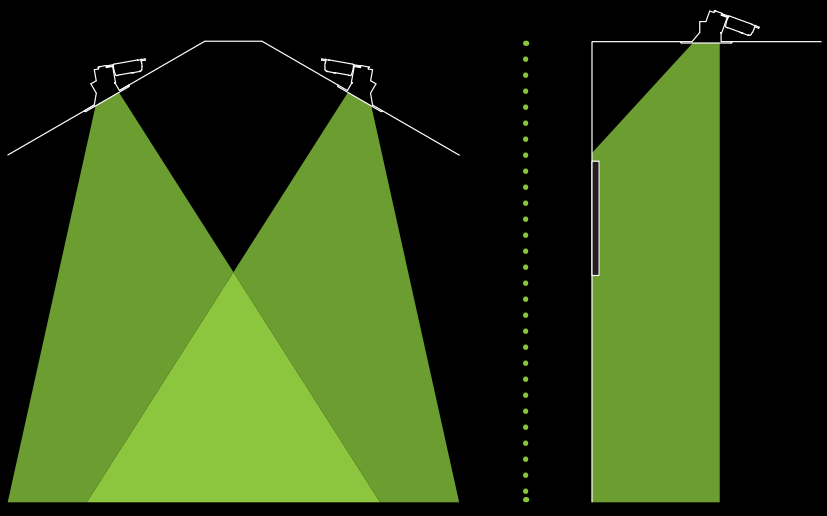
SYMMETRIC vs ASYMMETRIC

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/user/collingwoodlighting** or call **01604 495 151**

COLLINGWOOD
LIGHTING

004-0038

H2 Lite

Flicker-free, dimmable, fire-rated, LED downlight complete with bezel

IP65* Suitable for use in bathrooms

FLICKER FREE Flicker-free

4 year extended warranty available

55° | 5.8W | 240V | Ø55-75 | 47°C | ½40°C | DIM | INTEGRAL DRIVER | 210g | 1† | 40,000h | 3SDCM

* IP65 (front) / IP20 (back) | † Ceiling only

ZONE | L70

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	CRI	lm	lm/W	lx at 1m
4000K	55°	B / steel	DL388BS5540	>80Ra	430	74	500
	55°	Matt white	DL388MW5540	>80Ra	430	74	500
3000K	55°	B / steel	DL388BS5530	>80Ra	405	70	480
	55°	Matt white	DL388MW5530	>80Ra	405	70	480

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
Flicker %	5% at 100% brightness
Inrush current	1A 0.5ms
Maximum ceiling thickness	40mm

WIRING

Cable/flying lead	0.2m (Class II)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

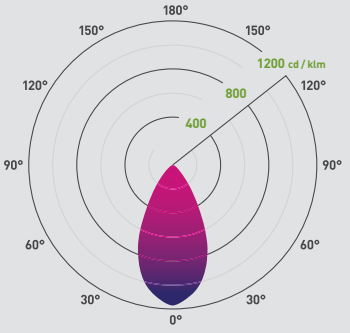
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.88	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT70	Converter plate	96
DM298GRID	Mains grid dimmer	97
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

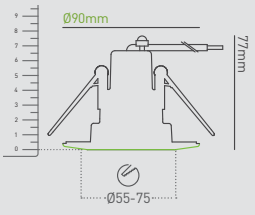
FEATURES & BENEFITS

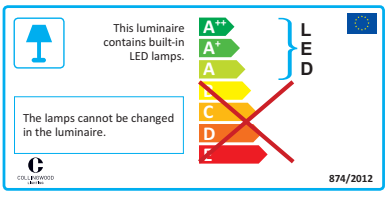
- Uses latest single source technology to replicate traditional halogen look
- Mains dimmable as standard
- Compact integral driver for easy installation
- 4 year extended warranty available
- LED downlight complete with bezel for a straightforward fit



4000K 55°

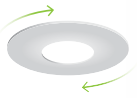
Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

H2 Pro 550 T shown



twist & lock

004-0019

H2 Pro 550 | H2 Pro 550 T

Dimmable, fire-rated LED downlight

LUXREVIEW.COM

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 | 60° · 8.5W · 240V · 860-70 · 40°C · ½ 40°C · DIM · 300g · 1‡ ZONE · 70,000h L70, B10 · 3SDCM

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

PHOTOMETRICS @ 25°C

Colour		Product code	Product code	CRI	lm	lm/W	lx at 1m
4000K	38°	DL35638NW	DLT35638NW	>80Ra	580	68	1700
	60°	DL35660NW	DLT35660NW	>80Ra	580	68	430
3000K	38°	DL35638WW	DLT35638WW	>80Ra	550	65	1500
	60°	DL35660WW	DLT35660WW	>80Ra	550	65	380
2700K	60°	DL3566027	-	>80Ra	480	56	300

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. DL35638NW becomes DL35638NW**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 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

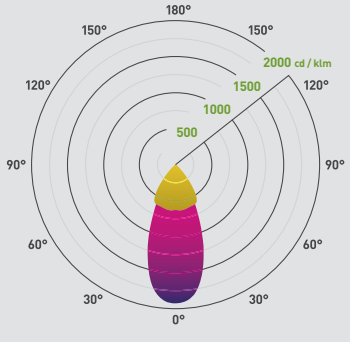
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
H2 Pro range bezels	Round & square H2 Pro bezel options	83
DLCONVERT70	Converter plate	96
DM298GRID	Mains grid dimmer	97
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

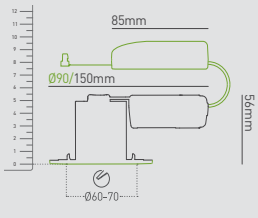
FEATURES & BENEFITS

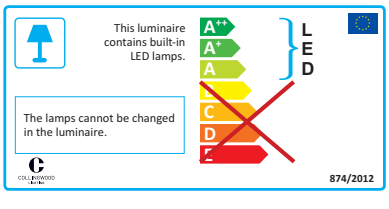
- Only 8.5W
- Life of LED: 70,000hrs (L70, B10)
- Slimline twist & lock bezels (sold separately) 83
- Flexible driver position for easy installation



4000K 38° / **4000K 60°**

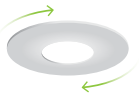
Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

H2 Pro 700 T shown



twist & lock

004-0031

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

7 year extended warranty available

38 | 55° · 11W · 240V · Ø60-70 · 60°C · ½ 35°C · DIM · 270g · 1† · 70,000h

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

ZONE · L70, B10 · 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

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 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

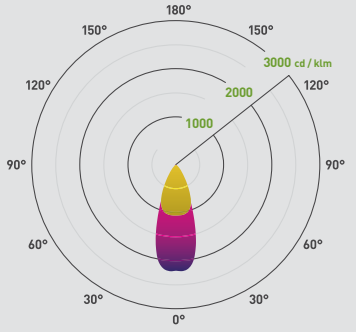
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	50mA	>0.92	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
H2 Pro range bezels	Round & square H2 Pro bezel options	83
DLCONVERT70	Converter plate	96
DM298GRID	Mains grid dimmer	97
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

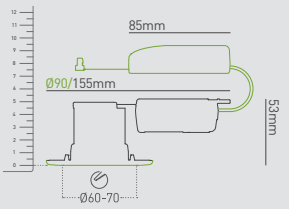
FEATURES & BENEFITS

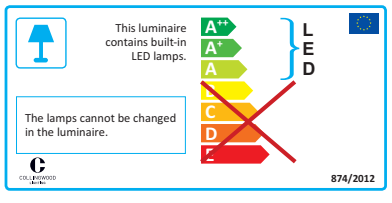
- Uses latest single source technology to replicate traditional halogen look
- 55° beam angle option offers superior vertical illumination and allows for larger spacing between downlights
- Increased lumens for greater light output
- Low profile of only 53mm
- Loop in / loop out push-fit connector available
- Slimline twist & lock bezels (sold separately) 83
- Flexible driver position for easy installation



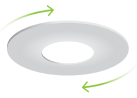
4000K 38° / **4000K 55°**

Additional diagrams available at **collingwoodlighting.com**

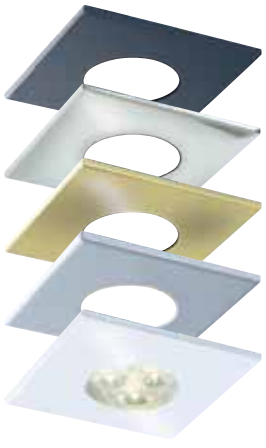




COLLINGWOOD
LIGHTING



twist & lock



H2 Pro bezels

Bezel options for H2 Pro 550 / 700 range

Covered as part of the
H2 Pro 550 / 700 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

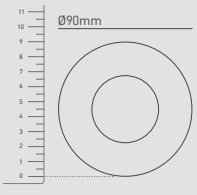
GENERAL

Construction material	Plastic

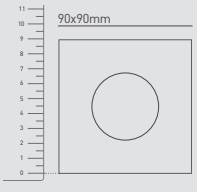
FEATURES & BENEFITS

- 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

Round Bezel



Square Bezel



COLLINGWOOD LIGHTING

H4 FF 38°

Adjustable 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

7 year extended warranty available

38° | 8.5W | 240V | 20° | Ø68-80 | 40°C | ½40°C | DIM | 300g | 1† | 70,000h | 3SDCM

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

ZONE | L70, B10

PHOTOMETRICS @ 25°C

Colour		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	-	H4TFF38WHWWDIM	>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 H4FF38BSNW**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/flying lead	0.15m (Class II)
Cable required for 'T' Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

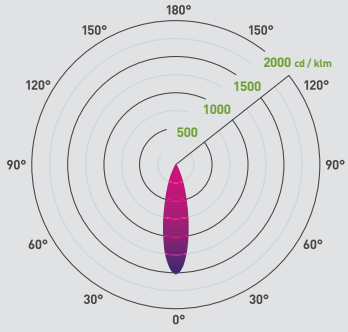
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT70	Converter plate	96
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

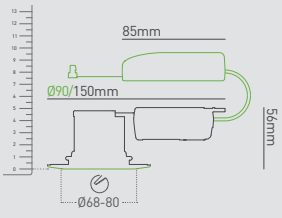
FEATURES & BENEFITS

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



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

COLLINGWOOD
LIGHTING

H4 FF 60°

Adjustable 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

7 year extended warranty available

60° | 8.5W | 240V | 20°↓ | Ø68-80 | 40°C | ½40°C | DIM | 300g | 1† | 70,000h | 3SDCM

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

ZONE | L70, B10

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	T 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 H4FF60BSNW**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/flying lead	0.15m (Class II)
Cable required for 'T' Connector	Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

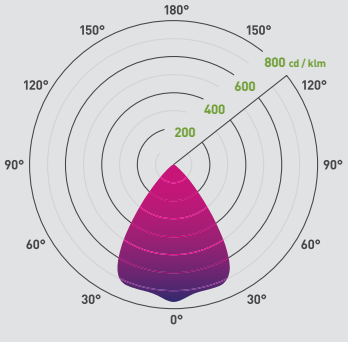
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT70	Converter plate	96
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

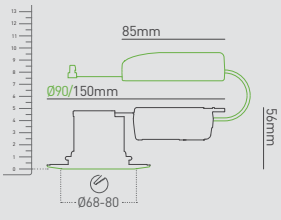
FEATURES & BENEFITS

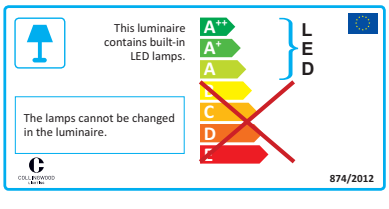
- Only 8.5W
- Life of LED: 70,000hrs (L70, B10)
- Flexible driver position for easy installation



4000K 60°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

004-0031

H4 Pro 700 T 38°

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

7 year extended warranty available

38° | 11W | 240V | 20° | Ø68-80 | 60°C | 35°C | DIM | 270g | 1† | 70,000h | 3SDCM

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

ZONE | L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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 2x1.5mm²) or 3 Core Cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

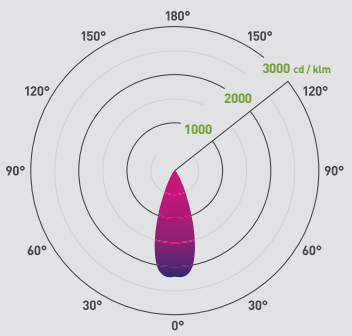
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.92	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT70	Converter plate	96

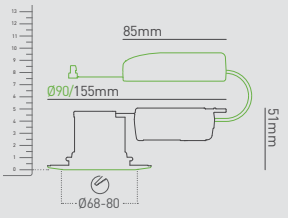
FEATURES & BENEFITS

- 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



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

COLLINGWOOD
LIGHTING

004-0031

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° | Ø68-80 | 60°C | ½35°C | DIM | 270g | 1† | 70,000h

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

ZONE | L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

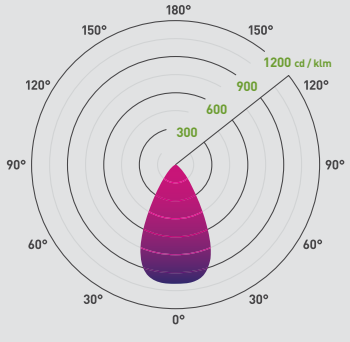
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.92	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT70	Converter plate	96

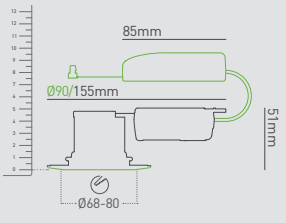
FEATURES & BENEFITS

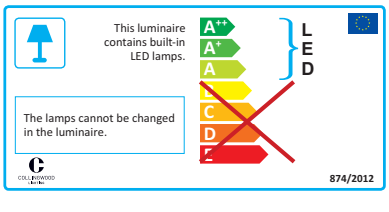
- Uses latest single source technology to replicate traditional halogen look
- 55° beam angle option offers superior vertical illumination and allows for larger spacing between downlights
- Increased lumens for greater light output
- Loop in / loop out push-fit connector
- Low profile of only 51mm
-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



4000K 55°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

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

7 year extended warranty available

38° | 8.5W | 240V | 20°↓ | 360° | Ø100-110 | 40°C | ½40°C | DIM | 660g | 1* | 70,000h | 3SDCM

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

ZONE | L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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 DL185BSNW**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 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

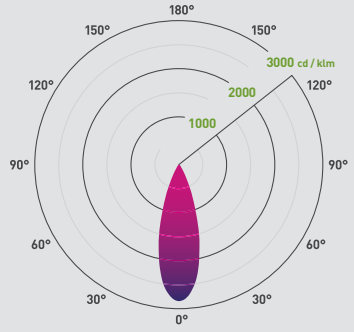
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT98	Converter plate	96
DM298GRID	Mains grid dimmer	97

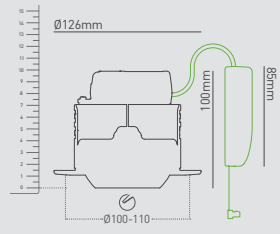
FEATURES & BENEFITS

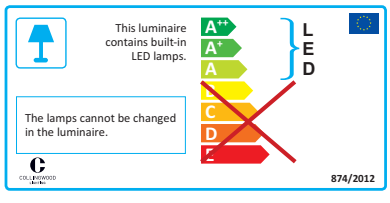
- Only 8.5W
- Life of LED: 70,000hrs (L70, B10)
- Fully adjustable 'Eyeball' fitting allows change of light direction



4000K 38°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

H5 500 Trimless

Fire-rated, plaster in, trimless LED downlight

IP65* Suitable for use in bathrooms

EM Emergency versions available

FLICKER FREE Flicker-free

7 year extended warranty available

38° | 8.5W | 240V | Ø64 | 40°C | ½40°C | DIM | 300g | 1‡ | 70,000h | 3SDCM

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

ZONE | L70, B10

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	38°	DL282WHNWDIM	>80Ra	565	66	1700
3000K	38°	DL282WHWWDIM	>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. DL282WHNWDIM becomes DL282WHNW**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, complete with GST connector)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

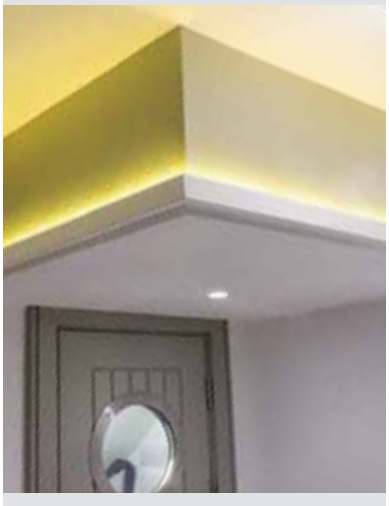
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

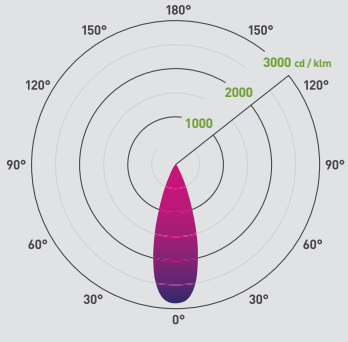
ACCESSORIES

Product code	Description
DM298GRID	Mains grid dimmer

FEATURES & BENEFITS

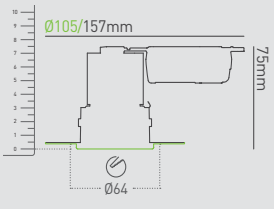
- Product supplied with pre-wired Terminal Connector
- 2 part installation for first and second fix
- Flexible driver position for easy installation
- Plastered in, low glare, discreet fitting

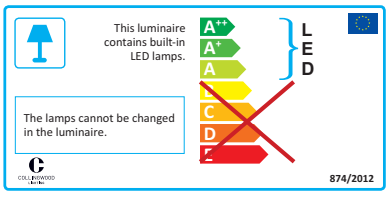




4000K 38°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

H5 500 Symmetric

Low glare 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

7 year extended warranty available

40° | 8.5W | 240V | Ø95-115 | 40°C | ↳40°C | DIM | 480g | 1† ZONE | 70,000h L70, B10 | 3SDCM

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

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	Product code	CRI	lm	lm/W	lx at 1m
4000K	40°	B / steel	DL284BSNWDIM	DLT284BSNWDIM	>80Ra	565	66	1600
	40°	Chrome	DL284CRNWDIM‡	DLT284CRNWDIM‡	>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

‡ While 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. DL284BSNWDIM becomes DL284BSNW**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 2x1.5mm²) or 3 Core Cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

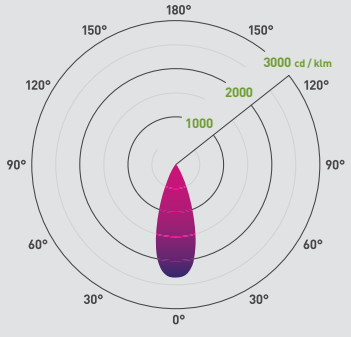
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT98	Converter plate	96
DM298GRID	Mains grid dimmer	97
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

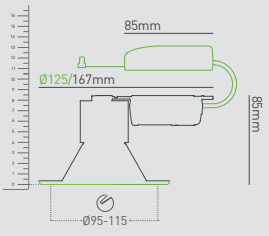
FEATURES & BENEFITS

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



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

COLLINGWOOD
LIGHTING

H5 500 Asymmetric

Low glare 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

7 year extended warranty available

40° | 8.5W | 240V | Ø95-115 | 40°C | ½40°C | DIM | 460g | 1‡ | 70,000h | 3SDCM

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

ZONE | L70, B10

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	T 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

‡ While 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 DL283BSNW**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 2x1.5mm²) or 3 Core Cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

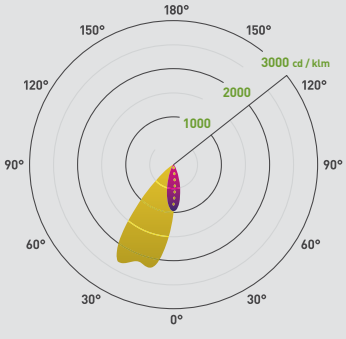
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT98	Converter plate	96
DM298GRID	Mains grid dimmer	97
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

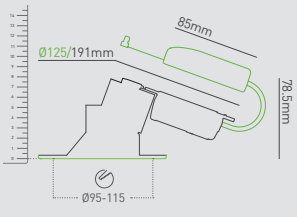
FEATURES & BENEFITS

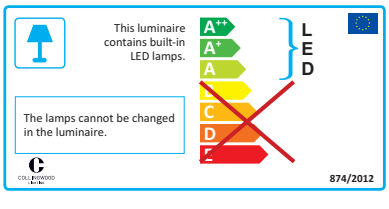
- Low glare
- Only 8.5W
- 20˚ fixed tilt
- Life of LED: 70,000hrs (L70, B10)
- Flexible driver position for easy installation



4000K C0/C180 / **4000K C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

H5 1000 Symmetric

Low glare fire-rated LED downlight

IP65* Suitable for use in bathrooms

T Loop in / out push-fit connector available

FLICKER FREE Flicker-free

7 year extended warranty available

80° | 16W | 240V | Ø95-115 | 40°C | ↳40°C | DIM | 300g | 1† | 70,000h | 3SDCM

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

ZONE | L70, B10

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	Product code	CRI	lm	lm/W	lx at 1m
4000K	80°	B / steel	DL292BSNWDIM	DLT292BSNWDIM	>80Ra	980	61	1030
	80°	Gloss white	DL292WHNWDIM	DLT292WHNWDIM	>80Ra	980	61	1030
3000K	80°	B / steel	DL292BSWWDIM	DLT292BSWWDIM	>80Ra	960	60	970
	80°	Gloss white	DL292WHWWDIM	DLT292WHWWDIM	>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 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

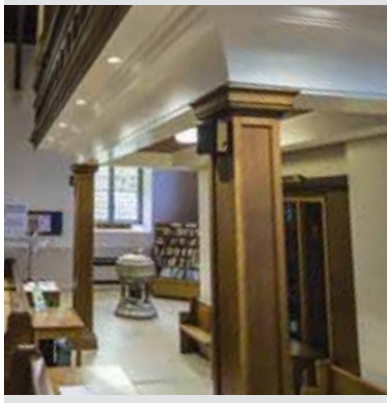
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

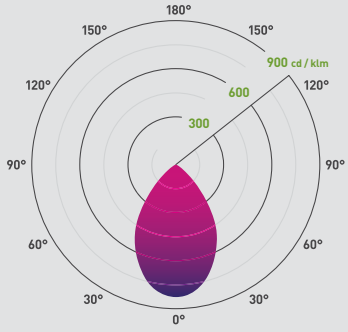
ACCESSORIES

Product code	Description	
DLCONVERT98	Converter plate	96
DM298GRID	Mains grid dimmer	97
LEDEP360	3hr emergency pack (not compatible with 'T' version)	100
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

FEATURES & BENEFITS

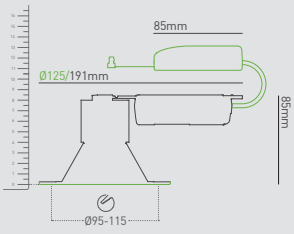
- Low glare
- Only 16W
- Life of LED: 70,000hrs (L70, B10)
- Flexible driver position for easy installation
- Brighter than a 75W AR111 halogen and 50W halogen. Ideal for high ceilings
- Wide beam for even illumination. Allows for greater spacing between luminaires

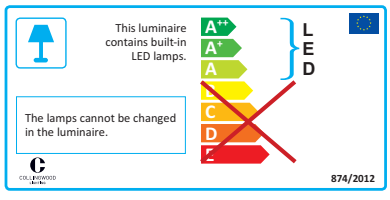




4000K 80°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

H5 1000 Asymmetric

Low glare fire-rated LED downlight

IP65* Suitable for use in bathrooms

T Loop in / out push-fit connector available

FLICKER FREE Flicker-free

7 year extended warranty available

80° | 16W | 240V | Ø95-115 | 40°C | ½40°C | DIM | 300g | 1* | 70,000h | 3SDCM

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

ZONE 1 | L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	T Product code	CRI	lm	lm/W	lx at 1m
4000K	80°	B / Steel	DL291BSNWDIM	DLT291BSNWDIM	>80Ra	980	61	870
	80°	Gloss white	DL291WHNWDIM	DLT291WHNWDIM	>80Ra	980	61	870
3000K	80°	B / Steel	DL291BSWWDIM	DLT291BSWWDIM	>80Ra	960	60	800
	80°	Gloss white	DL291WHWWDIM	DLT291WHWWDIM	>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 2x1.5mm²) or 3 core cable (R02V 3x1.5mm²)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

LED DRIVERS

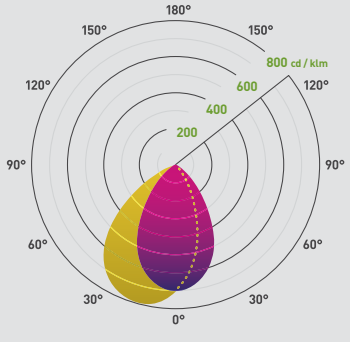
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (mains)	1 (ceiling only)

ACCESSORIES

Product code	Description	
DLCONVERT98	Converter plate	96
DM298GRID	Mains grid dimmer	97
LEDEP360	3hr emergency pack (not compatible with 'T' version)	100
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights	97

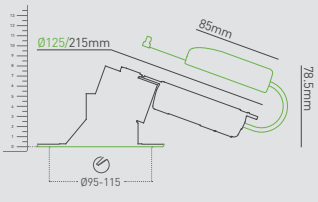
FEATURES & BENEFITS

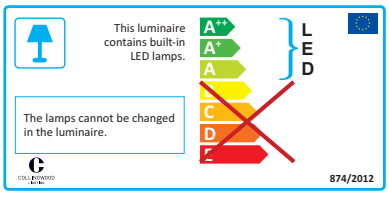
- Low glare
- Only 16W
- 20˚ fixed tilt
- Life of LED: 70,000hrs (L70, B10)
- Flexible driver position for easy installation
- Brighter than a 75W AR111 halogen and 50W halogen. Ideal for high ceilings
- Wide beam for even illumination. Allows for greater spacing between luminaires



4000K C0/C180 / **4000K C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

H6ND

Non-dimmable commercial LED downlight

IP44 Splashproof

FLICKER FREE Flicker-free

7 year extended warranty available

80° | 34W | 240V | Ø160-190 | 40°C | ↳40°C | 1.1kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	CRI	lm	lm/W	lx at 1m
4000K	80°	White	H6NDNW	>80Ra	2300	67	1860
3000K	80°	White	H6NDWW	>80Ra	2100	62	1705

GENERAL

Building regulations	P (electrical safety) & L (conservation of energy)
Construction material	Aluminium
Flicker Index / Flicker %	0.0024 / 0.33%
Inrush current	45A 0.02ms
Maximum ceiling thickness	7mm (min) - 25mm (max)

WIRING

Cable/flying lead	0.17m (Class II, complete with GST connector)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz*
	*40% light at 110V DC - 100% at 160V DC

LED DRIVERS

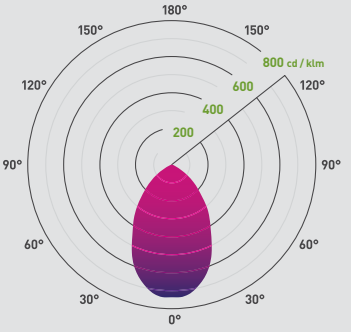
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	-	-

ACCESSORIES

Product code	Description	
DLCONVERT160	Converter plate	96
LEDEP05	3 hour maintained through hole emergency pack	98

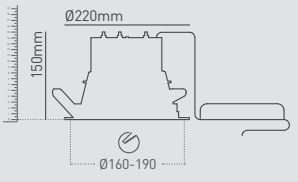
FEATURES & BENEFITS

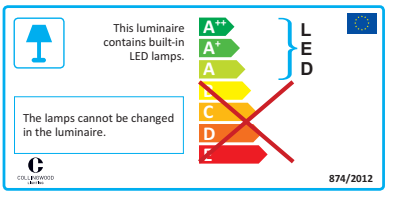
- Low glare
- Replaces 2x 26W CFL fitting
- High powered, equivalent to 100W AR111



4000K 80°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

H6DIM

Dimmable commercial LED downlight

IP44 Splashproof

FLICKER FREE Flicker-free

7 year extended warranty available

80° | 34W (700mA) | 240V | Ø160-190 | 40°C | ½40°C | DIM | 1.1kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		Product code	mA	W	CRI	lm	lm/W	lx at 1m
4000K	80°	H6DIMNW	700	34	>80Ra	2300	67	1860
	80°	H6DIMNW	500	25	>80Ra	1850	74	1311
	80°	H6DIMNW	350	17	>80Ra	1300	76	954
3000K	80°	H6DIMWW	700	34	>80Ra	2100	62	1705
	80°	H6DIMWW	500	25	>80Ra	1650	66	1294
	80°	H6DIMWW	350	17	>80Ra	1100	64	900

GENERAL

Building regulations	P (electrical safety) & L (conservation of energy)
Construction material	Aluminium
Flicker Index / Flicker %	0.0024 / 0.33%
Inrush current	20A 0.4ms
Maximum ceiling thickness	7mm (min) - 25mm (max)

WIRING

Cable/flying lead	0.17m (Class II, complete with GST connector)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz*

*40% light at 110V DC - 100% at 160V DC

LED DRIVERS

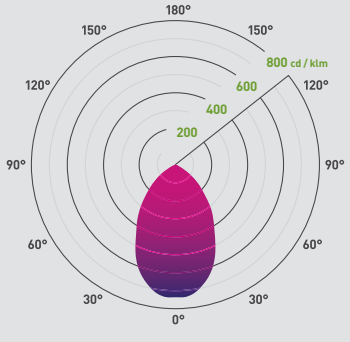
Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone
N/A (integrated SELV driver)	220-240V	-	>0.95	Yes (1-10V, DALI)	-

ACCESSORIES

Product code	Description	
DLCONVERT160	Converter plate	96
LEDEP05	3 hour maintained through hole emergency pack	98
SYNCCABLE4M	Sync cable, 4m length	97
PDC/GRID DIMMER	1-10V grid dimmer kit for multiple fitting types	282

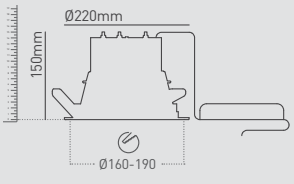
FEATURES & BENEFITS

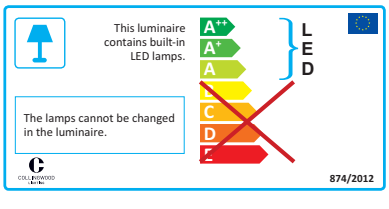
- Low glare
- Replaces 1x 18W, 2x 18W & 2x 26W CFL fitting
- High powered, equivalent to 100W AR111
- 1-10V & DALI dimmable



4000K 80°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

DL/CONVERT | DLCONVERT70
H2 Pro / H4 sold separately

DLCONVERT98
H5 550 / H5 1000 / H4 Eyeball sold separately

DLCONVERT160
H6ND / H6DIM sold separately

DLCONVERT

Hole converter plates for the downlight range

1yr 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
	DLCONVERT160WH	Retrofit of H6ND / H6DIM into holes up to Ø250mm	160 - 250
Matt white	DLCONVERT70MW	Retrofit of H2 Pro / H4 FF / H4 Pro / H2 Lite into holes up to Ø150mm	70 -150

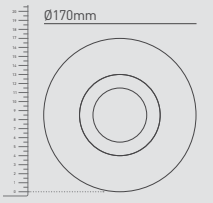
GENERAL

Construction material	Mild steel

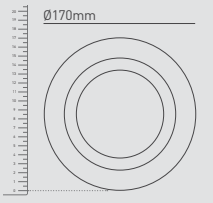
FEATURES & BENEFITS

- DL/CONVERT, DLCONVERT 70 and DLCONVERT98 are supplied with additional springs for holes up to 150mm
- DLCONVERT160WH is complete with fixtures and fittings

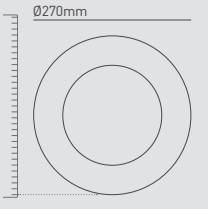
DL/CONVERT | DLCONVERT70



DLCONVERT98



DLCONVERT160



COLLINGWOOD
LIGHTING

SYNC CABLE 4M

Sync cable, 4m length

Product Code	SYNC CABLE 4M
Construction material	Copper cable, rubber outer
Series / Parallel	Parallel (Plug & Play)
Guarantee	1 year

USE IN CONJUNCTION WITH	
H6DIM	95
PSDAL900M	278
PSDIM350 / 700 / 900	276
PLD UNI-DRIVE 350 / 700	276

- 4m lengths for flexible distance between fittings
- Sync up to 10x H6DIM or compatible drivers when using a DALI or 1-10V system
- Plug & Play for easy installation

SPOTCLIP-III

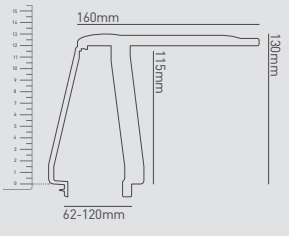
Insulation cover cap for recessed downlights

Ø62-120 | 27g

Product Code	14800121
Construction material	Polyamide 6.6, heat stabilised (PA66HS)
Guarantee	1 year

USE IN CONJUNCTION WITH	
H2 Lite	80
H2 Pro 550 (T)	81
H2 Pro 700 (T)	82
H4 FF (T)	84
H4 Pro 700 (T)	86
H5 500 Trimless	89
H5 500 Symmetric (T)	90
H5 500 Asymmetric (T)	91
H5 1000 Symmetric (T)	92
H5 1000 Asymmetric (T)	93

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



DM298GRID

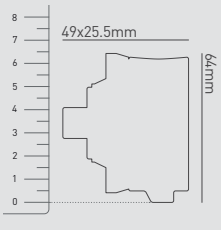
LED mains grid dimmer

50°C | -25 to 50°C | 50g

Product Code	DM298GRID
Construction material	Plastic
Dimmer type	Push on / off rotary dial
Grid plate adapters	Deta, GET, BG, Wandsworth, MK Logic, Hamilton, MEM & Crabtree (included)
Mains supply voltage	240V AC
Mains supply voltage range	220V AC - 240V AC
Mains supply frequency	50 / 60Hz
Load type	LED dimmable driver only
Minimum load capacity	25W
Maximum load capacity	90W
Phase firing	Leading edge
Connection terminal diameter (mm)	3
Guarantee	1 year

USE IN CONJUNCTION WITH	
H2 Lite	80
H2 Pro 550 (T)	81
H2 Pro 700 (T)	82
H4 FF (T)	84
H4 Pro 700 (T)	86
H4 Eyeball (T)	88
H5 500 Trimless	89
H5 500 Symmetric (T)	90
H5 500 Asymmetric (T)	91
H5 1000 Symmetric (T)	92
H5 1000 Asymmetric (T)	93

- Compatible with the downlight range
- Minimum brightness can be adjusted
- Depth of pattress box: 35mm



COLLINGWOOD
LIGHTING

LEDEP05

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

IP20 Suitable for use indoors

5 yr | 1 yr 5 year guarantee on LED driver, 1 year guarantee on battery

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

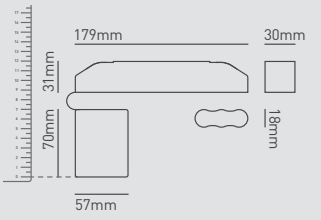
LEDEP05BAT - replacement battery

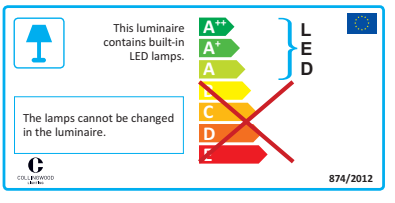
GENERAL	
Double insulation	Yes
Case temperature (tc = °C)	70
Protection	Mains surge, short circuit, overload & overheating
Inrush current	5A 0.3ms

WIRING	
Connection output	Flying lead
Input cable required	0.5 - 1.5mm², 3 core
Output cable required	0.240mm² (supplied)

FEATURES & BENEFITS

- Emergency mode powers H2 Pro / H4 Pro / H4 FF / H4 EYEBALL / H5 500 & H6ND / H6DIM. Approx. 25% light output compared to normal running
- Assemble with above downlights for maintained emergency lighting operation
- Can be used with other light fittings using 1-3 high power LEDs at 700mA
- Provides minimum of 3 hours of emergency lighting
- Green indicator light indicates charging of batteries





COLLINGWOOD
LIGHTING

LEDEM01

LED emergency module

IP20 Suitable for use indoors

5yr | 1yr 5 year guarantee on LED driver 1 year guarantee on battery

50 | 118° · 2W · 844-50 · 30°C · ½ 40°C · SELV · 800g · 70,000h

L70, B10

PHOTOMETRICS @ 25°C

Colour		Finish	Product code	W	CRI	lm	lm/W	lx at 1m
6500K	Axial: 50° Transverse: 118°	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.

GENERAL

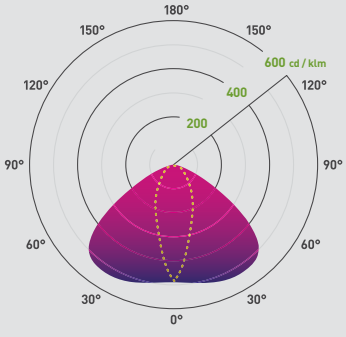
Building regulations	Part P
Construction material	Aluminium
Inrush current	17A 0.1ms
Maximum ceiling thickness (mm)	18mm

WIRING

Input cable required	0.5 - 1.5mm², 3 core
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

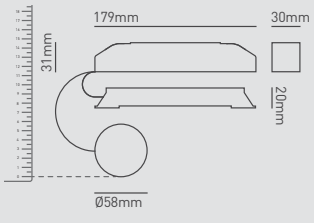
FEATURES & BENEFITS

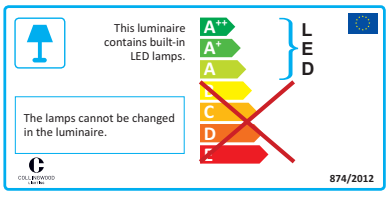
- Light distribution ideally designed for corridors
- Integral driver with 3hr emergency battery pack
- Single LED module



Transverse / **Axial**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDEP360

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

IP20 Suitable for use indoors

5 yr | 1 yr 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)
LEDEP360	-	20	220V-2240V 50-60Hz	160	6-60

LEDEP360BAT - replacement battery

GENERAL

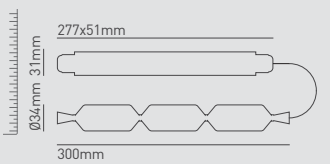
Case temperature (tc = °C)	70
Protection	Mains surge, short circuit, overload & overheating
Maximum ceiling thickness (mm)	TBC

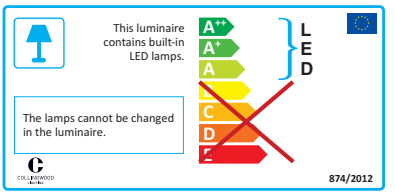
WIRING

Input cable required	4x 1.0mm²
Output cable required	Multiple (refer to installation instructions)

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





COLLINGWOOD
LIGHTING

DL201

DLSURFACE
for size reference only

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 · ½40°C · 4.3kg · 70,000h · 3SDCM

Patent information: **collingwoodlighting.com/patent**

L70, B10

PHOTOMETRICS @ 25°C

Colour		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°	DL201SWW*	>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

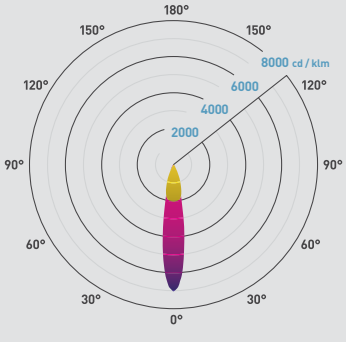
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

ACCESSORIES

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

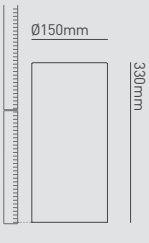
FEATURES & BENEFITS

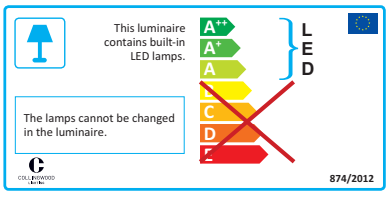
- Ideal for high exposed ceilings
- IP mains connector included
- Ceiling fitting kit included
- Matt silver, sand blasted & anodised finish ensuring longevity
- Low glare



4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

DL SURFACE

Surface-mount, dimmable LED downlight

IP44 Splashproof

7 year extended warranty available

38° | 8W | 240V | 40°C | ½40°C | 600g | 2 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

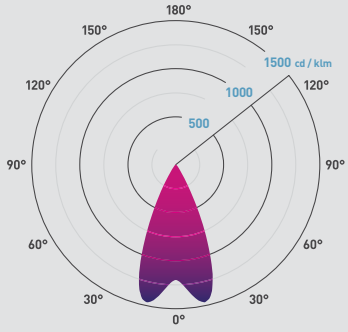
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	Yes (mains)	2	-	-

ACCESSORIES

Product code	Description	
DM298GRID	Mains grid dimmer	97

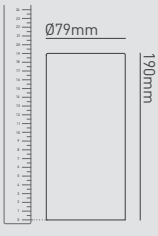
FEATURES & BENEFITS

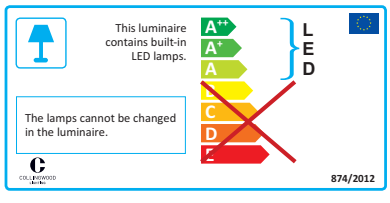
- Equivalent to 35W Halogen
- Ceiling fitting kit included
- Fit between 3-10 products per 500W mains dimmer



4000K 38°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

DL PENDANT

Dimmable, pendant LED downlight

IP20 Suitable for use indoors

7 year extended warranty available

38° | 8W | 240V | 40°C | ½40°C | 1kg | 70,000h | 3SDCM

Patent information: **collingwoodlighting.com/patent**

L70, B10

PHOTOMETRICS @ 25°C

Colour		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

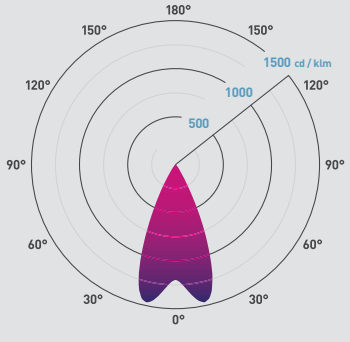
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	Yes (mains)	-	-	-

ACCESSORIES

Product code	Description	
DM298GRID	Mains grid dimmer	97
DL DROP ROD	1m anodised aluminium drop rod for added rigidity	104

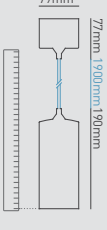
FEATURES & BENEFITS

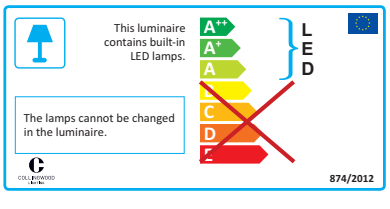
- Ceiling fitting kit included
- Equivalent to 35W halogen
- Fit between 3-10 units per dimmer
- Cable length can be adjusted



4000K 38°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

DL DROP ROD

1m rod for use with DL PENDANT

1 yr 1 year guarantee

8g

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	103

FEATURES & BENEFITS

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

COLLINGWOOD
LIGHTING

DL120

DL130

DL120 | DL130

Mini adjustable LED spot light

IP20 Suitable for use indoors

1yr 1 year guarantee

15° | 1W | 20° | 40°C | ½35°C | 40g | Ø44 | Ø53 | 70,000h

Patent information: **collingwoodlighting.com/patent**

DL120 DL130

PHOTOMETRICS @ 25°C

Colour		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

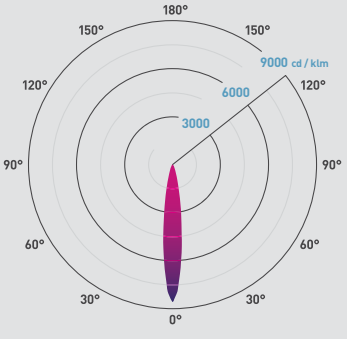
Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PLU/PP/350 1-9 (Plug & Play)	350	Yes	No	-	1	9
PLR/350 1-5	350	Yes	No	-	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	-	1	10

ACCESSORIES

Product code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	216
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	216
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

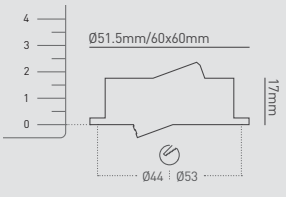
FEATURES & BENEFITS

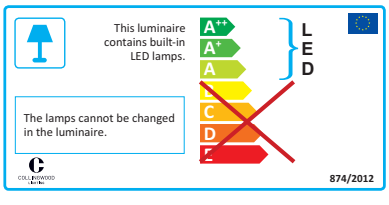
- Quality machined aluminium finish
- Small and discreet
- Adjustable angle to direct light



4000K 15°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

FIBRE LED LIGHT

Fibre optic LED light injector

IP20 Suitable for use indoors

7 year extended warranty available

Also available in RGBW See page **258**

1W | 41°C | 35°C | 40g | 70,000h | 3SDCM

Patent information: **collingwoodlighting.com/patent**

L70, B10

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

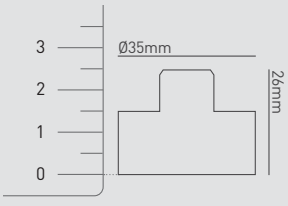
For LED driver bathroom zone & additional LED drivers see page 266

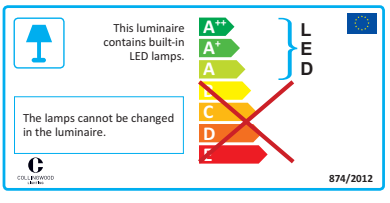
ACCESSORIES

Product code	Description	
FIBRE LED 1/30	Fibre optic strands	107
FIBRE LED 2/30	Fibre optic strands	107
UY2 CONNECTOR	Quick waterproof connector	282

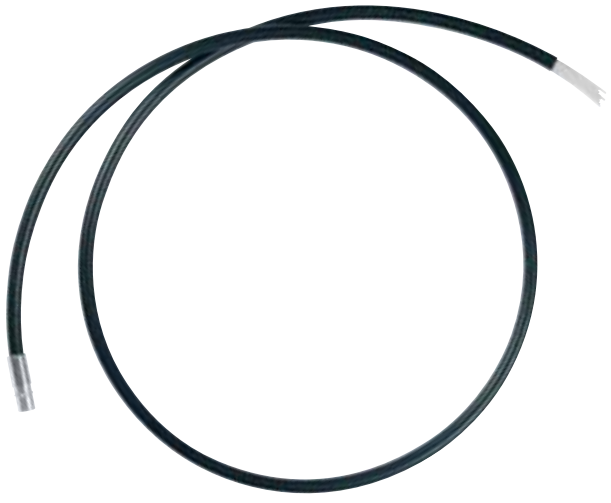
FEATURES & BENEFITS

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





COLLINGWOOD
LIGHTING



FIBRE LED

Fibre optic strands

1yr 1 year guarantee

PRODUCT DATA		
Product code	FIBRE LED 1/30 FIBRE LED 2/30	(1m) (2m)

GENERAL	
Construction material	Plastic

WIRING	
Cable	-
Series / Parallel	-

USE IN CONJUNCTION WITH	
FIBRE LED LIGHT	106
DL329RGBW	258

FEATURES & BENEFITS

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

COLLINGWOOD
LIGHTING

RL111

LED AR111 replacement for 75W halogen

IP40* Suitable for use indoors

7 year extended warranty available

20 | 40° · 12W · <60°C · ↳35°C · 280g · HOUSING DEPENDANT · 60,000h L70, B10 · 3SDCM

* LED unit only

PHOTOMETRICS @ 25°C

Efficacy does not include driver

Colour		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

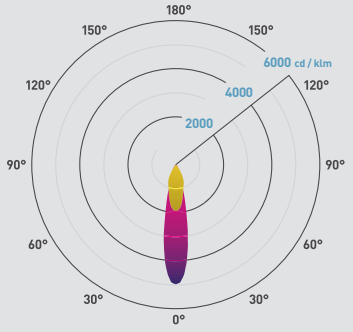
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
DM298GRID	Mains grid dimmer	97
AR119/120/220	Adjustable housing	109
HAL 104	DALI interface	274

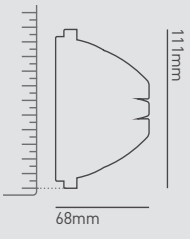
FEATURES & BENEFITS

- 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



4000K 20° / **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 B C D E — LED

874/2012

COLLINGWOOD
LIGHTING

AR119

AR120

AR220

AR119 | AR120 | AR220

Adjustable housing

1yr 1 year guarantee

Ø165	145x145	315x145	300g	360g	700g
AR119	AR120	AR220	AR119	AR120	AR220

PRODUCT DATA		
Product code	AR119 SIL AR120 SIL AR220 SIL	(Round) (Square) (Double fitting)

GENERAL	
Construction material	Machined aluminium

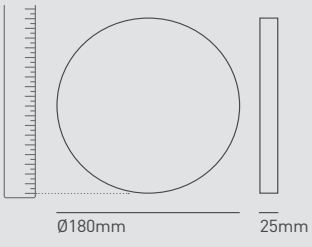
WIRING	
Cable	-
Series / Parallel	-

USE IN CONJUNCTION WITH	
RL111	108

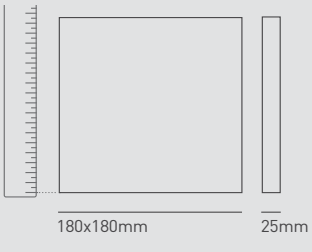
FEATURES & BENEFITS

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

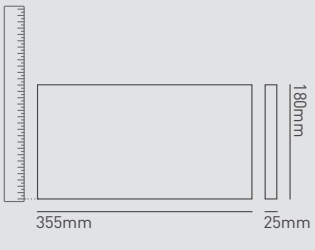
AR119



AR120



AR220



COLLINGWOOD
LIGHTING

DM01

MR16 high output single source LED replacement

IP40 Splashproof

7 year extended warranty available

25° | 9W | 45°C | 40°C | 100g | HOUSING DEPENDANT | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Adding a housing to this module will affect photometric readings

Colour		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 (0.205mm² 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
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

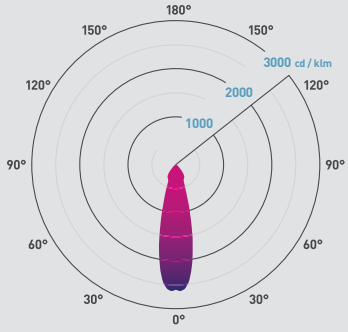
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
DH02WH	Adjustable MR16 pinhole housing for the DM01 range	111
DH03WH	Adjustable MR16 baffled housing for the DM01 range	111
DH04WH	Adjustable MR16 highlight housing for the DM01 range	111
DH05WH	Adjustable MR16 wall wash housing for the DM01 range	111
LED LYTE 1M EXT	1m Plug & Play extension lead	216
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	216
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

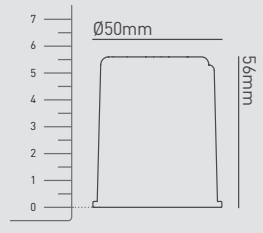
FEATURES & BENEFITS

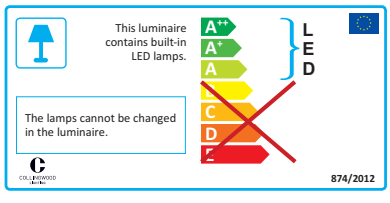
- Equivalent to 50W halogen
- MR16 for retrofit into existing housings
- Plug & Play connector for quick installation



4000K 25°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

DH02WH
Adjustable, white, pinhole housing for the DM01 range

IP20 | 30° | Ø78-83

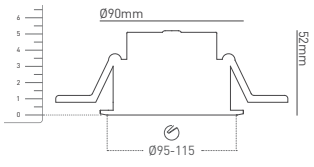
Product Code	DH02WH
Construction material	Aluminium
Guarantee	1 year

DM01 WITH DH02WH

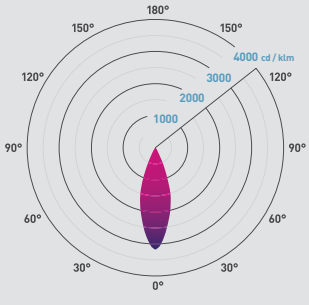
Colour	lm	lx at 1m
4000K	330	1051
3000K	300	956
2700K	270	860

USE IN CONJUNCTION WITH

DM01 **110**



› Pin hole attachment



4000K
Additional diagrams available at **collingwoodlighting.com**

DH03WH
Adjustable, white, baffled housing for the DM01 range

IP20 | 30° | Ø78-83

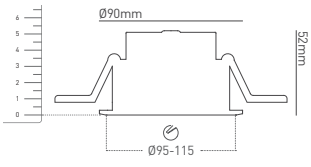
Product Code	DH03WH
Construction material	Aluminium
Guarantee	1 year

DM01 WITH DH03WH

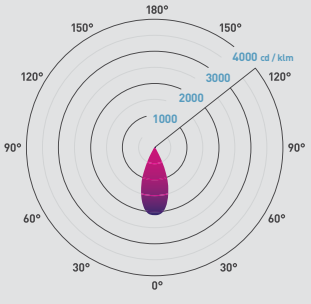
Colour	lm	lx at 1m
4000K	480	1027
3000K	450	963
2700K	420	899

USE IN CONJUNCTION WITH

DM01 **110**



› Black tube for ultra low glare downlighting



4000K
Additional diagrams available at **collingwoodlighting.com**

DH04WH
Adjustable, white, highlight housing for the DM01 range

IP20 | 30° | Ø78-83

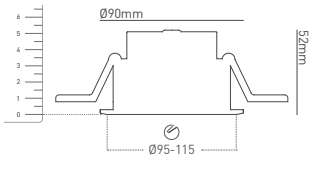
Product Code	DH04WH
Construction material	Aluminium
Guarantee	1 year

DM01 WITH DH04WH

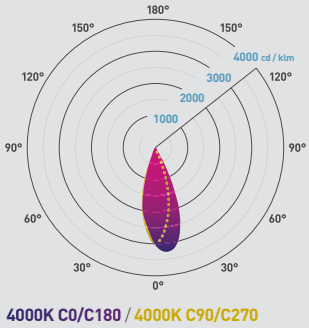
Colour	lm	lx at 1m
4000K	330	1078
3000K	300	980
2700K	270	882

USE IN CONJUNCTION WITH

DM01 **110**



› Oval hole, for highlighting vertical surfaces



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

DH05WH
Adjustable, white, wall wash housing for the DM01 range

IP20 | 30° | Ø78-83

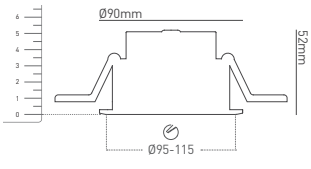
Product Code	DH05WH
Construction material	Aluminium
Guarantee	1 year

DM01 WITH DH5WH

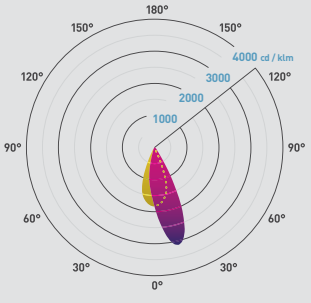
Colour	lm	lx at 1m
4000K	330	1028
3000K	300	935
2700K	270	841

USE IN CONJUNCTION WITH

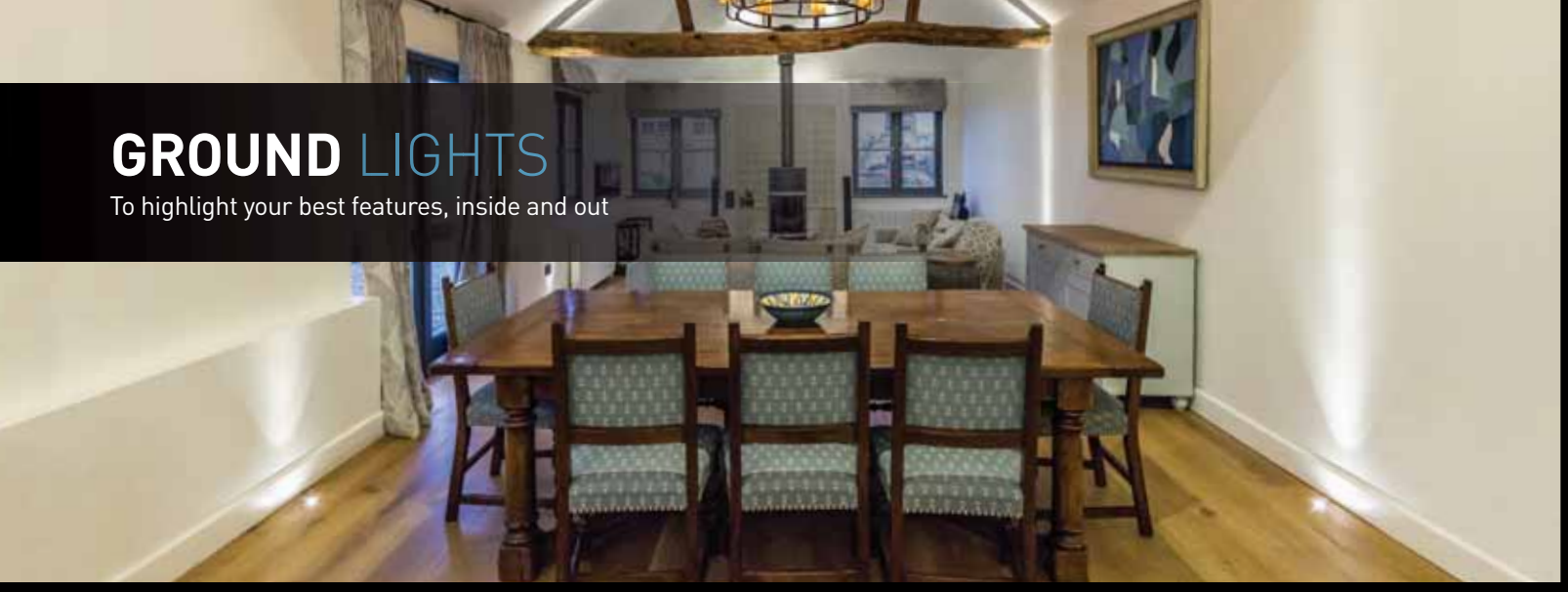
DM01 **110**



› Semi-circle, for wall washing



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



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 **135**. Already supplied with GL034A, GL038A, GL007A, GL008A and GL009A.

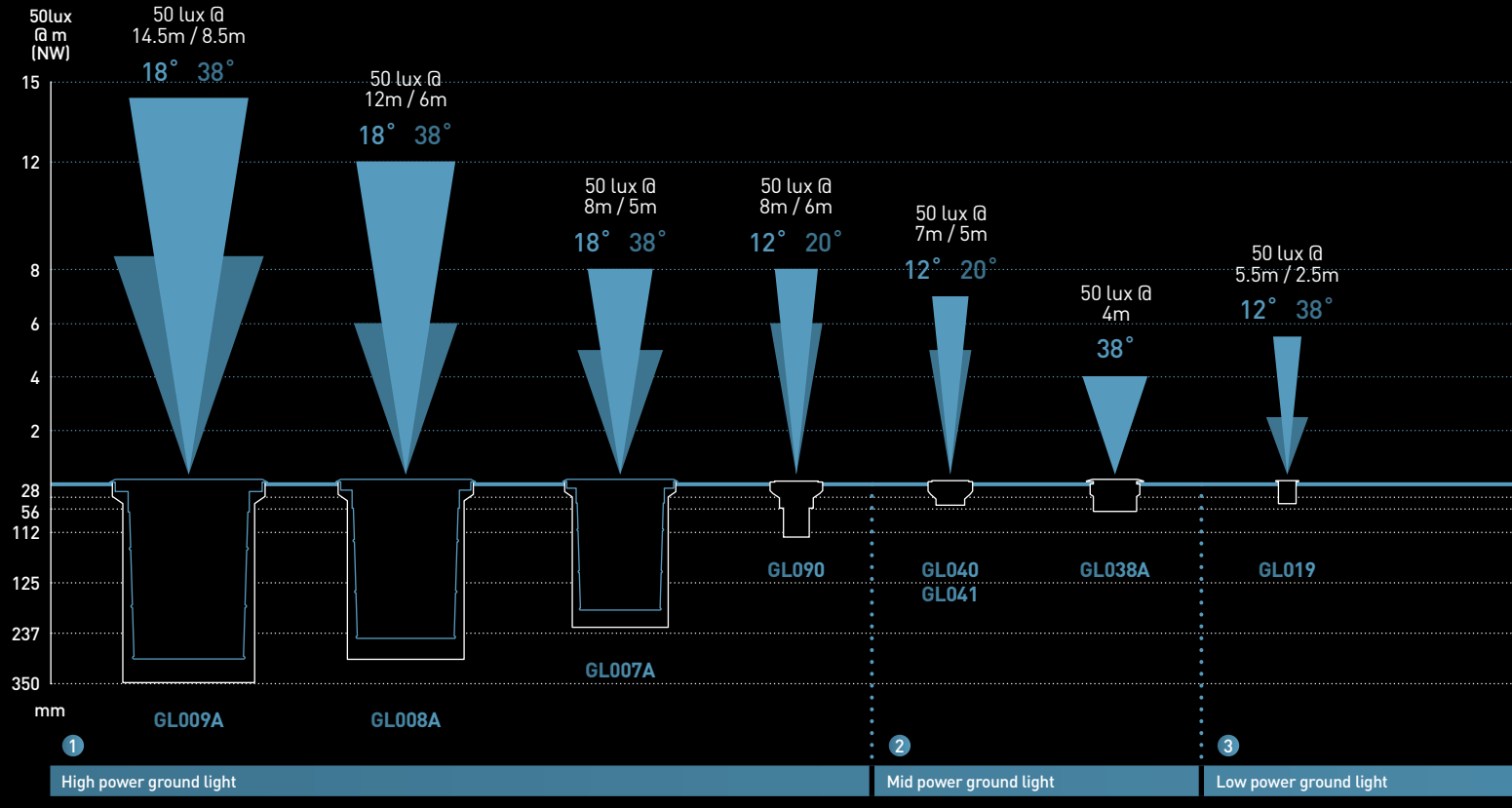
WATERPROOF

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 **282-283**

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.

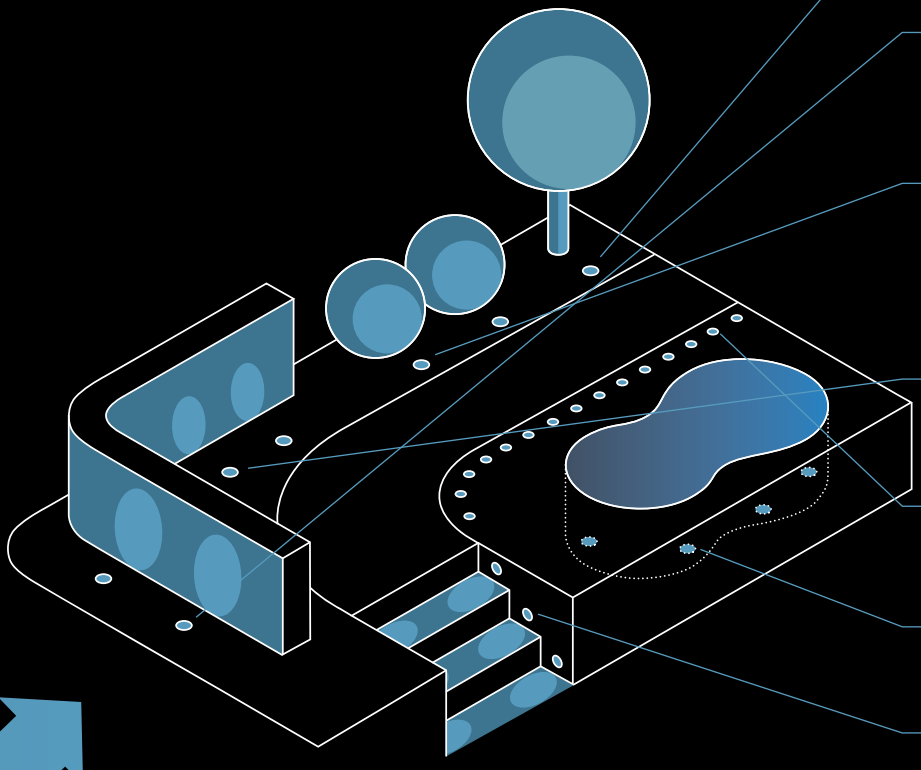


CHOOSE YOUR EFFECT

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

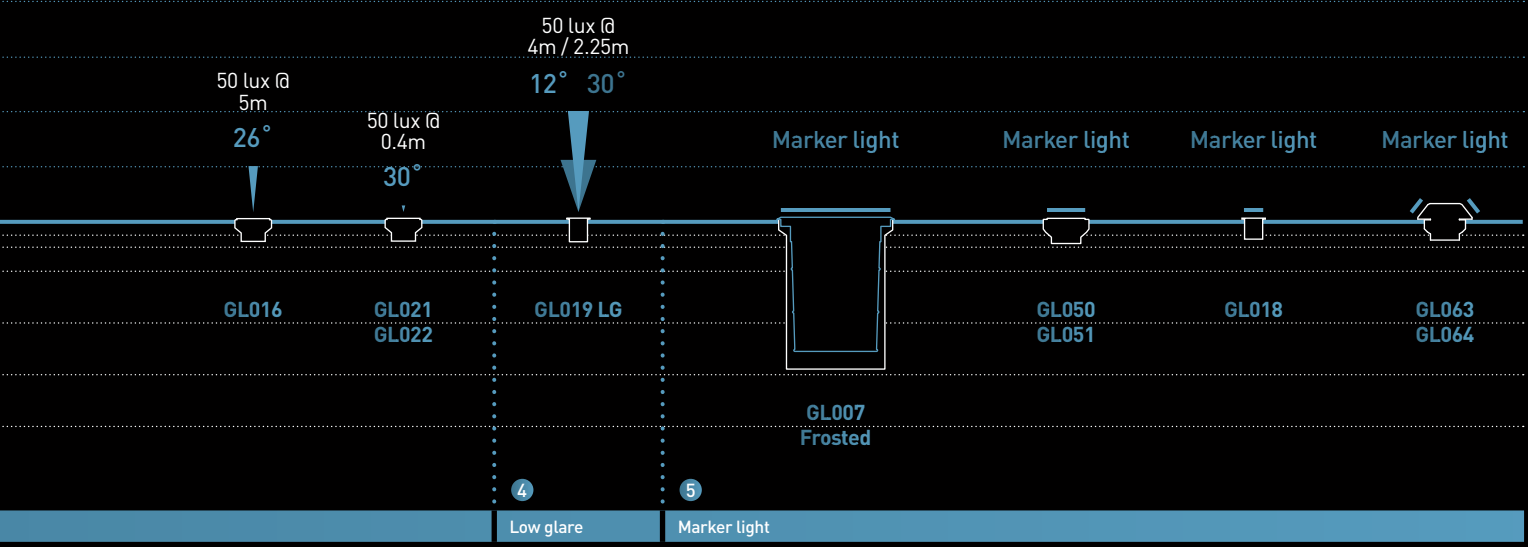
Providing a subtle diffused glow of light, these fittings are ideal for steps, pathways, driveways and car parks.

Submersible universal light

IP rated to IP68 and tested to 9m submersion.
Pages **210** - **211**

Step light

Using asymmetric ground or wall lights will throw light down and along the steps at the same time.
Pages **139-141**



COLLINGWOOD
LIGHTING

GL009A

Triple LED drive over ground light

IP67 Protected against temporary immersion

3 year extended warranty available

18 | 38° · 22W · 240V · 20° · 34°C · IK10 · ½ 35°C · 8.3kg · 2 ZONE · 70,000h L70, B10 · 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	38°	GL009A F NW	>70Ra	1266	58	3503
	18°	GL009A S NW	>70Ra	736	45	11180
3000K	38°	GL009A F WW	>80Ra	853	39	2513
	18°	GL009A S WW	>80Ra	891	41	8020

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	14.9A 0.6ms

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

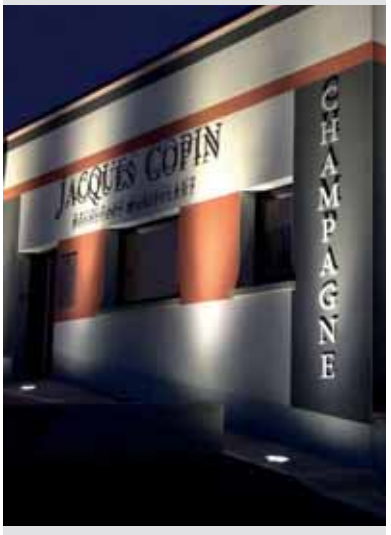
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

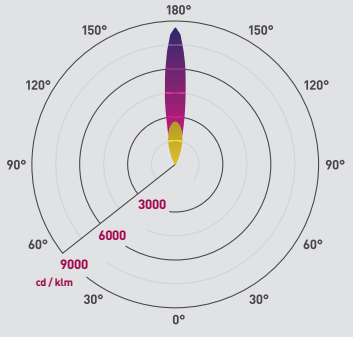
ACCESSORIES

Product code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	283
WC 5-9	Quick waterproof connector	282

FEATURES & BENEFITS

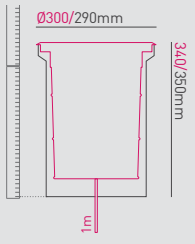
- Adjustable LED fittings
- Straight to mains

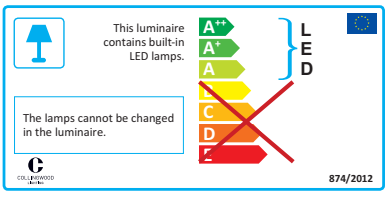




4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL008A

Twin LED drive over ground light

IP67 Protected against temporary immersion

3 year extended warranty available

Also available in RGBW See page **245**

18 | 38° · 16W · 240V · 20° · 32°C · IK10 · ½ 35°C · 4.7kg · 2 · 70,000h · 3SDCM

Patent information: **collingwoodlighting.com/patent**

ZONE · L70, B10

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	38°	GL008A F NW	>70Ra	750	47	1832
	18°	GL008A S NW	>70Ra	750	47	8004
3000K	38°	GL008A F WW	>80Ra	600	38	955
	18°	GL008A S WW	>80Ra	600	38	4570

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	14.9A 0.6ms

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

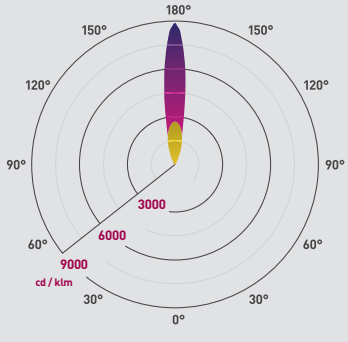
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	283
WC 5-9	Quick waterproof connector	282

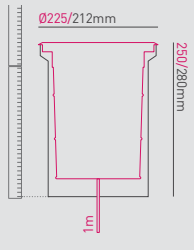
FEATURES & BENEFITS

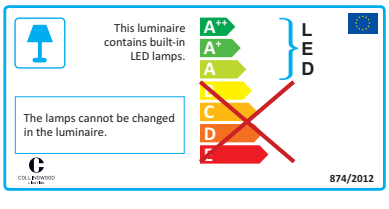
- Adjustable LED fittings
- Straight to mains



4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL007A

Drive over LED ground light

IP67 Protected against temporary immersion

3 year extended warranty available

Also available in RGBW See page **244**

18 | 38° · 8W · 240V · 20° · 35°C · IK10 · ½ 35°C · 3.3kg · 2 ZONE · 70,000h L70, B10 · 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	38°	GL007A F NW	>70Ra	375	38	1081
	18°	GL007A S NW	>70Ra	375	38	4002
3000K	38°	GL007A F WW	>80Ra	310	31	468
	18°	GL007A S WW	>80Ra	310	31	2350

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

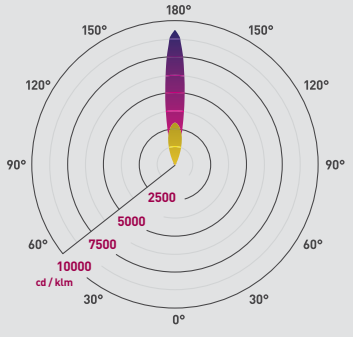
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	283
WC 5-9	Quick release waterproof connector	282

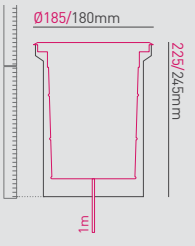
FEATURES & BENEFITS

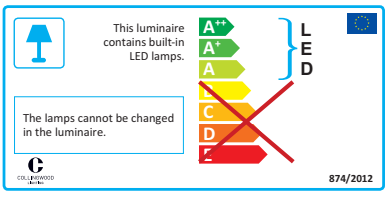
- Adjustable LED fittings
- Robust cable for outdoor use
- Straight to mains



4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL007 Frosted

Frosted LED drive over ground / marker light

IP67 Protected against temporary immersion

3 year extended warranty available

8W | 240V | 26°C | IK10 | ½ 35°C | 2.7kg | 2 ZONE | 70,000h 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

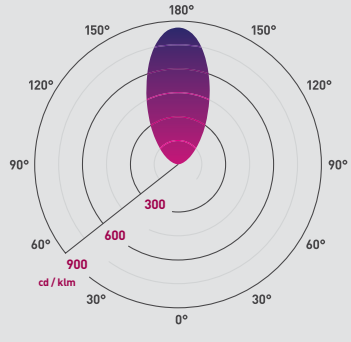
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	283
WC 5-9	Quick waterproof connector	282

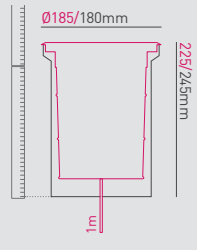
FEATURES & BENEFITS

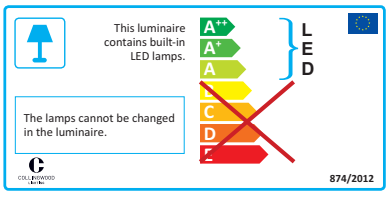
- Frosted effect for softer tone of light
- Straight to mains



4000K

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL063

GL064

GL063 | GL064

3 way LED marker light | 4 way LED marker light

IP67 Protected against temporary immersion

7 year extended warranty available

4W	5W	Ø55	37°C	½ 35°C	1.1kg	1	70,000h		3SDCM
GL063	GL064					ZONE	L70, B10		

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

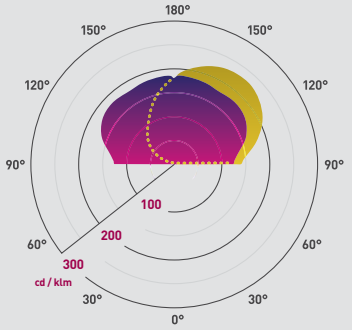
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/68	Installation tube	135
WCR 275 BLACK	2-Core rubber cable	283

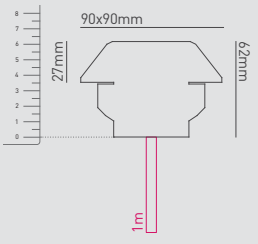
FEATURES & BENEFITS

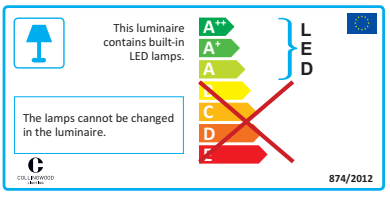
- Cast Stainless steel for aged effect
- Raised profile sending light in three or four directions



GL063 **3000K C0/C180** / **3000K C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

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 | ½35°C | 800g | 2 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

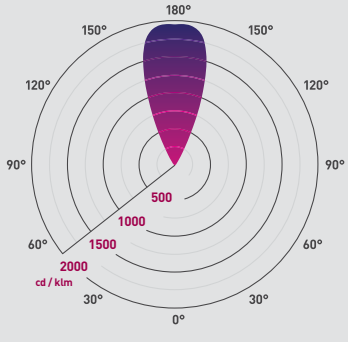
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
Installation tube (included)		
JB5	Gel filled waterproof connector	283
WC 5-9	Quick waterproof connector	282

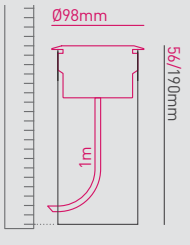
FEATURES & BENEFITS

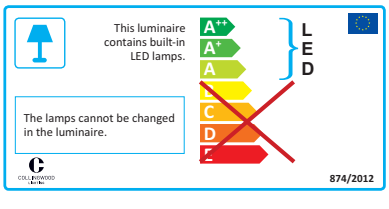
- Equivalent to 20W Halogen
- Robust cable for outdoor use
- Straight to mains



4000K 38°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL090

7W LED ground light

IP68 Submersible to 9m

7 year extended warranty available

Also available in RGBW See page **246**

12 | 20° · 7W · Ø65 · <50°C · ½ 35°C · 800g · 0 ZONE · 70,000h L70, B10 · 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

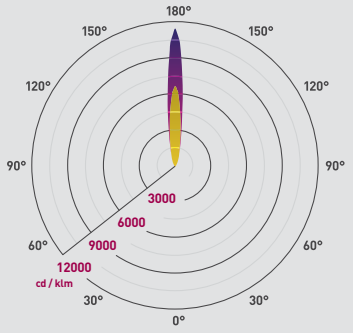
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/68	Installation tube	135
WCR 275 BLACK	2-Core rubber cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

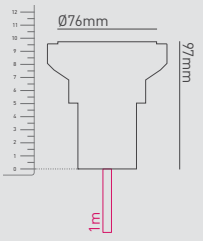
FEATURES & BENEFITS

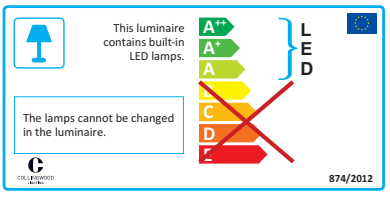
- Equivalent to 35W Halogen & 35W AR111
- Robust cable for outdoor use



4000K 12° / **4000K 20°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

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 **247**

12|20° | 3W | Ø65 | <40°C | ½35°C | 720g GL040 | 760g GL041 | 0 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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
Blue	20°	GL040 F BLUE	-	25	10	25
	12°	GL040 S BLUE	-	25	10	62

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

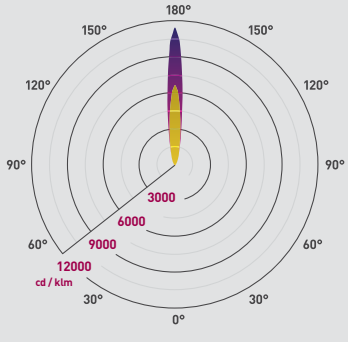
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/68	Installation tube	135
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

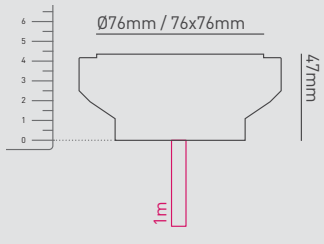
FEATURES & BENEFITS

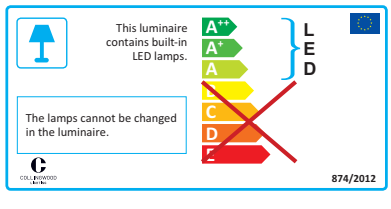
- Equivalent to 20W Halogen & 35W AR111
- Robust cable for outdoor use



4000K 12° / **4000K 20°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL050 | GL051

3W LED ground / marker light I Square 3W LED ground / marker light

IP68 Submersible to 9m

7 year extended warranty available

Also available in RGBW (GL050) See page **248**

100° | 3W | Ø65 | <45°C | ↳35°C | 552g GL050 | 600g GL051 | 0 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

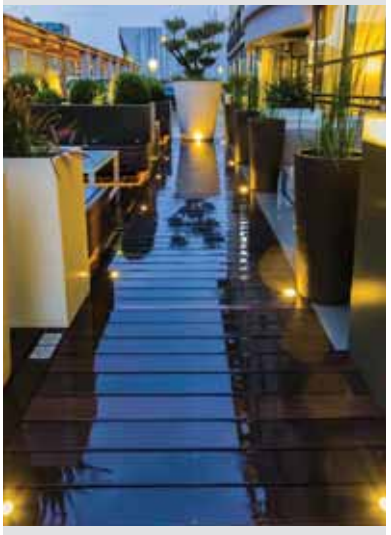
For LED driver bathroom zone & additional LED Drivers see page **266**

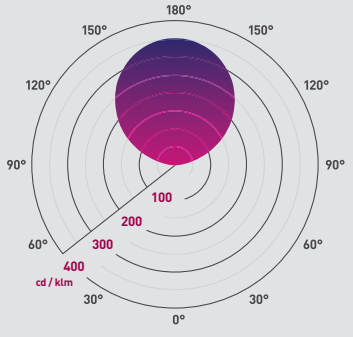
ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/68	Installation tube	135
WCR 275 BLACK	2-Core rubber cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

FEATURES & BENEFITS

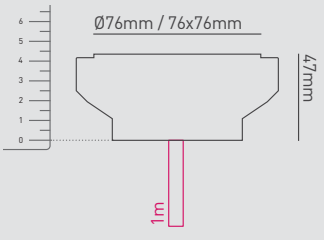
- Frosted effect for softer tone of light
- Robust cable for outdoor use

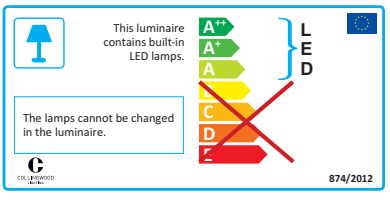




4000K 100°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL016 | GL016 SQ

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

IP68 Submersible to 9m

7 year extended warranty available

Also available in RGBW (GL016) See page **249**

26° | 1W | Ø50 | <35°C | ½ 35°C | 400g | ZONE 0 | L70, B10 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

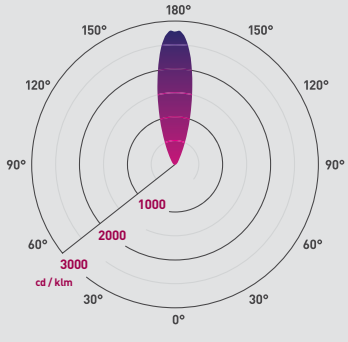
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/50	Installation tube	135
WCR 275 BLACK	2-Core rubber cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

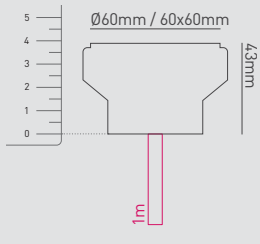
FEATURES & BENEFITS

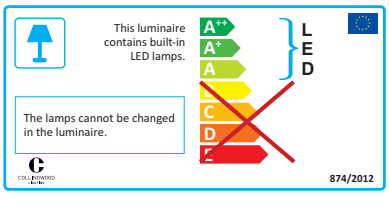
- Robust cable for outdoor use
- Shallow depth for easy installation



4000K 26°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL016 F AB

1W LED ground light

IP68 Submersible to 9m

7 year extended warranty available

26° | 1W | Ø50 | <35°C | ½35°C | 400g | 0 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

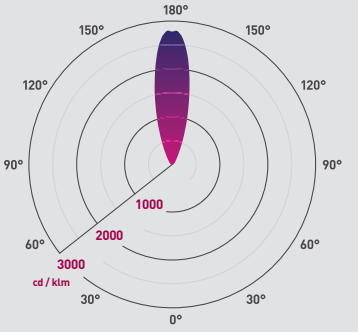
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/50	Installation tube	135
WCR 275 BLACK	2-Core rubber cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

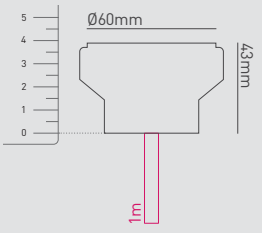
FEATURES & BENEFITS

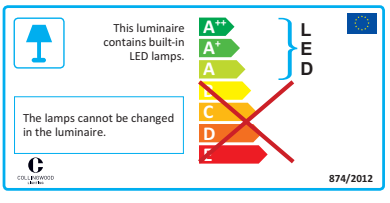
- Robust cable for outdoor use
- Shallow depth for easy installation
- Solid brass for antique effect



4000K 26°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL021 | GL022

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

IP68 Submersible to 9m

7 year extended warranty available

30° | 1W | Ø50 | 37°C | ½ 35°C | 400g | 0 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

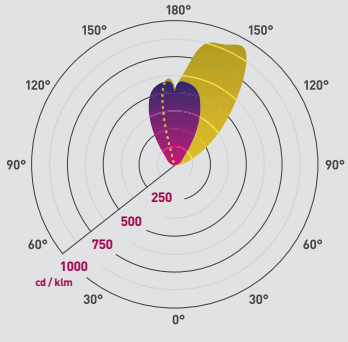
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/50	Installation tube	135
WCR 275 BLACK	2-Core rubber cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

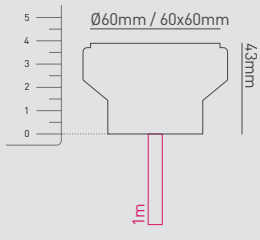
FEATURES & BENEFITS

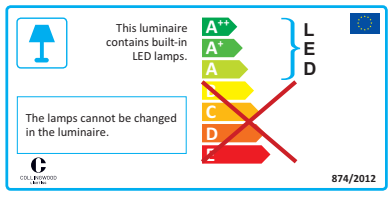
- Angled light ideal for use as a step light
- Cast Stainless steel for aged effect (GL022)
- Robust cable for outdoor use



3000K C0/C180 / **3000K C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL019

1W mini LED ground light

IP68 Submersible to 9m

7 year extended warranty available

12 | 38° · 1W · Ø33 · 32°C · ½ 35°C · 200g · 0 ZONE · 70,000h L70, B10 · 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

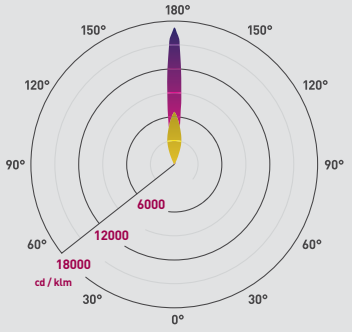
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/33	Installation tube	135
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

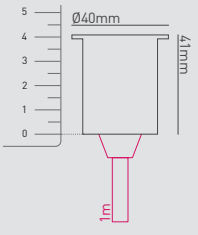
FEATURES & BENEFITS

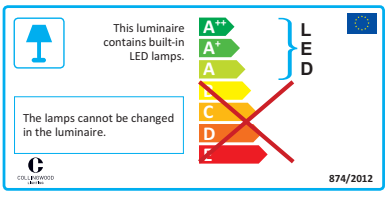
- Compact yet powerful fitting
- Shallow depth for easy installation
- Robust cable for outdoor use



4000K 12° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

NEW

GL019 LG

1W mini low glare LED ground light

IP68 Submersible to 9m

7 year extended warranty available

12 | 30° · 1W · Ø33 · 32°C · ½ 35°C · 200g · 0 ZONE · 70,000h L70, B10 · 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

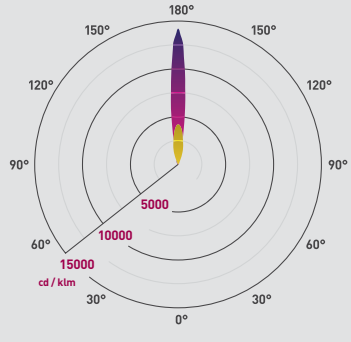
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/33	Installation tube	135
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

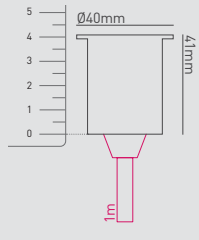
FEATURES & BENEFITS

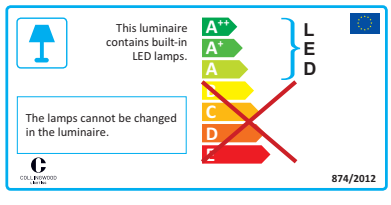
- Compact yet powerful fitting
- Shallow depth for easy installation
- Robust cable for outdoor use
- Built in glare reducing honeycomb baffle



4000K 12° / **4000K 30°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL019 SQ

1W square mini LED ground light

IP68 Submersible to 9m

7 year extended warranty available

12 | 20° · 1W · Ø33 · 32°C · ½ 35°C · 100g · 0 ZONE · 70,000h L70, B10 · 3SDCM

PHOTOMETRICS @ 25°C

Colour		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
Blue	20°	GL019 SQ F BLUE	-	-	-	-
	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

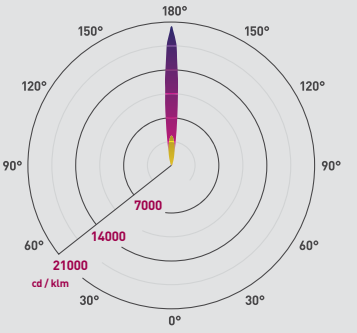
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
TUBE/33	Installation tube	135
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

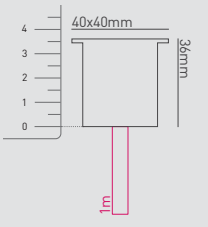
FEATURES & BENEFITS

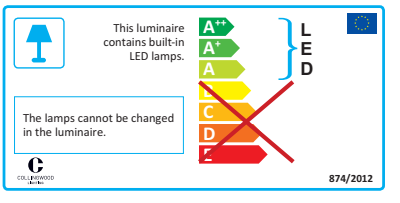
- Shallow depth for easy installation
- Square fascia for a different decorative effect



4000K 12° / 4000K 20°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL019 S T

1W threaded mini LED ground light

IP68 Submersible to 9m

7 year extended warranty available

12° | 1W | Ø32 | 32°C | ½ 35°C | 100g | 0 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

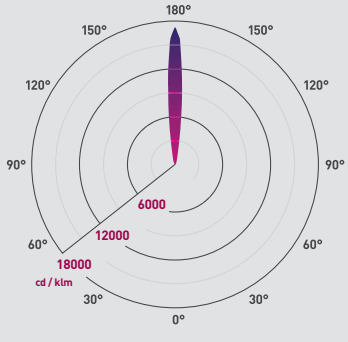
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

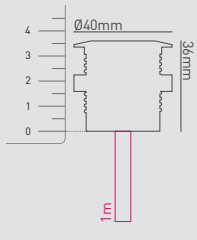
FEATURES & BENEFITS

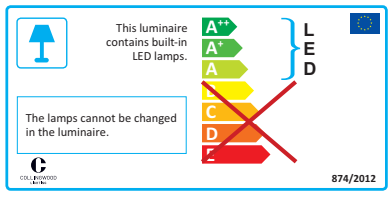
- Incorporated thread and nut for secure fitting into panels, walls or ceilings
- Shallow depth for easy installation



4000K 12°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL019 S TK

GL019 LED spot kit

IP68 Submersible to 9m

7 year extended warranty available

12° | 1W | Ø37 | 32°C | ½ 35°C | 100g | 0 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

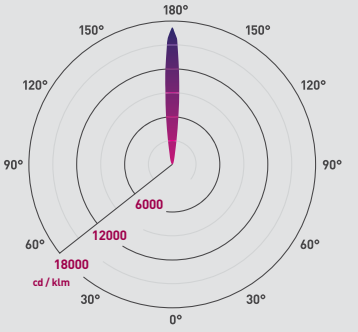
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	IP68 waterproof connectors	282-283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

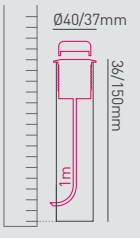
FEATURES & BENEFITS

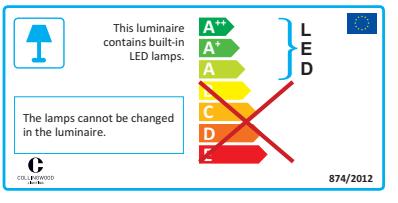
- Low profile waterproof ground light. Ideal for decking or by swimming pools
- Aluminium tube for secure installation in concrete or soft ground environments
- Theft/vandal-proof. Threaded body fits securely into supplied aluminium tube using tightening key



4000K 12°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL018 C

Small LED marker light

IP68 Submersible to 9m

1 yr 1 year guarantee

120° | 0.5W | Ø28 | 32°C | ½ 35°C | 300g | ZONE 0 | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	⌒	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	-	-	-	-
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 **266**

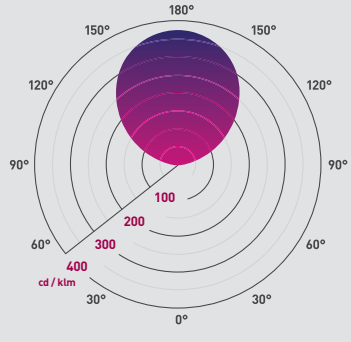
ACCESSORIES

Product code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	282-283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

FEATURES & BENEFITS

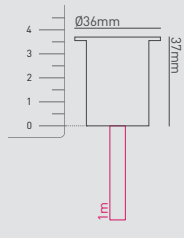
- Frosted effect for softer tone of light
- Low profile for easy installation
- Robust cable for outdoor use

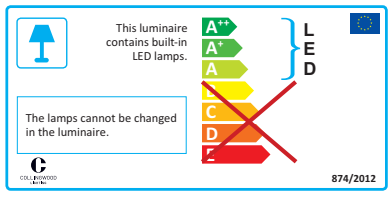
Photo credit: Lumiere



4000K 120°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL018 C AB

Small antique brass LED marker light

IP68 Submersible to 9m

1 yr 1 year guarantee

120° | 0.5W | Ø28 | 32°C | ½ 35°C | 300g | ZONE 0 | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	120°	GL018 C AB NW	>70Ra	3	6	1
3000K	120°	GL018 C AB WW	>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

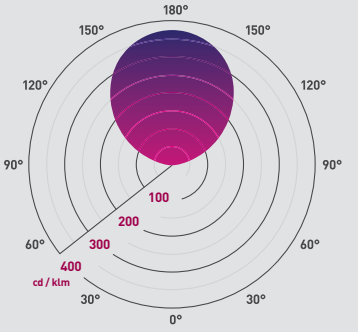
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	282-283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

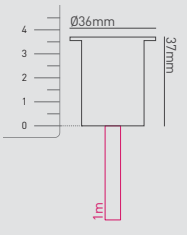
FEATURES & BENEFITS

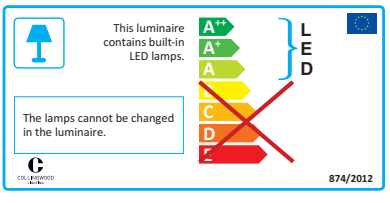
- Frosted effect for softer tone of light
- Robust cable for outdoor use
- Shallow depth for easy installation
- Solid brass for antique effect



4000K 120°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

GL018 SQ

Small square LED marker light

IP68 Submersible to 9m

1 yr 1 year guarantee

120° | 0.5W | Ø28 | 32°C | ½ 35°C | 300g | ZONE 0 | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

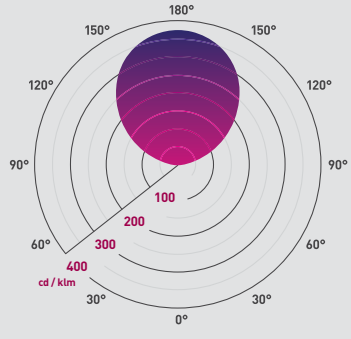
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	282-283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

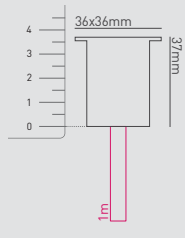
FEATURES & BENEFITS

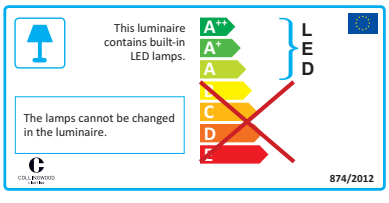
- Frosted effect for softer tone of light
- Low profile for easy installation
- Robust cable for outdoor use
- Square fascia for a different decorative effect



4000K 120°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL018 T

Small panel mount LED marker light

IP68 Submersible to 9m

1 yr 1 year guarantee

120° | 0.5W | Ø28 | 32°C | ½ 35°C | 300g | ZONE 0 | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	⌒	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

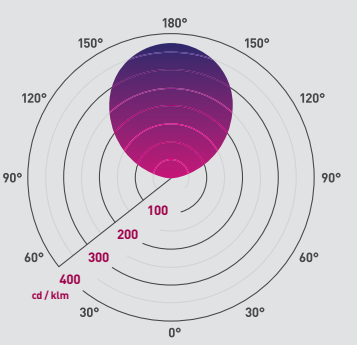
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB1 / JB5 / JB6	IP68 waterproof connectors	282-283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

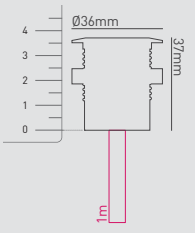
FEATURES & BENEFITS

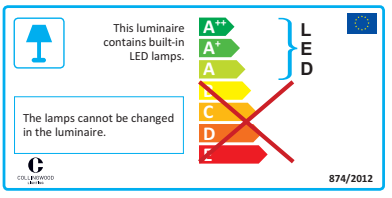
- Frosted effect for softer tone of light
- Incorporated thread and nut for secure fitting into panels, walls or ceilings
- Robust cable for outdoor use



4000K 120°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

TUBE/33 TUBE/50 TUBE/68

TUBE/33 | TUBE/50 | TUBE/68

Installation tubes

1yr 1 year guarantee

157g TUBE/33 | 252g TUBE/50 | 362g TUBE/68

PRODUCT DATA

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

GENERAL

Construction material	Anodised Aluminium

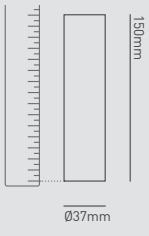
USE IN CONJUNCTION WITH

TUBE/33		TUBE/50		TUBE/68	
GL019	126	GL016	123	GL040	121
GL019 LG	127	GL016 F AB	124	GL040CARGB	247
GL019 SQ	128	GL016RGBW	249	GL041	121
		GL016 SQ	123	GL050	122
		GL021	125	GL050RGBW	248
		GL022	125	GL051	122
				GL090	120
				GL090RGBW	246
				GL063	118
				GL064	118

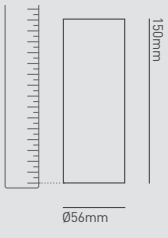
FEATURES & BENEFITS

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

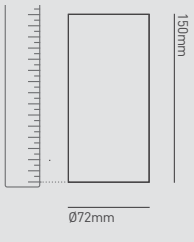
TUBE/33



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...

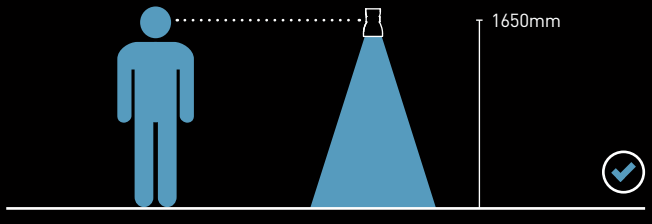
WL070A

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.

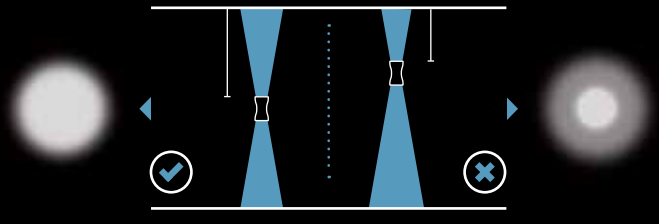
WL075A

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

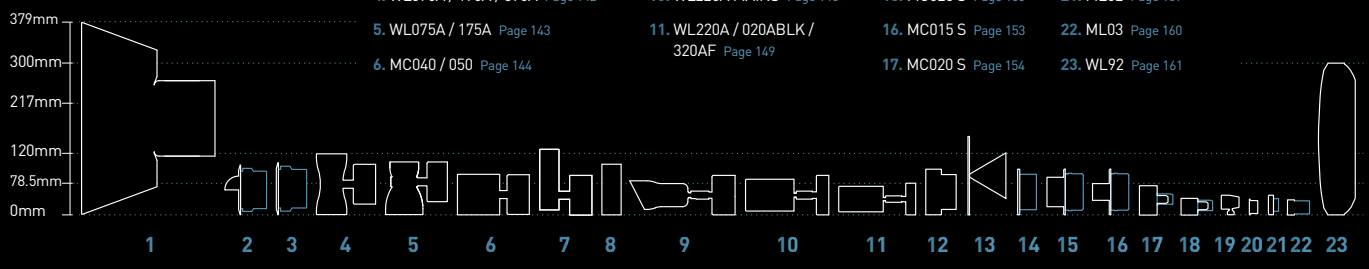


A general guide for the height of wall lights is 1650mm from floor/ground level (roughly eye level to a person of 5ft 8in).



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 138
2. GL034A Page 139
3. WL339 / 340 / 341 / 342 Page 140-141
4. WL070A / 170A / 370A Page 142
5. WL075A / 175A Page 143
6. MC040 / 050 Page 144
7. WL060 / 160 Page 145
8. OCTOLED Page 146
9. WL240A F / 140A F Page 147
10. WL220A MAINS Page 148
11. WL220A / 020ABLK / 320AF Page 149
12. WL041 IP Page 150
13. WL80 Page 151
14. WL050 Page 152
15. MC025 S Page 153
16. MC015 S Page 153
17. MC020 S Page 154
18. MC010 S Page 155
19. MF02 IP / MS02 IP Page 156-157
20. ML01 Page 158
21. ML02 Page 159
22. ML03 Page 160
23. WL92 Page 161

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.

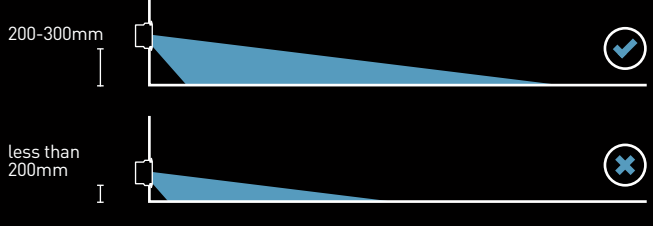
MC040

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

WL261 | WL262

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

IP65 Suitable for use outdoors

7 year extended warranty available

18 | 38° · 240V · 44°C · ↳35°C · 5.5kg · 22W (WL261) · 40W (WL262) · 70,000h (L70, B10) · 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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‡
	18°	WL262SNW*	40	>80Ra	3000†	75	11695‡
3000K	38°	WL261FWW	22	>80Ra	1350	61	3315
	18°	WL261SWW*	22	>80Ra	1350	61	9154
	38°	WL262FWW	40	>80Ra	2700†	68	3315‡
	18°	WL262SWW*	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

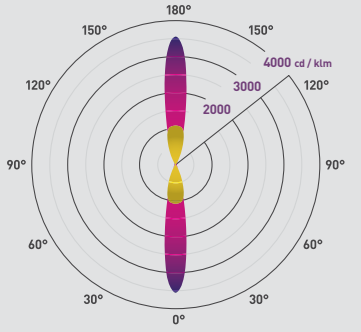
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

ACCESSORIES

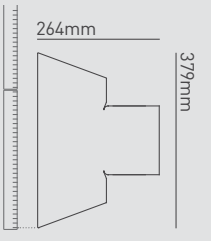
Product code	Description
There are currently no accessories associated with this product	

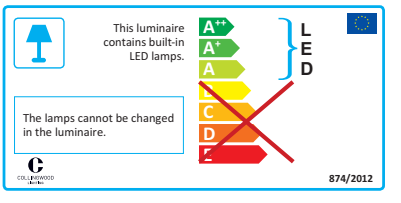
FEATURES & BENEFITS

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



WL262 **4000K 18°** / **4000K 38°**
Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL034A

Straight to mains hooded LED wall / ground light

IP67 Protected against temporary immersion

7 year extended warranty available

38° | 3.6W | 240V | Ø80 | 40°C | IK08 | ½35°C | 1kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

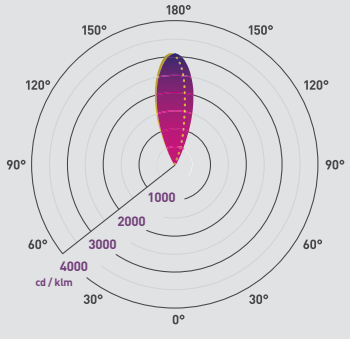
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
Installation tube included		
JB5	Gel filled junction box	283
WC 5-9	Quick release waterproof joint	282

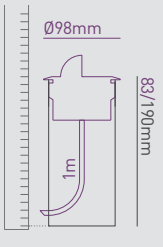
FEATURES & BENEFITS

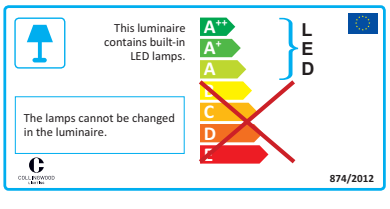
- Equivalent to 20W Halogen
- Straight to mains for easy installation and retrofitting
- Installation tube included
- 1m H05RN-F rubber cable attached for permanent use outdoors



4000K 38° C0/C180 / **4000K 38° C90/C270**

Additional diagrams available at **collingwoodlighting.com**





WL339

WL340

COLLINGWOOD
LIGHTING

WL339 | WL340

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

IP67 Protected against temporary immersion

7 year extended warranty available

50° | 2.6W | 240V | Ø80 | 30°C | ½35°C | 1kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

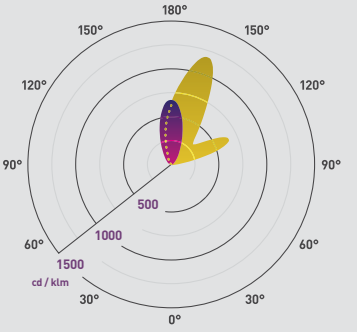
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
Installation tube included		
JB5	Gel filled waterproof connector	283
WC 5-9	Quick release waterproof joint	282

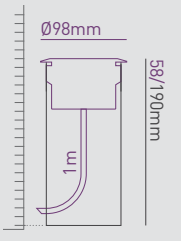
FEATURES & BENEFITS

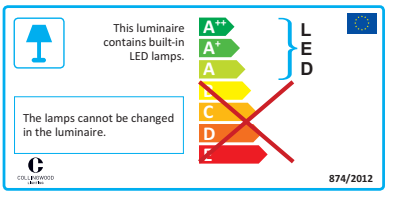
- Can be used as a wall light or ground light
- Straight to mains
- Installation tube included
- 1m H05RN-F rubber cable attached for permanent use outdoors



4000K 50° C0/C180 / **4000K 50° C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL341

WL342

WL341 | WL342

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

IP67 Protected against temporary immersion

7 year extended warranty available

50° | 2.6W | 240V | Ø80 | 30°C | ↳35°C | 1kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

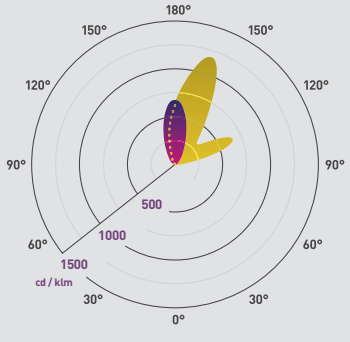
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
Installation tube included		
JB5	Gel filled junction box	283
WC 5-9	Quick release waterproof joint	282

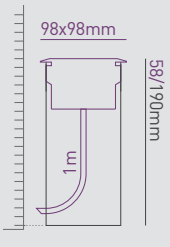
FEATURES & BENEFITS

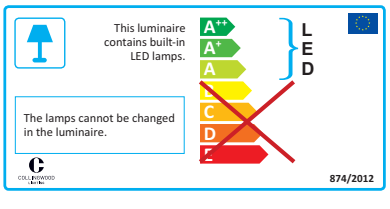
- Can be used as a wall light or ground light
- Straight to mains for easy installation
- Installation tube included
- 1m H05RN-F rubber cable attached for permanent use outdoors



4000K 50° C0/C180 / **4000K 50° C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL070A | WL170A | WL370A

Straight to mains up / down LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

Also available in RGBW (WL070A) See page **250**

18° | 8W | 240V | 31°C | ½39°C | 1kg | 2.5kg | 2 | 70,000h | 3SDCM

Patent information: **collingwoodlighting.com/patent**

WL070A / WL170A | WL370A | ZONE | L70, B10

PHOTOMETRICS @ 25°C

Colour		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

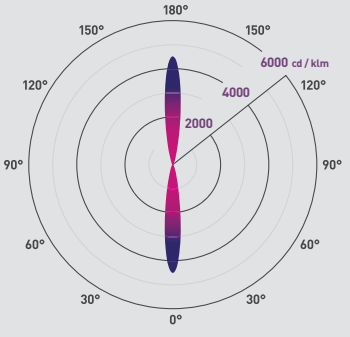
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

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

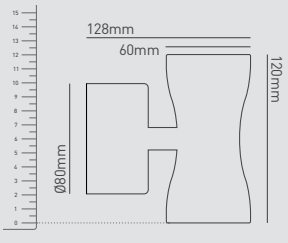
FEATURES & BENEFITS

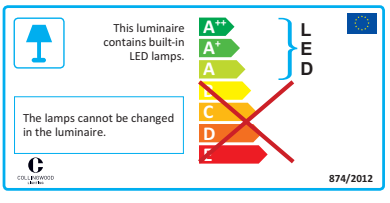
- Complete with wall fixings and waterproof crimp connectors
- Equivalent to 35W Halogen
- Copper for antique effect (WL370A)



4000K 18°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL075A WL175A

WL075A | WL175A

Straight to mains high output LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

Also available in RGB (WL075A) See page **251**

18° | 8W | 240V | <35°C | ½40°C | 1.2kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

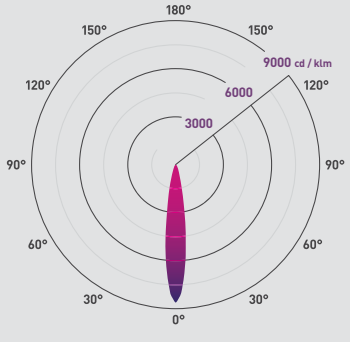
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

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

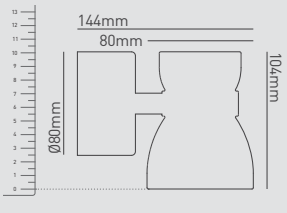
FEATURES & BENEFITS

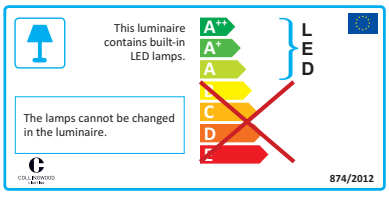
- Complete with wall fixings and waterproof crimp connectors
- Equivalent to 35W Halogen



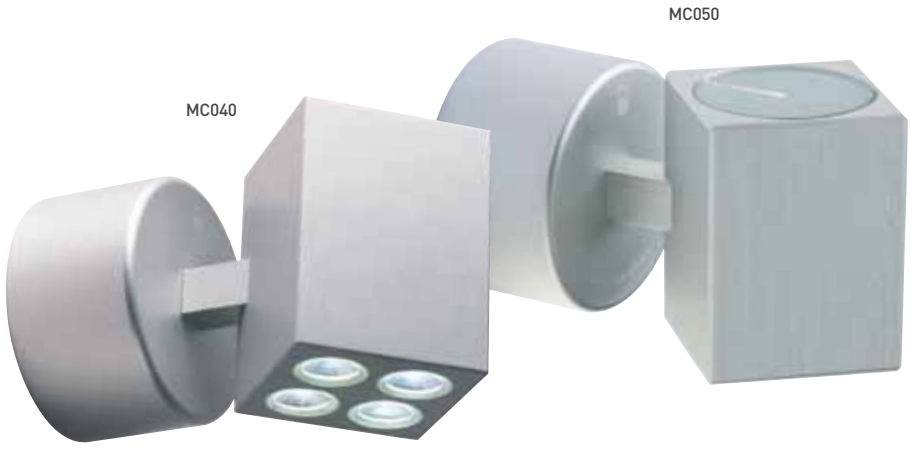
4000K 18°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING



MC040 | MC050

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

IP65 Suitable for use outdoors

7 year extended warranty available

110° | 5W | 6.5W | 240V | <40°C | ½35°C | 900g | 2 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

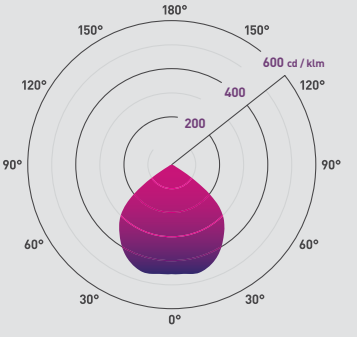
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

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

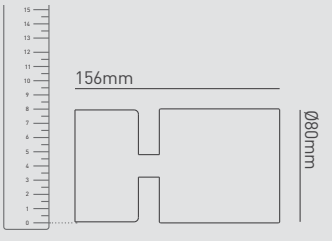
FEATURES & BENEFITS

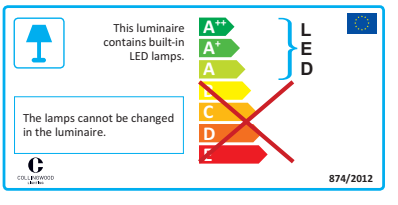
- Complete with wall fixings and waterproof crimp connectors
- Integral LED light for decorative effect (MC050)
- Equivalent to 35W Halogen



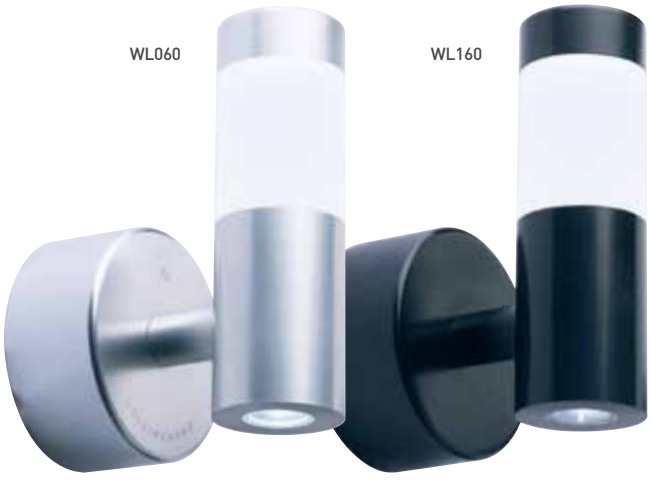
MC040 **4000K 110°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING



WL060 | WL160

Straight to mains LED halo / flood wall light

IP65 Suitable for use outdoors

7 year extended warranty available

110° | 2.6W | 240V | <40°C | ½40°C | 600g | ZONE 2 | L70, B10 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

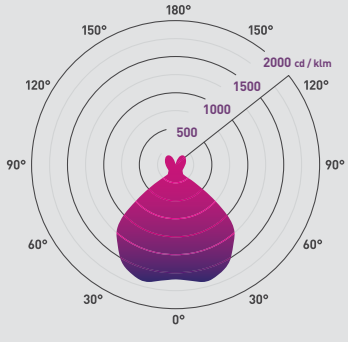
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

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

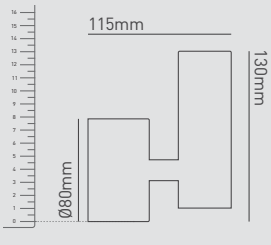
FEATURES & BENEFITS

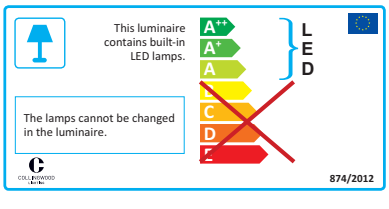
- Complete with wall fixings and waterproof crimp connectors
- Halo effect for decoration
- LED flood light for illumination



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

OCTOLED

Rotatable octagonal LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

12° | 4W | 350° | 30°C | ½ 35°C | 700g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

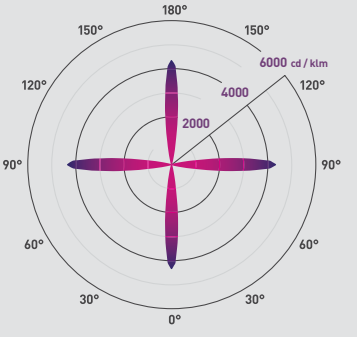
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

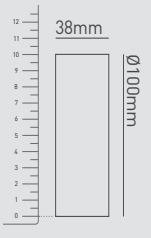
FEATURES & BENEFITS

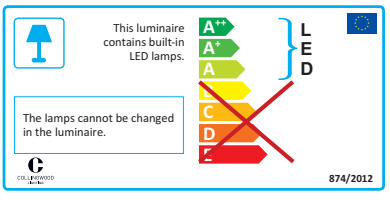
- Can be rotated to direct light
- Complete with wall fixings



4000K 12°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL140A F WL240A F

WL140A F | WL240A F

Straight to mains LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

38° | 8W | 240V | 90° | 350° | 36°C | ½ 35°C | 700g | 2 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

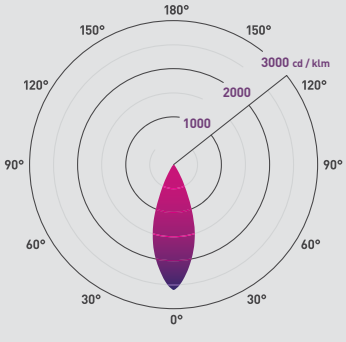
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	Yes	2	-	-

ACCESSORIES

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

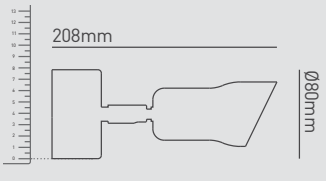
FEATURES & BENEFITS

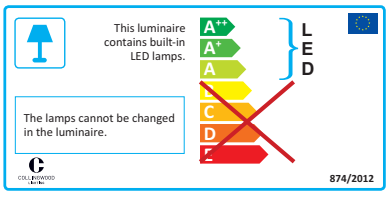
- Equivalent to 35W Halogen
- Complete with wall fixings and waterproof crimp connectors
- Adjustable angle to direct light
- Cowl design to reduce glare
- Suitable for indoor and outdoor use



4000K 38°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL220A MAINS

Straight to mains LED wall light

IP65 Suitable for use outdoors

3 year extended warranty available

18 | 38° · 3.6W · 240V · 90° · 330° · 40°C · ½ 35°C · 1kg · 2 ZONE · 70,000h L70, B10 · 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

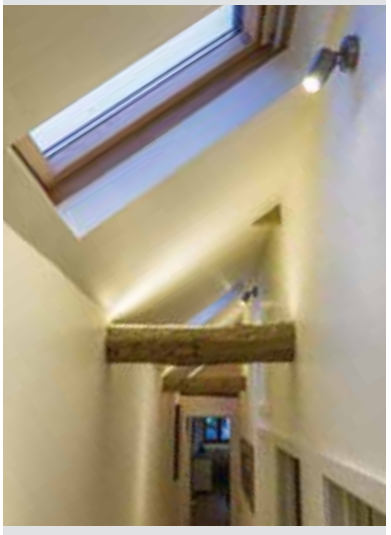
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

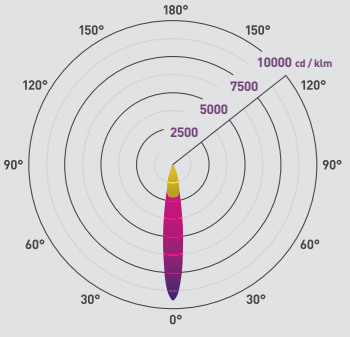
ACCESSORIES

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

FEATURES & BENEFITS

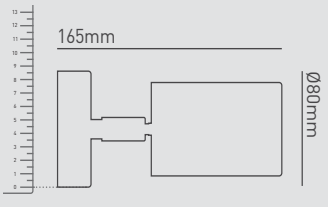
- Equivalent to 20W Halogen
- Complete with wall fixings and waterproof crimp connectors
- Adjustable angle to direct light
- Suitable for indoor and outdoor use

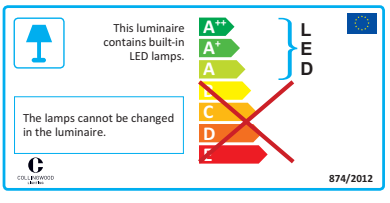




4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL220A WL020A BLK WL320A

WL220A | WL020A BLK | WL320A

LED wall light

IP65 Suitable for use outdoors

3 year extended warranty available

Also available in RGB (WL220A / WL020A) See page **252**

18|38° 3W 90° 330° 40°C ½35°C 1kg 1.4kg 1 70,000h

Patent information: **collingwoodlighting.com/patent**

WL220A / WL020A WL320A ZONE L70, B10 3SDCM

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	38°	WL220A F NW	>70Ra	243	81	887
	18°	WL220A S NW	>70Ra	276	92	3051
	38°	WL020A BLK F NW	>70Ra	243	81	887
	18°	WL020A BLK S NW	>70Ra	276	92	3051
	38°	WL320A F NW	>70Ra	243	81	887
3000K	38°	WL220A F WW	>80Ra	180	60	420
	18°	WL220A S WW	>80Ra	180	60	1667
	38°	WL020A BLK F WW	>80Ra	180	60	420
	18°	WL020A BLK S WW	>80Ra	180	60	1667
	38°	WL320A F WW	>80Ra	180	60	420

GENERAL

Construction material	WL220A / WL020A: Anodised Aluminium WL320A: Copper

WIRING

Cable/flying lead	0.05 (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	3
PLR/350 1-5	350	Yes	No	1	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	3

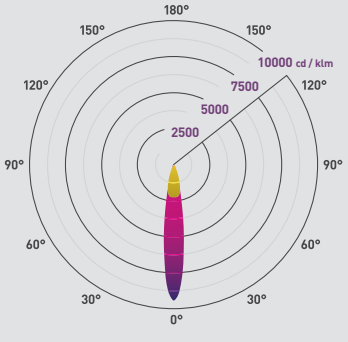
For LED driver bathroom zone & additional LED drivers see page **266**

ACCESSORIES

Product code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

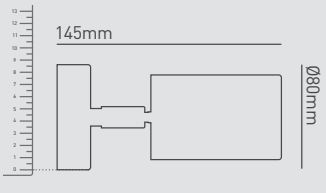
FEATURES & BENEFITS

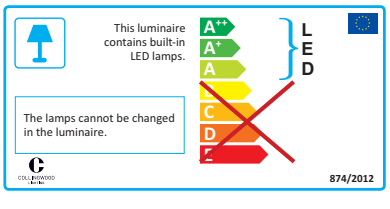
- Equivalent to 20W Halogen
- Complete with wall fixings
- Adjustable angle to direct light
- Copper for antique effect (WL320A)
- Suitable for indoor and outdoor use



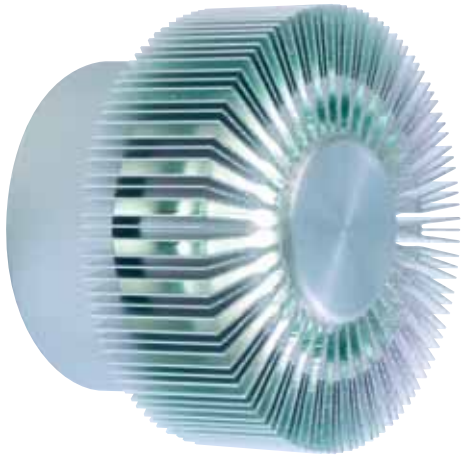
4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING



WL041IP

Straight to mains fan effect LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

1.6W | 240V | 29°C | Ta 35°C | 300g | 2 ZONE | 70,000h 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

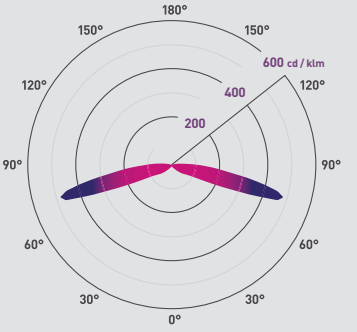
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

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

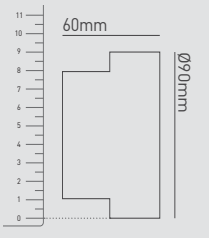
FEATURES & BENEFITS

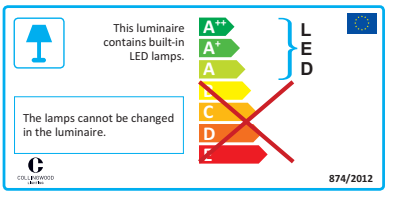
- Fan effect creates decorative feature
- Straight to mains
- Complete with bracket and waterproof crimp connectors



4000K

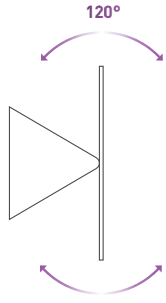
Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

NEW



WL80

Straight to mains tiltable LED wall light

IP20 Suitable for use indoors

3yr 3 year guarantee

7.1W 4000K | 5.4W 3000K | 240V | 120° | 25°C | ↳40°C | 500g | 30,000h

PHOTOMETRICS @ 25°C

Colour		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

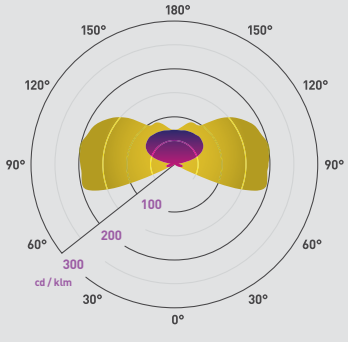
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

ACCESSORIES

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

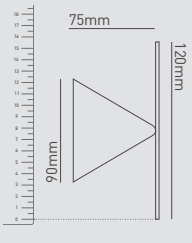
FEATURES & BENEFITS

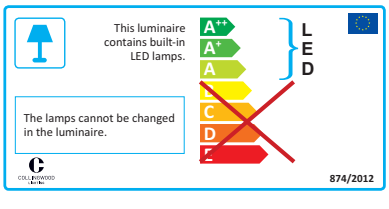
- Tiltable LED wall light
- Direct light towards the ceiling to flood the room with light
- Direct light towards the floor for low level lighting
- Direct light evenly up and down



4000K C0/C180 / **4000K C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL050

LED wall / step light

IP20 Suitable for use indoors

1 yr 1 year guarantee

84° | 1W | 77x77 | 28°C | 35°C | 100g | 50,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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 (0.205mm² 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

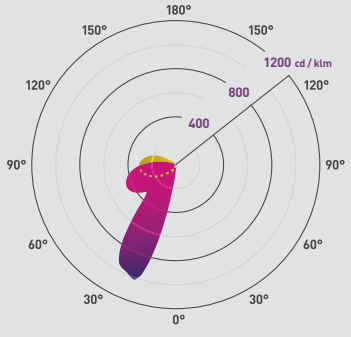
For additional LED drivers see page 266

ACCESSORIES

Product code	Description	
WL050 WALL BOX	Wall box for WL050	163
LED LYTE 1M EXT	1m Plug & Play extension lead	216
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	216
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

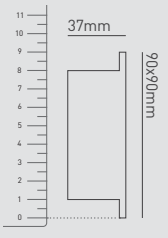
FEATURES & BENEFITS

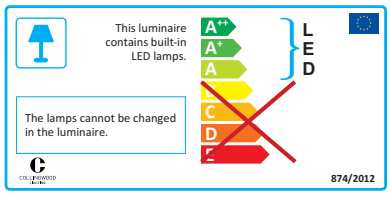
- Plug & Play connector for quick installation
- Wall box available



4000K 84° C0/C180 / **4000K 84° C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

MC015 S

MC025 S

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

7 year extended warranty available

12°	1.5W	2.3W	240V	38°C	30°C	½ 35°C	200g	70,000h	
	MC015	MC025		MC015	MC025			L70, B10	3SDCM

PHOTOMETRICS @ 25°C

Colour		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 WW	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

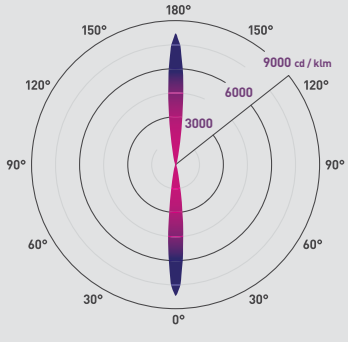
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

ACCESSORIES

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

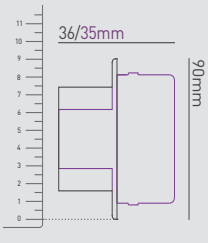
FEATURES & BENEFITS

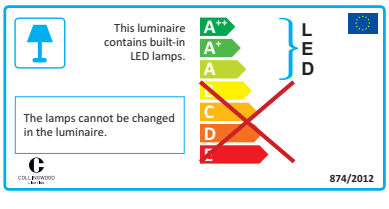
- Straight to mains
- Complete with wall fixings and waterproof crimp connectors
- Pattress box included



MC025 S **4000K 12°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

MC020 S

Up / down mini cuboid LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

12° | 2W | Ø20 | 360° | 39°C | ↳35°C | 150g | ZONE 1 | L70, B10 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

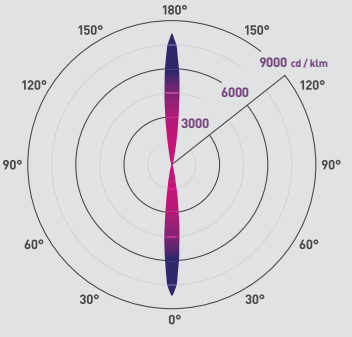
For LED driver bathroom zone & additional LED drivers see page 266

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

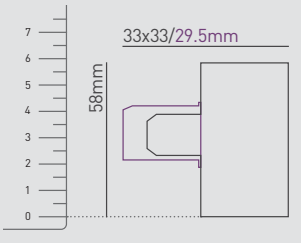
FEATURES & BENEFITS

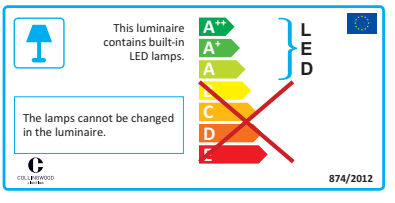
- Bespoke wall plug for easy installation
- Quality brushed aluminium finish
- Requires 20mm drill



4000K 12°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

MC010 S

Mini cube LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

12° | 1W | Ø20 | 360° | 34°C | 35°C | 100g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	12°	MC010 S NW	>70Ra	70	70	1485
3000K	12°	MC010 S WW	>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

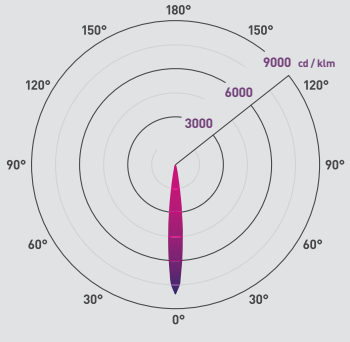
For LED driver bathroom zone & additional LED drivers see page 266

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

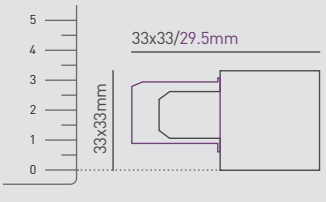
FEATURES & BENEFITS

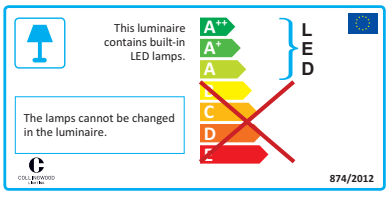
- Bespoke wall plug for easy installation
- Quality brushed aluminium finish
- Requires 20mm drill



4000K 12°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

MF02 IP

Adjustable LED mini light

IP65 Suitable for use outdoors

7 year extended warranty available

16° | 1W | 45° | 360° | <35°C | ↳35°C | 90g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

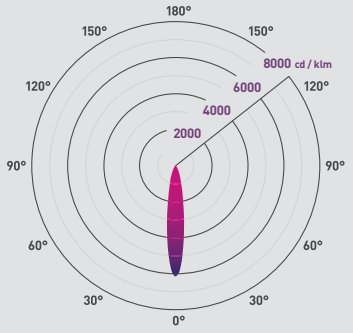
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
WB/M 01 / WB/M 02	Single bracket / Double bracket	162
CR135	PTFE cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
UY2 CONNECTOR	Quick waterproof connector	282

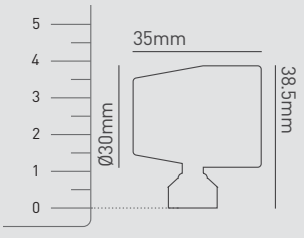
FEATURES & BENEFITS

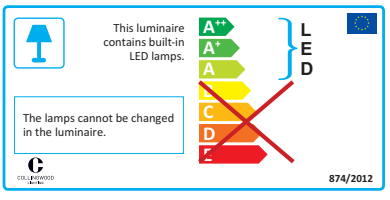
- Mounting plates available
- Can be rotated and angled to direct light



4000K 16°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

MS02 IP

Adjustable LED mini light

IP65 Suitable for use outdoors

7 year extended warranty available

12° | 1W | 45° | 360° | <35°C | <35°C | 90g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

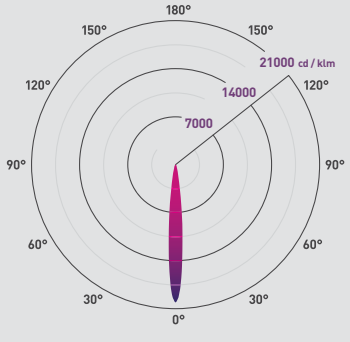
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
WB/M 01 / WB/M 02	Single bracket / Double bracket	162
CR135	PTFE cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
UY2 CONNECTOR	Quick waterproof connector	282

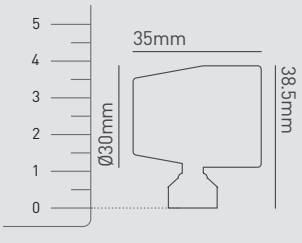
FEATURES & BENEFITS

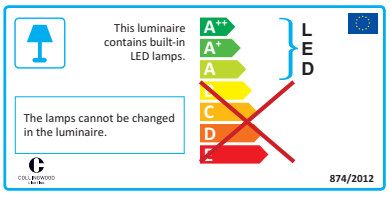
- Mounting plates available
- Can be rotated and angled to direct light



4000K 12°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

ML01

Decorative LED mini light

IP68 Submersible to 9m

7 year extended warranty available

1W | Ø26 | 46°C | 35°C | 50g | 0 ZONE | 70,000h 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

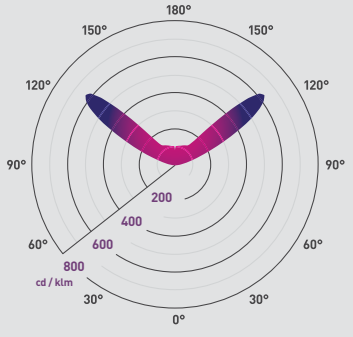
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
CR135	0.205mm² PTFE cable	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
UY2 CONNECTOR	Quick waterproof connector	282

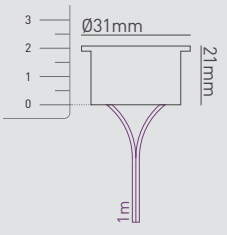
FEATURES & BENEFITS

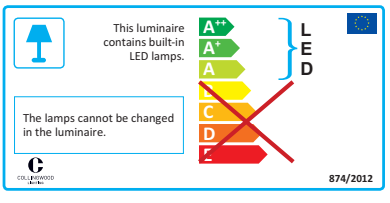
- Small & discreet decorative LED light



4000K

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

ML02

Decorative LED mini light

IP68 Submersible to 9m

7 year extended warranty available

1W | Ø26 | 41°C | ↳35°C | 90g | ZONE 0 | L70, B10 70,000h | 3SDCM

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

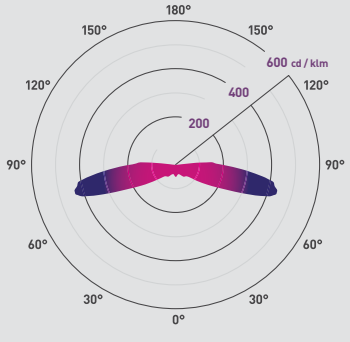
For LED driver bathroom zone & additional LED drivers see page 266

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

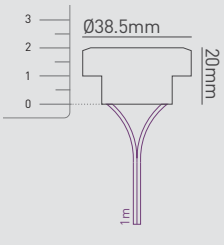
FEATURES & BENEFITS

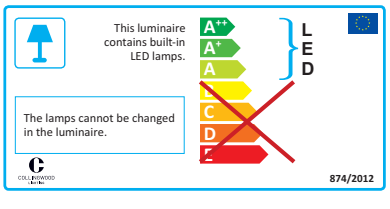
- Clear epoxy lenses
- Small & discreet for decorative effect



4000K

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

ML03

Mini halo LED wall light

IP65 Suitable for use outdoors

7 year extended warranty available

1W | Ø26 | 36°C | ↳30°C | 50g | 1 ZONE | 70,000h 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

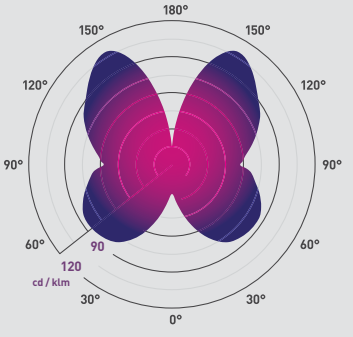
For LED driver bathroom zone & additional LED drivers see page 266

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

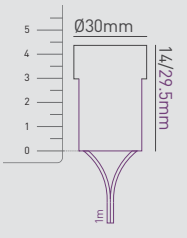
FEATURES & BENEFITS

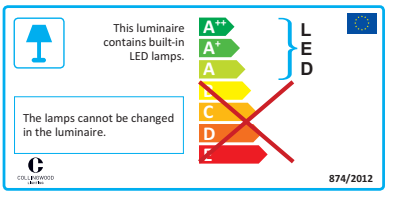
- Low glare, suitable for stair lighting
- Small & discreet for decorative effect



4000K

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

NEW

WL92

Straight to mains general purpose LED bulkhead

IP65 Suitable for use outdoors

E.M Emergency versions available

3yr 3-year guarantee

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

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm		lm/W	lx at 1m
4000K	110°	WL92KC1X40	>85Ra	1620		111	612
	110°	WL92KC1E40	>85Ra	1620	162*	111	612
3000K	110°	WL92KC1X30	>85Ra	1450		99	547
	110°	WL92KC1E30	>85Ra	1450	145*	99	547

* Operating lumens in emergency mode

GENERAL

Construction material	PMMA plastic
Inrush current	7.1A, 0.05ms

WIRING

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

LED DRIVERS

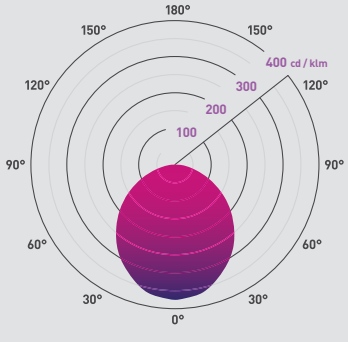
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	2	-	-

ACCESSORIES

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

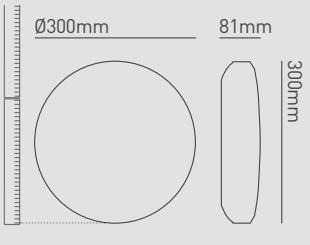
FEATURES & BENEFITS

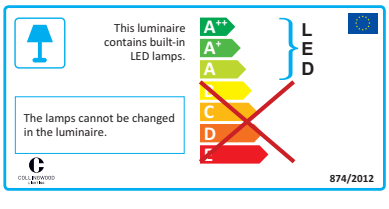
- Ideal for high traffic, corridors, stairwells and general areas
- High efficacy output up to 101lm/W
- Emergency version exceeds min requirement for light output



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





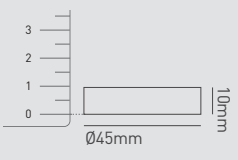
COLLINGWOOD
LIGHTING

WB/M 01
Bracket for MF02 IP & MS02 IP

Product Code	WB/M01
Construction material	Stainless Steel 316
Guarantee	1 year

USE IN CONJUNCTION WITH	
MF02 IP	156
MS02 IP	157

- Complete with wall fixings

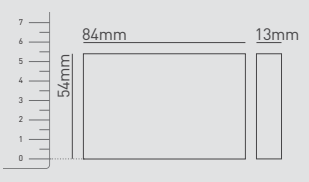


WB/M 02
Bracket for MF02 IP & MS02 IP

Product Code	WB/M02
Construction material	Stainless Steel 316
Guarantee	1 year

USE IN CONJUNCTION WITH	
MF02 IP	156
MS02 IP	157

- Complete with wall fixings

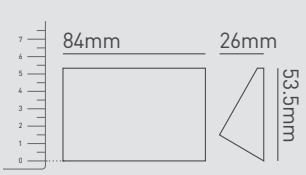


WB/M 02/30°
Angled double bracket for MF02 IP & MS02 IP

Product Code	WB/M 02/30 DEGREE
Construction material	Stainless Steel 316
Guarantee	1 year

USE IN CONJUNCTION WITH	
MF02 IP	156
MS02 IP	157
WB/M BOX	163

- Complete with wall fixings
- 30° angle



COLLINGWOOD
LIGHTING

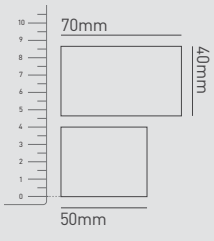
WB/M BOX
Back box for WB/M 02/30°

Product Code	WB/M BOX
Construction material	Steel
Guarantee	1 year

USE IN CONJUNCTION WITH

PS288	**278**
WB/M 02/30°	**162**

- Pattress box wall bracket
- Contains earth connector to house LED Driver



WL050 WALL BOX
Wall box for WL050

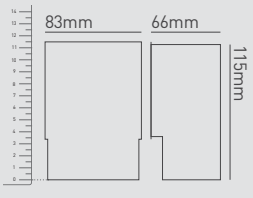
IP20

Product Code	WL050 WALL BOX
Construction material	Steel
Guarantee	1 year

USE IN CONJUNCTION WITH

WL050	**152**

- 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.

	Available in IP20	Available in IP44	Available in IP68	Available in Neutral White (4000K)	Available in Warm White (3000K)	Available in 2700K	No light loss up to 5m	No light loss up to 20m	Can be positioned short distances from the driver	Can be positioned long distances from the driver
Constant current LED strip	●	●	●	●	●	●	●	●	●	●
Constant voltage LED strip	●	●	○	●	●	●	●	○	●	○

WHICH PROFILE & WHERE?

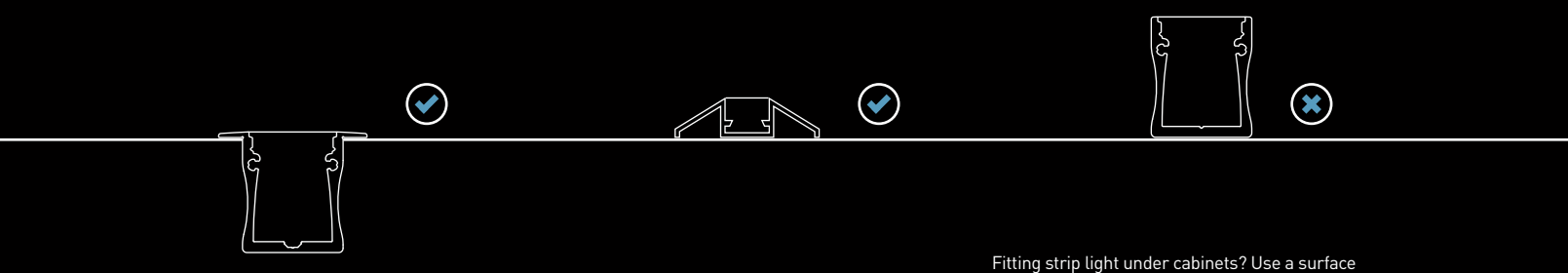
We recommend using profile to provide a clean, flat surface and a professional finish.

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.

LSC05, LSC45

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.

LSV03, LSC03, LSV43, LSC43, LSC83

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.

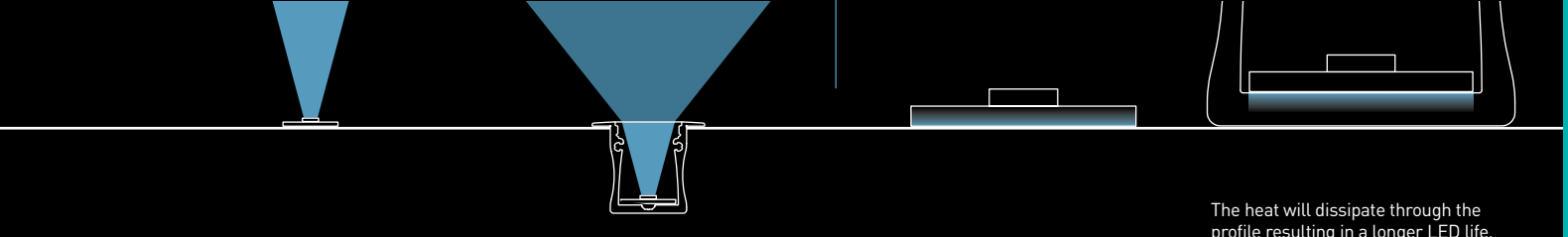
LEDSTRIP IP, LSC83

PROFILE BENEFITS

Light diffusion

No profile

With profile



Light is more focussed resulting in a more concentrated strip of light

Diffuses light to give a wash of light, and hides LEDs

Longer life for LED strip

No profile

With profile

The heat will stay within the product and result in a shorter life for the LED

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.

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.

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.

CR **Current regulated**
There is no light loss over short or long distances.

CV **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		
Up to 5m	2700K	CR LSC05 Page 178
Up to 5m	2700K 3000K 4000K	CR LSC45 Page 179
Up to 5m	2700K 3000K 4000K	CV LSV03 Page 174 / CR LSC03 Page 176
	RGB RGBW	CV LED5050RGB Page 263 / CV LSR05 Page 262
Up to 20m	2700K 3000K 4000K	CR LSC03 Page 176
Up to 5m	2700K 3000K 4000K	CV LSV43 Page 175 / CR LSC43 Page 177
167mm increments	3000K 4000K	CR LEDSTRIP IP Page 181
Up to 5m	2700K 3000K 4000K	CR LSC83 Page 180

For a detailed partcode breakdown

PARTCODE BREAKDOWN

Below is a breakdown of your 10 digit LED strip partcode...

1	2	3	4	5	6	7	8	9	10
L	S	C	0	3	2	7	0	5	0
		V	4	5	3	0	0	4	9
		R	8		4	0	0	4	8
							0	4	7
							0	4	6

1 2 Type of product

LS	LED Strip

3 Wiring

C	Current regulated
V	Constant voltage
R	RGBW

4 IP rating

0	IP20
4	IP44
8	IP68

5 Wattage

3	4.8W
5	14.4W

6 7 LED colour

27	2700K
30	3000K
40	4000K

8 9 10 Length

050	5 metres
049	4.9 metres
048	4.8 metres

This measurement code continues in 100mm increments all the way down to 0.1 metres.

001	0.1 metres

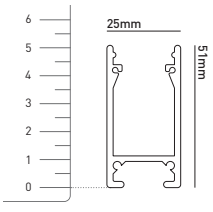
Remember that profiles diffuse light and therefore have a light loss of 25%

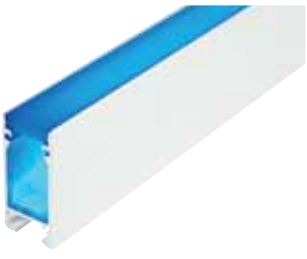
LED STRIP PROFILES
CHOOSING THE RIGHT PROFILE

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 × 51mm deep × 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

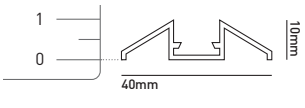
Rubber fixing clips for LINE PROFILE 20MM 1M. Allows LINE PROFILE to be fixed to surfaces.

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.

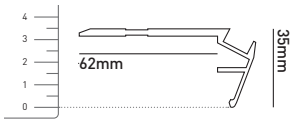
PROFILE 6X12
WALL / FLOOR PROFILE FOR LEDSTRIP IP

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 × 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

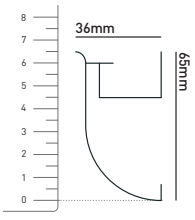
These surface-mounted anodised aluminium profiles are designed to be fitted to the noses of steps. They come in 2m lengths and a choice of finishes (black or silver) to hold the LED strips (LEDSTRIP IP) in place. Just cut the profile to length to give each step a stylish illuminated safety feature.



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



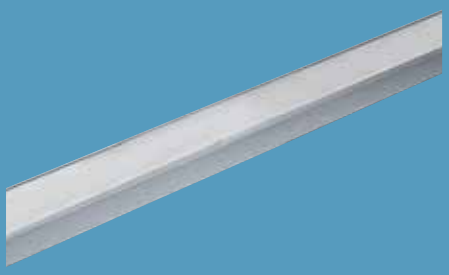
Remember that profiles diffuse light and therefore have a light loss of 25%

Use the profiles on this page with all flexible, self adhesive LED strip

PROFILES & LED STRIP CONNECTORS

USING PROFILES WITH LED STRIP CONNECTORS

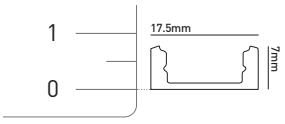
Use the table on the right to find which connectors fit into which profiles.
Please note that if you require the 8mm connector to sit inside the end of the shallow profiles, you may need to cut a small indent into the diffuser, in order to create a seamless finish.



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.

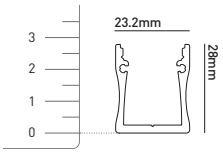
SM7LC

ABS linear connector for SM7 anodised aluminium profile.

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.

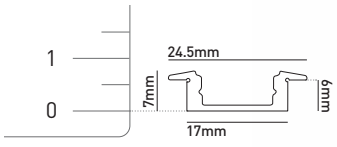
SM28MB

ABS mounting bracket for SM28 anodised aluminium profile.

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.

Use the profiles on this page with all flexible, self adhesive LED strip

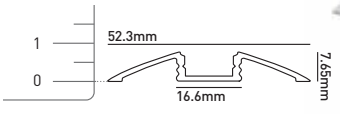
We are constantly updating our products. To ensure you have the most up-to-date information visit **collingwoodlighting.com**

	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.

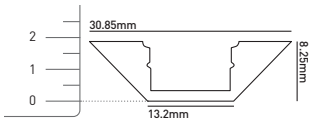
CXECC / CXECD

ABS end cap for CX7 aluminium profile with holding ears. Available with or without cable hole.

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.

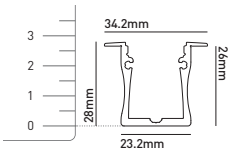
C07MB

Spring steel mounting bracket for C07 anodised aluminium profile.

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.

LSC8 ACCESSORIES
CONNECTORS & EXTENSION LEAD

Use with

LSC83

LED STRIP CONNECTORS
FAST FIX CONNECTORS

Use with

LSV03 with 8mm

LSC03 & LSC05 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.

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.

8MM LED STRIP CONNECTOR
FAST FIX CONNECTOR

For connecting driver to non-IP LED strip lengths, 8mm wide.

Use with

LSV03

LSFC8

8mm 2 pin strip to strip fast fix connector

LSFCS8

8mm 2 pin fast fix connector with 150mm flying leads.

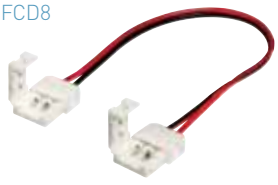
LSFCD8

Strip to strip 8mm 2 pin fast connector with 150mm cables

LSFC8

LSFCS8

LSFCD8



12MM LED STRIP CONNECTORS
FAST FIX CONNECTORS

For extending non-IP LED strip lengths, 12mm wide.

Use with

LSC03, LSC05

LSFC12

12mm 2 pin fast fix connector with no fly leads.

LSFCS12

12mm 2 pin fast fix connector with 150mm flying leads.

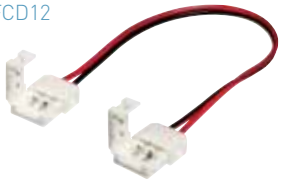
LSFCD12

Double ended 12mm 2 pin fast connector with 150mm cables.

LSFC12

LSFCS12

LSFCD12



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.

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

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.

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

COLLINGWOOD
LIGHTING

LSV03

Constant voltage self-adhesive flexible IP20 strip

IP20 Ideal for use indoors

3yr 3 year guarantee

150° | 4.8W PER METRE | 32°C | ↳35°C | 106g | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	⌒	CRI	lm	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

GENERAL

Construction material	Flexible tape

WIRING

Cable/flying lead	Supplied with 250mm flying lead
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

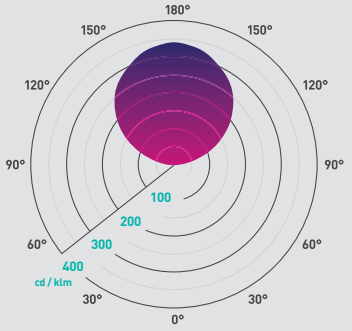
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
LSFC8 / LSFCS8 / LSFCD8	Range of fast fix connectors for use with LSV03	172
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
LED COVE PACK	Coving to house adhesive strip	169
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

FEATURES & BENEFITS

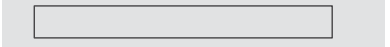
- Can be easily cut on site with cut points every 100mm. Use in conjunction with LSFC8, LSFCS8 and LSFCD8 connectors
- Supplied in branded packaging for easy display
- Ideal for short lengths up to 5m
- Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- 3M self-adhesive backing
- NB: Cutting to required length will render this product non-returnable



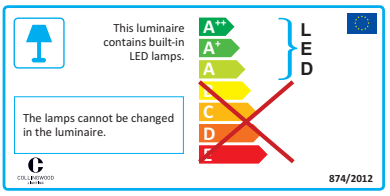
4000K 150°

Additional diagrams available at **collingwoodlighting.com**

5m (cut point every 100mm)



8mm



COLLINGWOOD
LIGHTING

LSV43

Constant voltage self-adhesive flexible IP44 strip

BESPOKE Bespoke length cutting service available

IP44 Splashproof

3yr 3 year guarantee

150° | 4.8W PER METRE | 35°C | 10g/m | 2 ZONE | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	⌓	CRI	lm	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

Bathroom zone applicable to fitting only

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

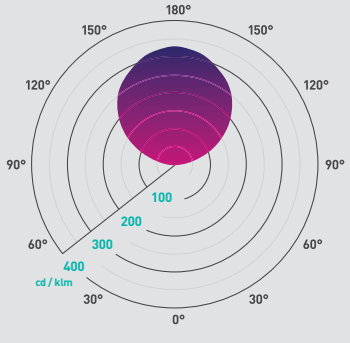
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
LED COVE PACK	Coving to house adhesive strip	169
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

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

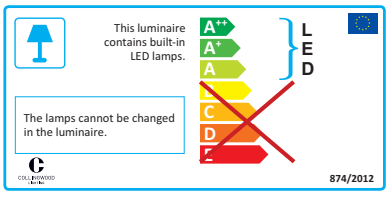


4000K 150°

Additional diagrams available at **collingwoodlighting.com**

5m (cut point every 100mm)

8mm



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 PER METRE | 32°C | ½ 35°C | 10g/m | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		CRI	lm	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

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

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

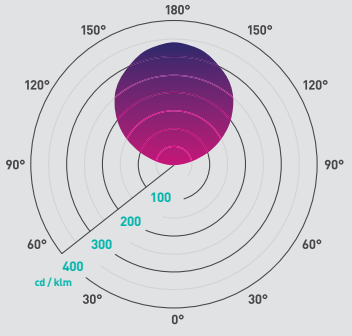
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
LSFC12 / LSFCS12 / LSFCD12	Range of fast fix connectors for use with LSC03	172
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
LED COVE PACK	Coving to house adhesive strip	169
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

FEATURES & BENEFITS

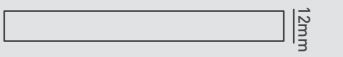
- Cut point every 100mm
- 250mm flying leads attached (reel)
- High quality LED strip using current regulation
- Next generation strip. Long lengths (up to 20m) suffer no light loss
- Foil backed flexible PCB dissipates heat (improves LED life and colour stability)
- 3M self-adhesive backing
- Supplied in customised lengths (0.1m up to 19.9m in 0.1m increments)
- NB: Cutting to required length will render this product non-returnable

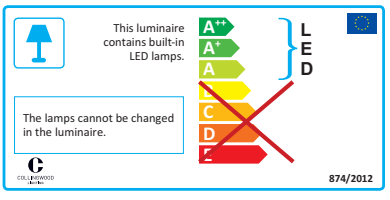


4000K 150°

Additional diagrams available at **collingwoodlighting.com**

20m/5m (cut point every 100mm)





COLLINGWOOD
LIGHTING

LSC43

Current regulated self-adhesive flexible splash-proof strip

BESPOKE Bespoke length cutting service available

IP44 Splashproof

3yr 3 year guarantee

150° | 4.8W PER METRE | 32°C | 10g/m | 2 ZONE | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	⌓	CRI	lm	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

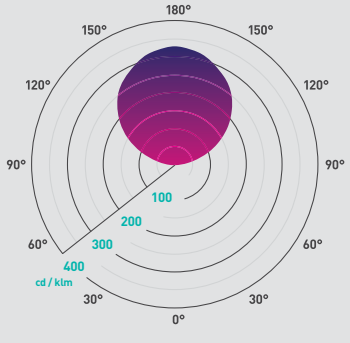
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

FEATURES & BENEFITS

- Hardwearing 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

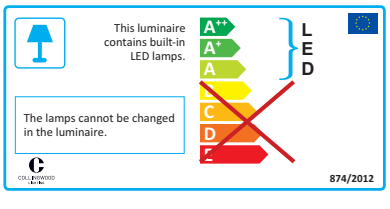


4000K 150°

Additional diagrams available at **collingwoodlighting.com**

5m (cut point every 100mm)

12mm



COLLINGWOOD
LIGHTING

LSC05

Current regulated self-adhesive flexible strip

BESPOKE — Bespoke length cutting service available

IP20 — Ideal for use indoors

3yr — 3 year guarantee

150° | 14.4W PER METRE | 32°C | 10g/m | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	⌒	CRI	lm	lm/W	lx @ 1m
2700K	150°	>80Ra	887	61	244

REEL ORDER CODES

LSC0527050	5m reel of 2700K LSC05 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	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
PS5024	-	Yes	Yes (PDCINT1-10V)	-	3m
PSDIP10024	-	Yes	Yes	-	5m
PSIP24024	-	Yes	Yes (PDCINT1-10V)	-	3x5m

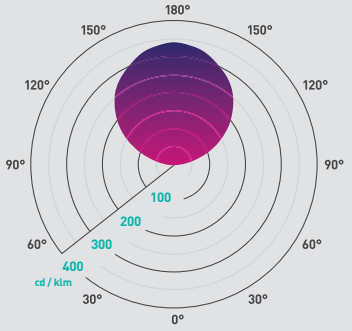
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
LSFC12 / LSFCS12 / LSFCD12	Range of fast fix connectors for use with LSC05	172
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
LED COVE PACK	Coving to house adhesive strip	169
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274

FEATURES & BENEFITS

- High quality LED strip using current regulation
- Next generation strip. Long lengths suffer no light loss
- Cut point every 100mm
- 250mm fly leads attached (reel)
- 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

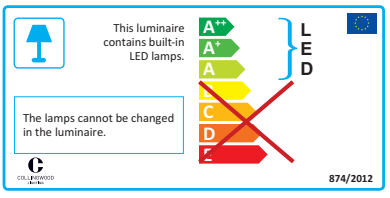


2700K 150°

Additional diagrams available at **collingwoodlighting.com**

5m (cut point every 100mm)

12mm



COLLINGWOOD
LIGHTING

LSC45

Current regulated self-adhesive high output LED flexible splashproof strip

BESPOKE Bespoke length cutting service available

IP44 Splashproof

3yr 3 year guarantee

W Also available in RGB & RGBW See page **262-263**

150° | 14.4W PER METRE | 32°C | 10g/m | 2 ZONE | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	∧	CRI	lm	lm/W	lx @ 1m
4000K	150°	>85Ra	965	67	267
3000K	150°	>85Ra	810	56	237
2700K	150°	>85Ra	810	56	237

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

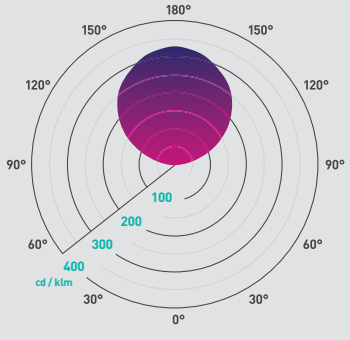
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

FEATURES & BENEFITS

- Hardwearing 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.

A++ A+ A C D E LED

874/2012

COLLINGWOOD
LIGHTING

LSC83

Current regulated IP68 waterproof strip

BESPOKE — Bespoke length cutting service available

IP68 — Submersible to 1.5m

3yr — 3 year guarantee

120° | 4.8W PER METRE | 32°C | ½35°C | 50g/m | 0 ZONE * Bathroom zone 1 if dimming | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour	⌓	CRI	lm	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 or 200 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

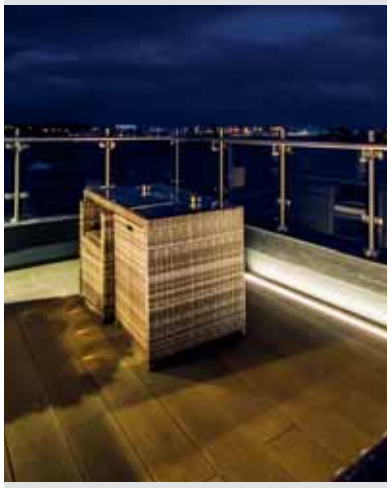
For LED driver bathroom zone & additional LED drivers see page 266

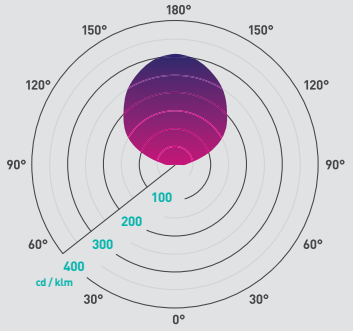
ACCESSORIES

Product code	Description	
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274
LSC8PWL	1.8m cable, male IP68 (submersible to 1.5m) connector & end terminal	172
LSC8EXT	1m IP68 (submersible to 1.5m) extension lead with male/female connectors	172
JB6	Inline gel filled cable connector IP68 (submersible to 1.3m)	283

FEATURES & BENEFITS

- Hardwearing 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





4000K 120°

Additional diagrams available at **collingwoodlighting.com**

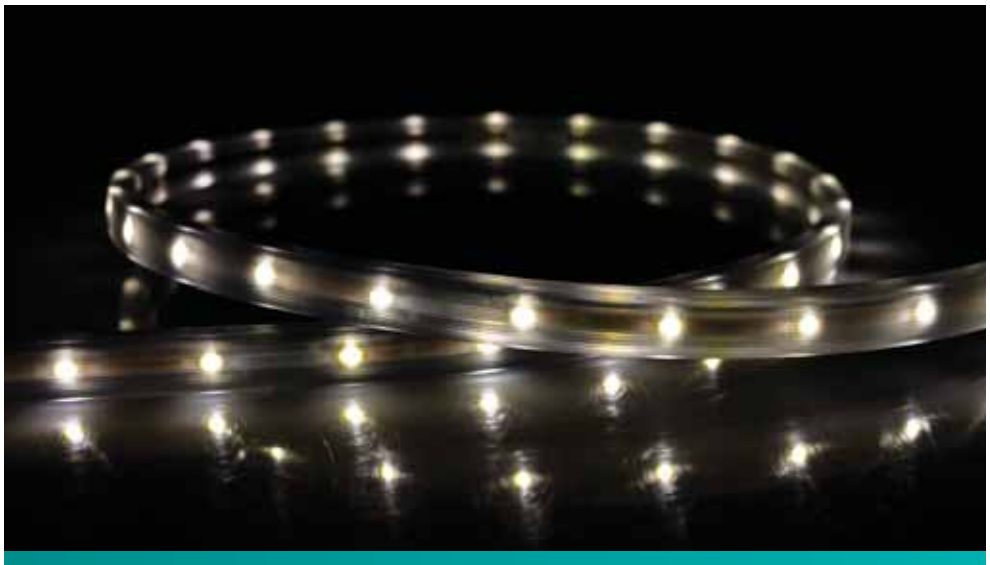
This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++ A+ A B C D E — LED

874/2012

COLLINGWOOD
LIGHTING



LEDSTRIP IP

Flexible waterproof LED strip

IP66 Protected against powerful jets of water

1 yr 1 year guarantee

130° | 2.9W PER METRE | 37°C | 35°C | 100g/m | 1 ZONE | 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

NB: Products cut to specific requirements are non-returnable

Colour		Product code	CRI	lm	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

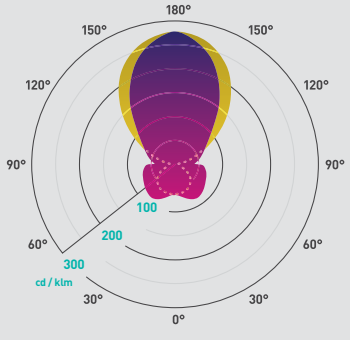
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

Product code	Description	
CONNECTOR 6X12 / 5M	450mm/5m IP rated connector set for LEDSTRIP IP	173
CON EXT M/F 6X12	Extension lead for LEDSTRIP IP	173
CONNECTOR L, T, X 6X12	Connectors for LEDSTRIP IP	173
PDCINT1-10V	1-10V dimming interface for use with 24V LED drivers	274
LED STRIP PROFILES	Profile range to house LEDSTRIP IP	169

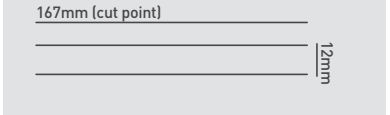
FEATURES & BENEFITS

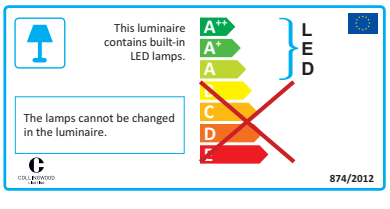
- Cut point every 167mm
- Range of wall & floor profiles available
- Suitable for indoor & outdoor use



4000K 130°

Additional diagrams available at **collingwoodlighting.com**





RETAIL RANGE

To create dynamic retail and hospitality environments

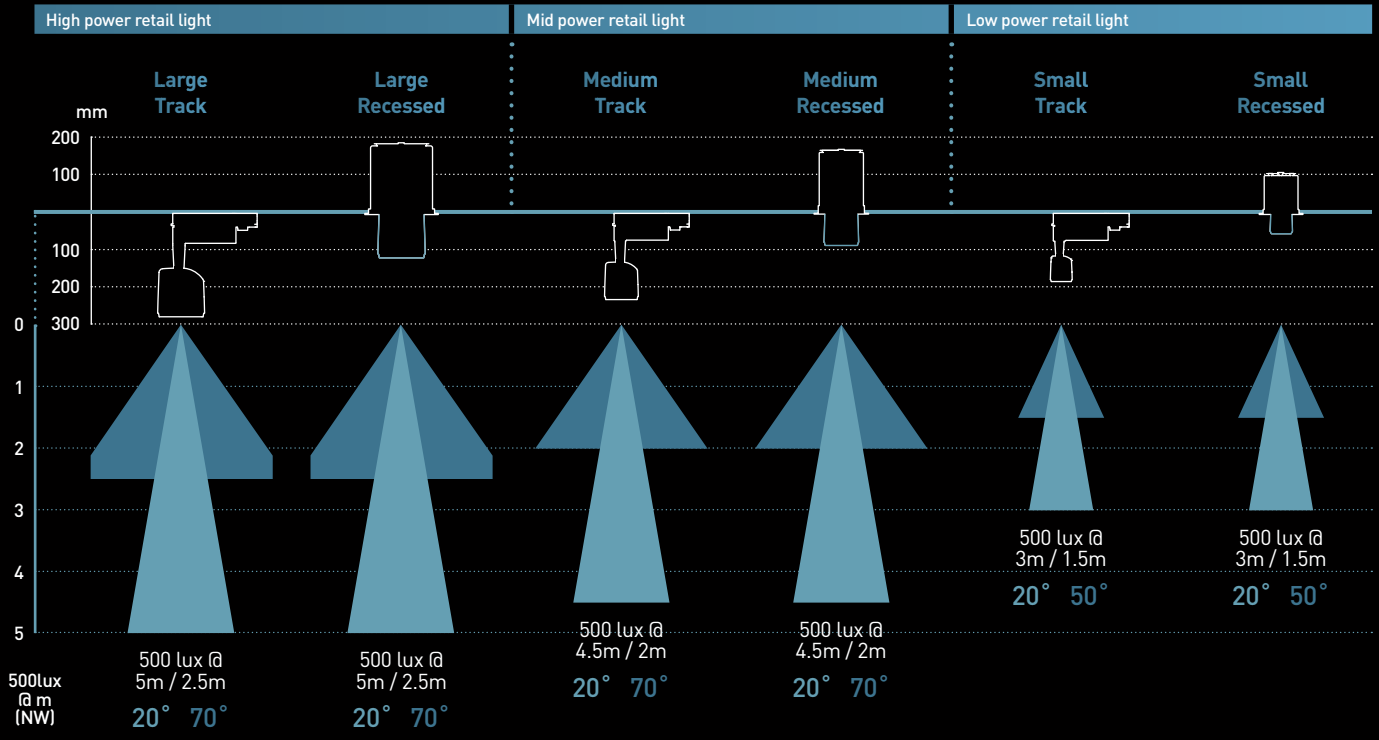
PRODUCT FAMILY

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.

Track Lighting | Round Recessed | Square Recessed

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

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.

Conventional retail lighting
Materials may appear washed out or 'yellowed'.

LUXEON CrispWhite Technology
Show off the true vibrant colours of materials.

HONEYCOMB

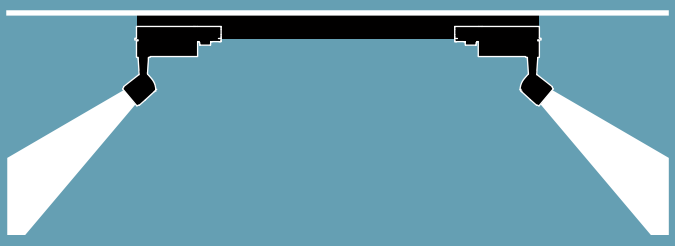
To illuminate areas of heavy traffic i.e. pay points, or customer service desks add this honeycomb insert to provide a diffused light.

BUILDING YOUR TRACK
CONSTRUCTING YOUR GRID

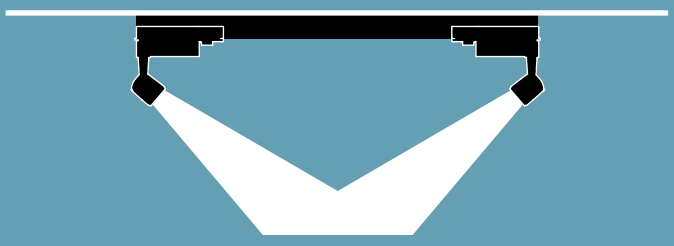
Retail displays are constantly changing. The flexible nature of track lighting ensures that merchandise will be beautifully lit wherever displays are positioned. The lighting moves along a purpose-built grid with the ability to rotate and tilt ensuring optimum flexibility.

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.

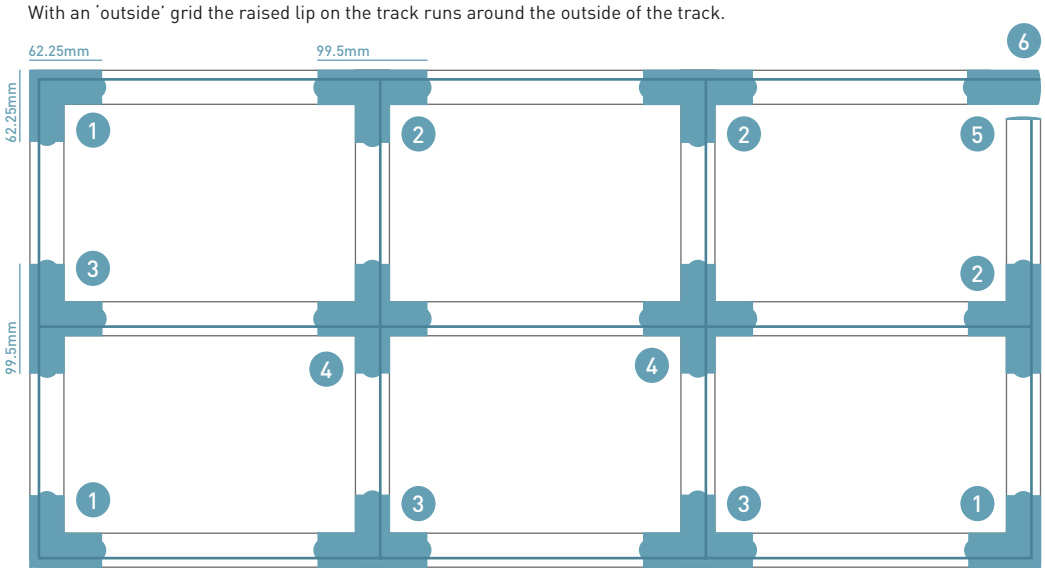


If the majority of merchandise is displayed under the grid then you will need to set up an 'inside' grid.



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.

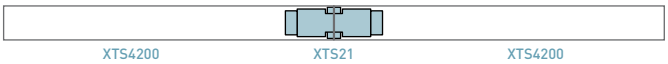
Use T-connector '2' opposite T-connector '3' to ensure the mains pole lines up

Track length options

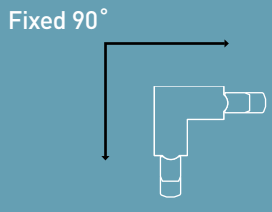
Track is supplied in 1m and 2m lengths, this can be cut to shorter lengths to suit the installation. When cutting track use a bending tool to bend the internal copper cores into position to allow for an electrical connection.

BENDING TOOL
XTSV12

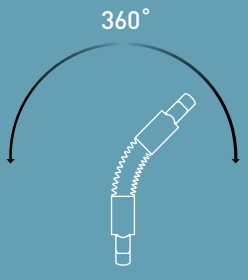
Extend sections of track using a straight connector. It sits concealed within the track, without adding extra length, for a neat and tidy finish.



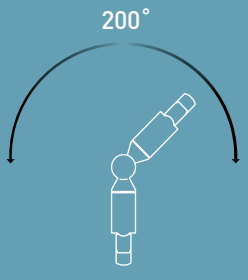
To increase the flexibility of the grid there are 3 different types of corner connector...



L - CONNECTOR
XTS34 / XTS35



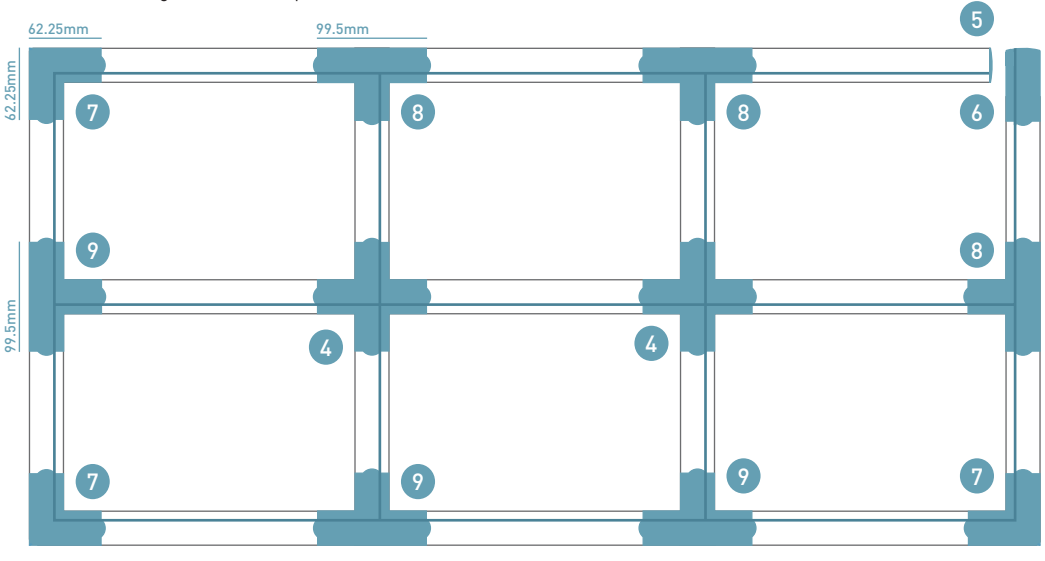
FLEXIBLE CONNECTOR
XTS23



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.

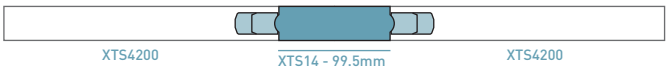
4

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

or

SPW1
Wire suspension set (1.5m)

Silver: SPW11
Black: SPW12
White: SPW13

Use with: SP4R

and

SKB11R
Recessed ceiling clamp

Silver: SKB11R1
Black: SKB11R2
White: SKB11R3

Use with: SPW1 (optional)

3 Which track do I need?

Don't forget your connector end feed & end cap.

Surface or suspension track

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

and

XTS41
End cap

Silver: XTS411
Black: XTS412
White: XTS413

Use with: All track

4 Choose the right connectors for your grid.

Don't forget to consider if the grid is an 'outside' or an 'inside' grid.

Connectors

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

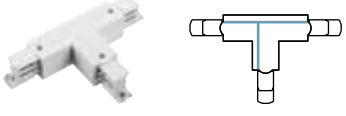
Use with: All track

T-connectors (outside grids only)

XTS39
T-connector

Silver: XTS391
Black: XTS392
White: XTS393

Use with: All track

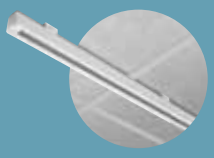


XTS36
T-connector mirror

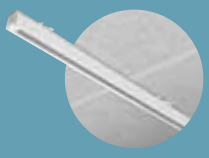
Silver: XTS361
Black: XTS362
White: XTS363

Use with: All track

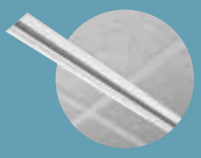
Suspension mount
To suspend track from the ceiling.



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)

Silver: SPW11
Black: SPW12
White: SPW13
Use with: SKB11R

and

SKB11R
Recessed ceiling clamp

Silver: SKB11R1
Black: SKB11R2
White: SKB11R3
Use with: SPW1 (optional)

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

Silver: XTS111
Black: XTS112
White: XTS113
Use with: All track

and

XTS41
End cap

Silver: XTS411
Black: XTS412
White: XTS413
Use with: All track

Corners (outside grids only)

XTS35
L-connector mirror

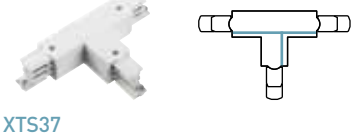
Silver: XTS351
Black: XTS352
White: XTS353
Use with: All track

Corners (inside grids only)

XTS34
L-connector

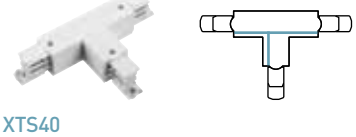
Silver: XTS341
Black: XTS342
White: XTS343
Use with: All track

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

5

Additional components

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

Bending tool

XTSV12
Bending tool

XTSV12
Use with: All track

COLLINGWOOD
LIGHTING

LARGE TRACK

Large 38W LED track light

IP20 Ideal for use indoors

7 year extended warranty available

20 | 70° · 38W · 240V · 90° · 355° · <60°C · 40°C · 1.22kg · 70,000h L70, B50 · 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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	-

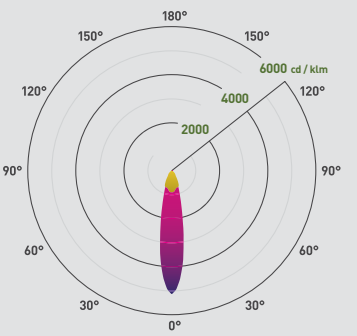
ACCESSORIES

Product code	Description	
TRACK ACCESSORIES	Global™ lighting track and accessories	186
RHCL*	Glare reducing honeycomb baffle	191

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

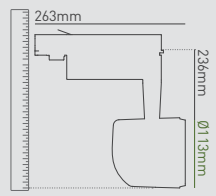
FEATURES & BENEFITS

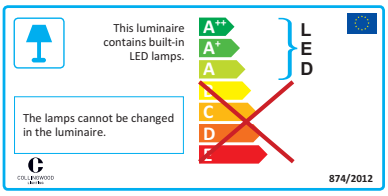
- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Compatible with Global™ 3 circuit track
- Available in white, silver and black finishes
- Choice of colour temperatures and beam angles



4000K 20° / **4000K 70°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

MEDIUM TRACK

Medium 31W LED track light

IP20 Ideal for use indoors

7 year extended warranty available

20 | 70° · 31W · 240V · 90° · 355° · <60°C · ↳40°C · 820g · 70,000h L70, B50 · 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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	-

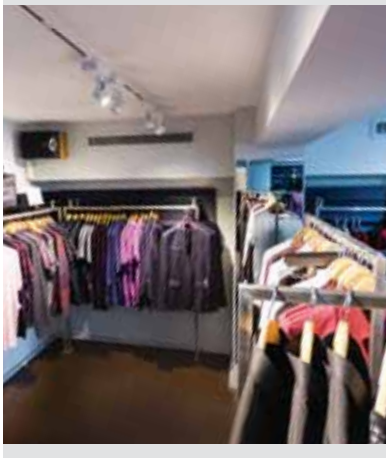
ACCESSORIES

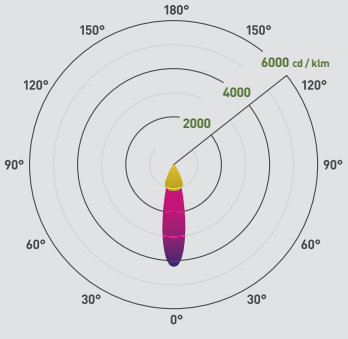
Product code	Description	
TRACK ACCESSORIES	Global™ lighting track and accessories	186
RHCM*	Glare reducing honeycomb baffle	191

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

FEATURES & BENEFITS

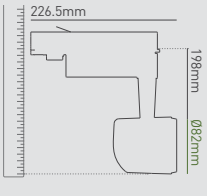
- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Compatible with Global™ 3 circuit track
- Available in white, silver and black finishes
- Choice of colour temperatures and beam angles





4000K 20° / **4000K 70°**

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

COLLINGWOOD
LIGHTING

SMALL TRACK

Small 16W LED track light

IP20 Ideal for use indoors

7 year extended warranty available

20 | 50° · 16W · 240V · 90° · 355° · <60°C · ½40°C · 420g · 70,000h L70, B50 · 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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

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	-

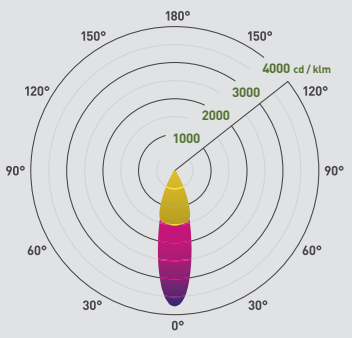
ACCESSORIES

Product code	Description	
TRACK ACCESSORIES	Global™ lighting track and accessories	186
RHCS*	Glare reducing honeycomb baffle	191

* Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

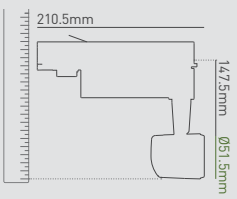
FEATURES & BENEFITS

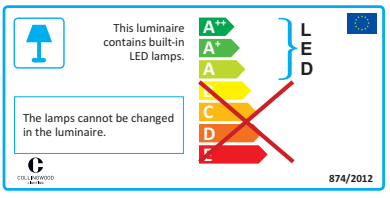
- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Compatible with Global™ 3 circuit track
- Available in white, silver and black finishes
- Choice of colour temperatures and beam angles



4000K 20° / **4000K 50°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

RHCL | RHCM | RHCS

Glare reducing honeycomb baffle

1yr 1 year guarantee

RHCL RHCM RHCS

PRODUCT DATA

Product code	RHCL	(Large)
	RHCM	(Medium)
	RHCS	(Small)

GENERAL

Construction material	Steel / aluminium

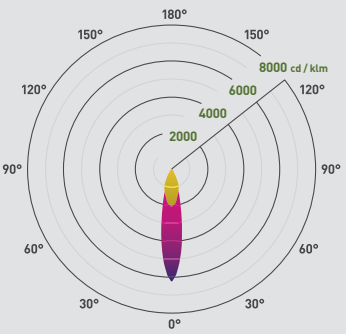
USE IN CONJUNCTION WITH

RHCL	RHCM	RHCS
RDSL	RDSM	RDSS
SQSL	SQSM	SQSS
LARGE TRACK	MEDIUM TRACK	SMALL TRACK

FEATURES & BENEFITS

- Add this honeycomb insert to the Collingwood retail products to provide a diffused light
- To illuminate areas of heavy traffic i.e. pay points or customer service desks

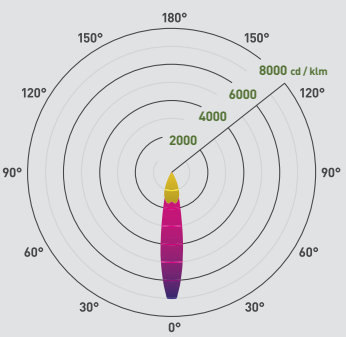
RDSL | SQSL | LARGE TRACK



4000K 20° / **4000K 70°**

Additional diagrams available at **collingwoodlighting.com**

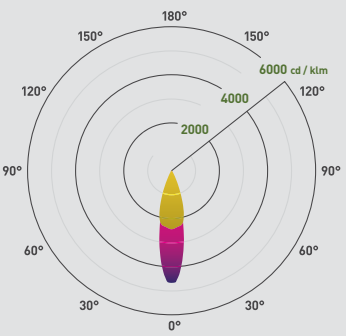
RDSM | SQSM | MEDIUM TRACK



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

RDSL

Large round recessed 32W adjustable LED downlight

IP20 Ideal for use indoors

7 year extended warranty available

20° 70° | 32W | Ø175 | 90° | 355° | <60°C | ½40°C | 1.76kg | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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°	RDSLSIL2040	>90Ra	2800	88 (73)*	12950
	Silver	70°	RDSLSIL7040	>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°	RDSLSIL2030	>90Ra	2100	66 (55)*	10300
	Silver	70°	RDSLSIL7030	>90Ra	2100	66 (55)*	1850
	White	20°	RDSLWH2030	>90Ra	2100	66 (55)*	10300
	White	70°	RDSLWH7030	>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 276-281

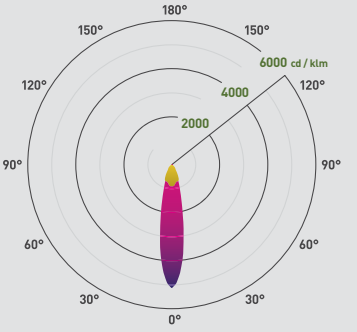
ACCESSORIES

Product code	Description	
RHCL†	Glare reducing honeycomb baffle	191
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

† Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

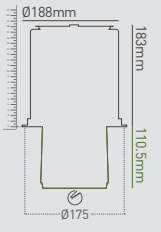
FEATURES & BENEFITS

- 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



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.

A++ A+ A B C D E LED

874/2012

COLLINGWOOD
LIGHTING

SQSL

Large square recessed 32W adjustable LED downlight

IP20 Ideal for use indoors

7 year extended warranty available

20 | 70° · 32W · 160x160 · 90° · 355° · <60°C · ½40°C · 1.92kg · 70,000h L70, B50 · 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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 276-281

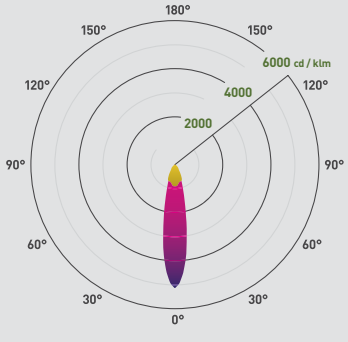
ACCESSORIES

Product code	Description	
RHCL†	Glare reducing honeycomb baffle	191
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

† Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

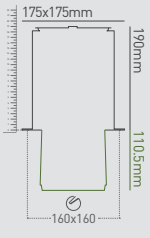
FEATURES & BENEFITS

- 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



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.

A++ A+ A C D E LED

874/2012

COLLINGWOOD
LIGHTING

RDSM

Medium round recessed 26W adjustable LED downlight

IP20 Ideal for use indoors

7 year extended warranty available

20 | 70° · 26W · Ø130 · 90° · 355° · <60°C · ½40°C · 1.08kg · 70,000h L70, B50 · 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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/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 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 276-281

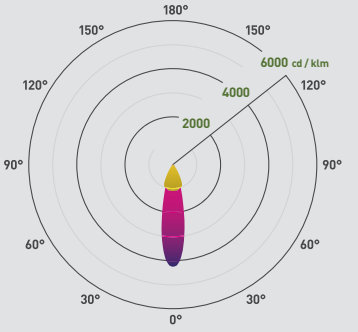
ACCESSORIES

Product code	Description	
RHCM†	Glare reducing honeycomb baffle	191
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

† Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

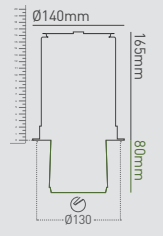
FEATURES & BENEFITS

- 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



4000K 20° / **4000K 70°**

Additional diagrams available at **collingwoodlighting.com**



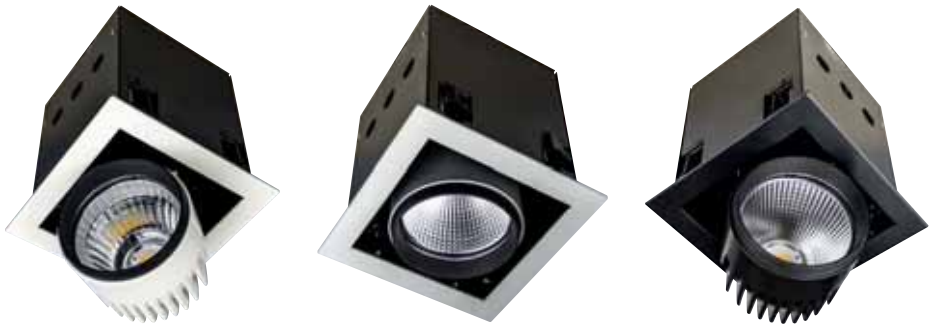
This luminaire contains built-in LED lamps.

The lamps cannot be changed in the luminaire.

A++ A+ A B C D E LED

874/2012

COLLINGWOOD
LIGHTING



SQSM

Medium square recessed 26W adjustable LED downlight

IP20 Ideal for use indoors

7 year extended warranty available

20 70° | 26W | 125x125 | 90° | 355° | <60°C | ↳40°C | 1.26kg | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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)

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 276-281

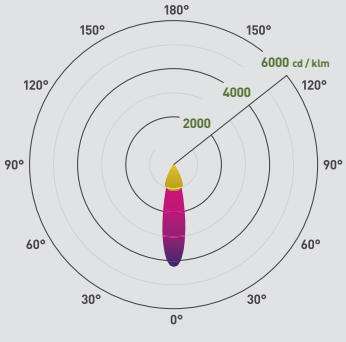
ACCESSORIES

Product code	Description	
RHCM†	Glare reducing honeycomb baffle	191
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

† Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

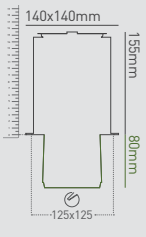
FEATURES & BENEFITS

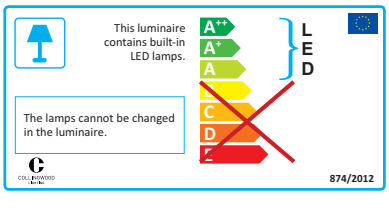
- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Choice of colour temperatures and beam angles
- Ideal for retail and hospitality environments



4000K 20° / **4000K 70°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

RDSS

Small round recessed 13W adjustable LED downlight

IP20 Ideal for use indoors

7 year extended warranty available

20° 50° | 13W | Ø100 | 90° | 355° | <60°C | ½40°C | 460g | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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/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 276-281

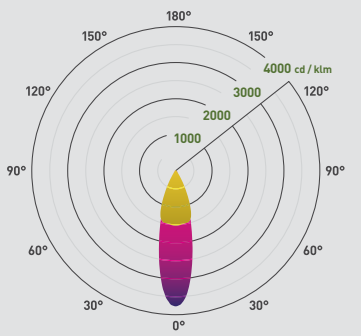
ACCESSORIES

Product code	Description	
RHCS†	Glare reducing honeycomb baffle	191
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

† Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

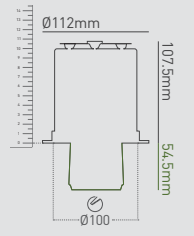
FEATURES & BENEFITS

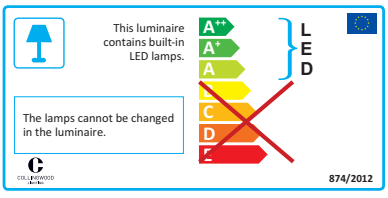
- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Choice of colour temperatures and beam angles
- Ideal for retail and hospitality environments



4000K 20° / **4000K 50°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

SQSS

Small square recessed 13W adjustable LED downlight

IP20 Ideal for use indoors

7 year extended warranty available

20 | 50° · 13W · 90x90 · 90° · 355° · <60°C · ↳40°C · 540g · 70,000h L70, B50 · 3SDCM

PHOTOMETRICS @ 25°C

LUXEON CrispWhite technology applicable to 3000K option only

Colour	Finish	⌒	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 276-281

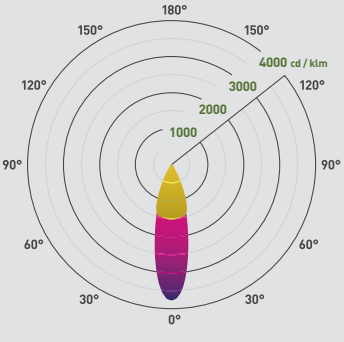
ACCESSORIES

Product code	Description	
RHCS†	Glare reducing honeycomb baffle	191
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

† Use of honeycomb baffle will narrow beam angle and reduce light output by 40%

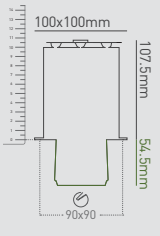
FEATURES & BENEFITS

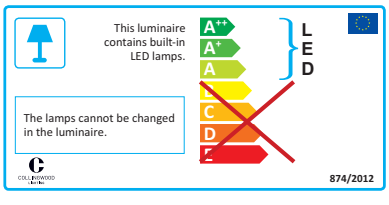
- Fully adjustable luminaire. Direct light as required
- LUXEON CrispWhite technology makes white materials fluoresce (3000K only) and the >90Ra CRI makes colours bolder
- Choice of colour temperatures and beam angles
- Ideal for retail and hospitality environments



4000K 20° / **4000K 50°**

Additional diagrams available at **collingwoodlighting.com**





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.

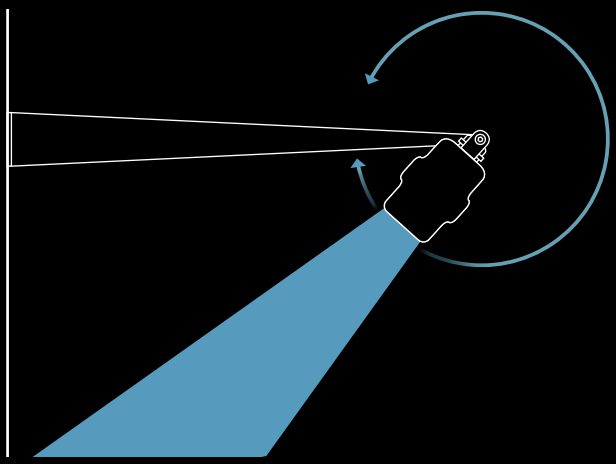
UL030

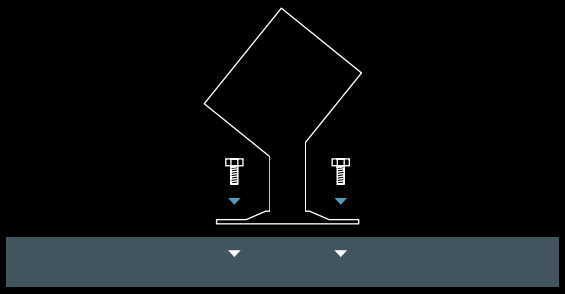
UL010

They can be mounted on most surfaces where recessing fittings is not possible.

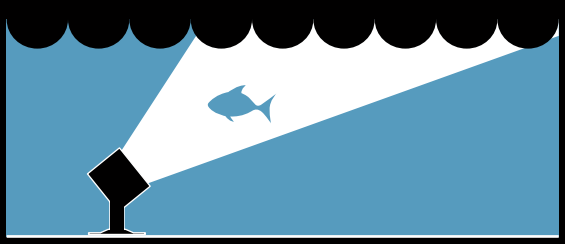
UL BRACKET

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.

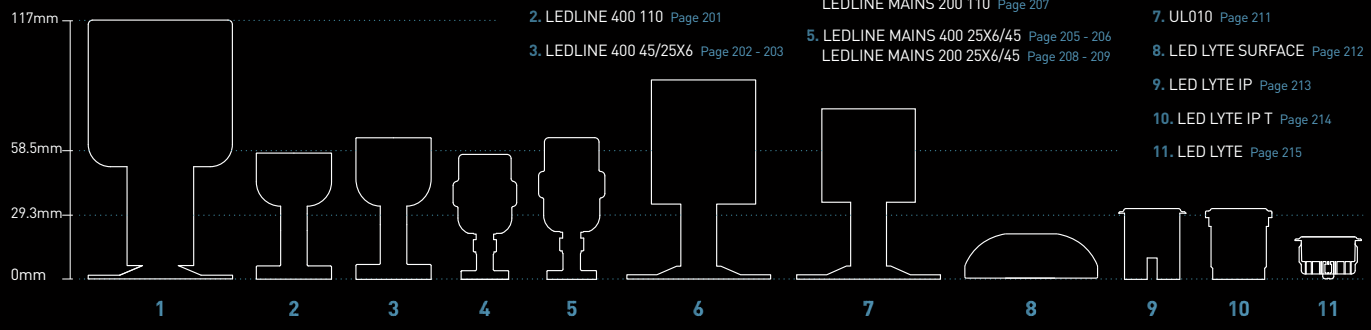




The UL030 and the UL010 are both fully submersible to 9m, and can be used to highlight pond life and other water features.



SIZE COMPARISON



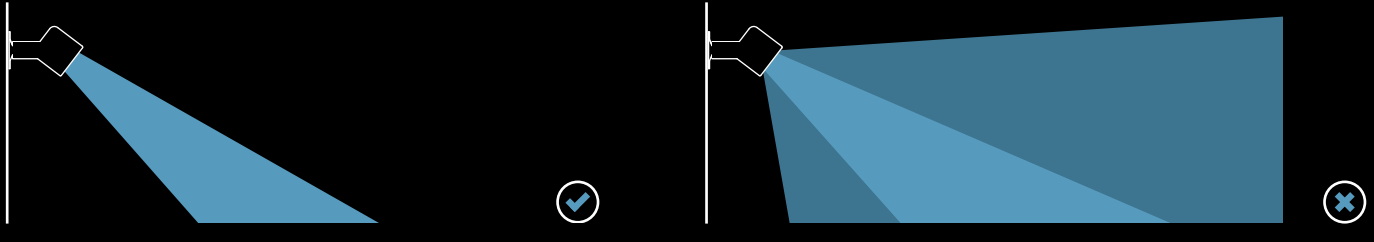
1. FL200 Page 200
2. LEDLINE 400 110 Page 201
3. LEDLINE 400 45/25X6 Page 202 - 203
4. LEDLINE MAINS 400 110 Page 204
   LEDLINE MAINS 200 110 Page 207
5. LEDLINE MAINS 400 25X6/45 Page 205 - 206
   LEDLINE MAINS 200 25X6/45 Page 208 - 209
6. UL030 Page 210
7. UL010 Page 211
8. LED LYTE SURFACE Page 212
9. LED LYTE IP Page 213
10. LED LYTE IP T Page 214
11. LED LYTE Page 215

Surface mount universal lights | Recessed universal lights

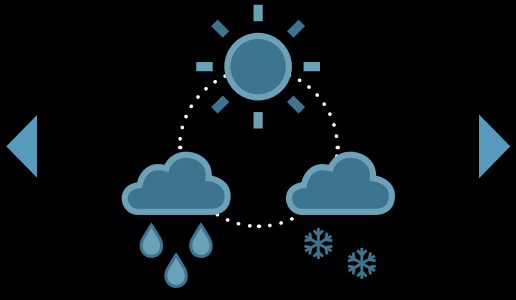
ELLIPTICAL LIGHTS - THE FL200

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.



Weathering over time

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.

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

FL200

Dimmable linear LED flood light

IP65 Ideal for use outdoors

7 year extended warranty available

50° | 21W | 240V | 180° | 360° | <40°C | ½ 35°C | 1.3kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

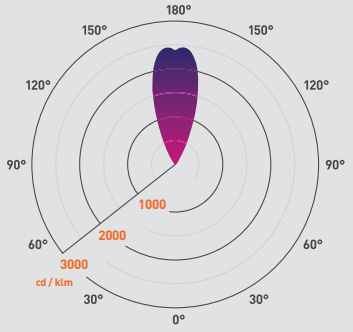
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	700	Yes (mains)	2	-	-

ACCESSORIES

Product code	Description	
DM298GRID	LED mains grid dimmer	97

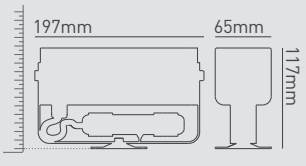
FEATURES & BENEFITS

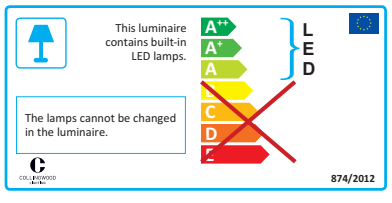
- Complete with wall fixings
- Straight to mains
- Mains waterproof connector included
- MAX 3 on 500W mains dimmer
  MAX 5 on 1000W mains dimmer
- Compatible with many leading lighting control systems



4000K 50°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE 400 110

110° LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

Also available in RGB See page **253**

110° | 16W | 180° | 45°C | ½40°C | 800g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

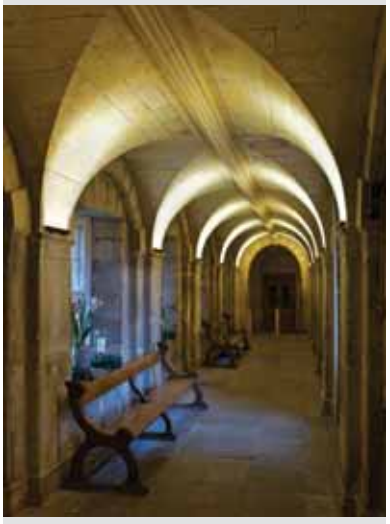
For LED driver bathroom zone & additional LED Drivers see page **266**

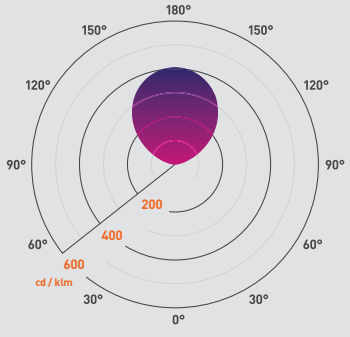
ACCESSORIES

Product code	Description	
JB4 / JB6	Gel filled junction box	**283**
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	**282**
WCR 275 BLACK	2 core rubber cable	**283**
ULBRACKET	2 piece black anodised aluminium bracket	**216**

FEATURES & BENEFITS

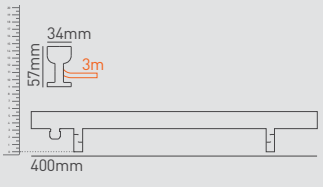
- Robust cable for permanent use outdoors
- Wide beam angle ideal for wall wash

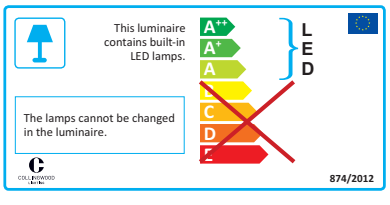




4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE 400 25x6

25x6° LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

Also available in RGB See page **254**

25x6° | 16W | 180° | 41°C | ↳40°C | 930g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

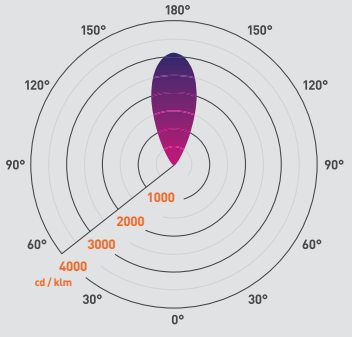
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB4 / JB6	Gel filled junction box	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
WCR 275 BLACK	2-Core rubber cable	283
ULBRACKET	2 piece black anodised aluminium bracket	216

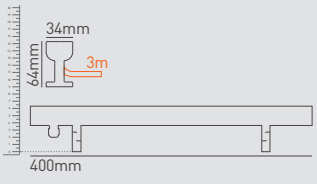
FEATURES & BENEFITS

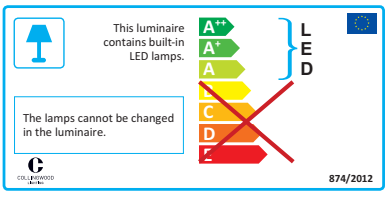
- Asymmetric beam angle for distance wall wash
- Robust cable for permanent use outdoors



4000K 25x6°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE 400 45

45° LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

Also available in RGB See page **255**

45° | 16W | 180° | 53°C | ½40°C | 930g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

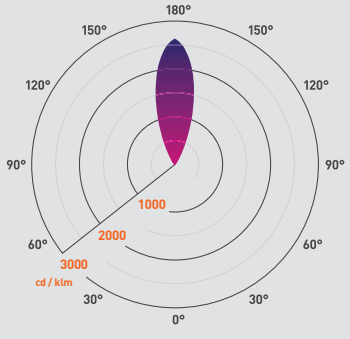
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB4 / JB6	Gel filled junction box	283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
WCR 275 BLACK	2-Core rubber cable	283
ULBRACKET	2 piece black anodised aluminium bracket	216

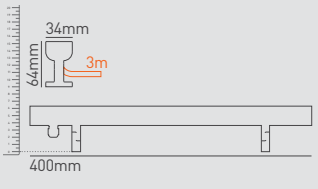
FEATURES & BENEFITS

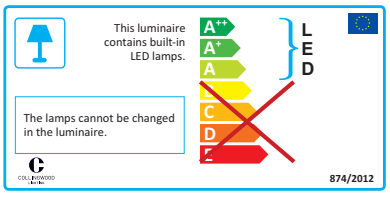
- 45˚ beam angle ideal for mid level wall wash
- Robust cable for permanent use outdoors



4000K 45°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

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 | ½35°C | 1.28kg | 2 ZONE | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

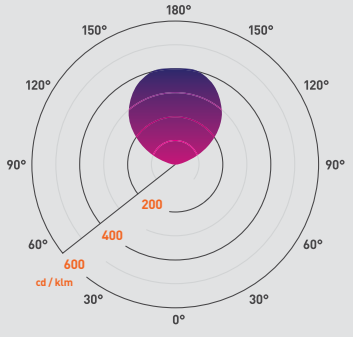
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	700	No	2	-	-

ACCESSORIES

Product code	Description	
ULBRACKET	2 piece black anodised aluminium bracket	216

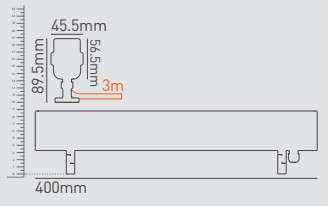
FEATURES & BENEFITS

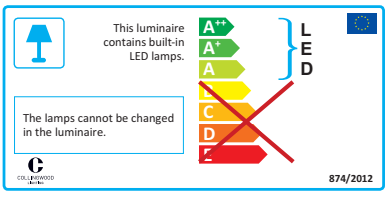
- Wide beam angle ideal for wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE MAINS 400 25x6°

25x6° straight to mains LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

25x6° | 19W | 240V | 180° | IK02 | <60°C | ½35°C | 1.44kg | 2 ZONE | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

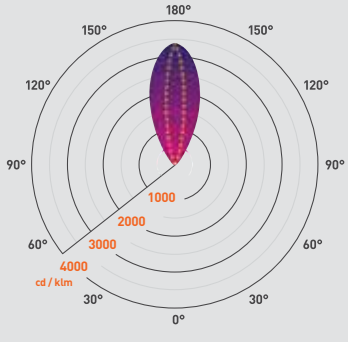
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	700	No	2	-	-

ACCESSORIES

Product code	Description	
ULBRACKET	2 piece black anodised aluminium bracket	216

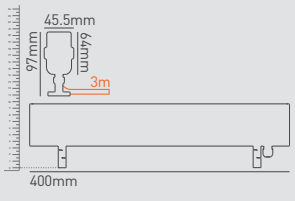
FEATURES & BENEFITS

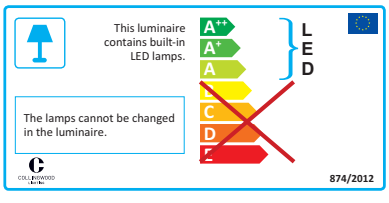
- Asymmetric beam angle for distance wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors



4000K C0/C180 / **4000K C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE MAINS 400 45°

45° straight to mains LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

45° | 19W | 240V | 180° | IK02 | <60°C | ½35°C | 1.44kg | 2 ZONE | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

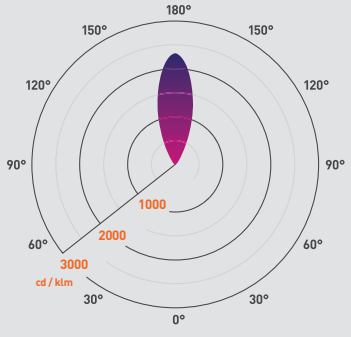
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	700	No	2	-	-

ACCESSORIES

Product code	Description	
ULBRACKET	2 piece black anodised aluminium bracket	216

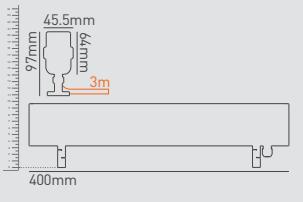
FEATURES & BENEFITS

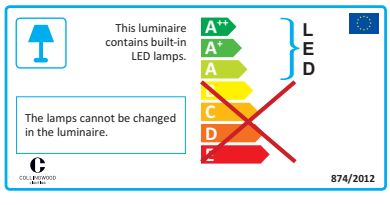
- 45° beam angle ideal for mid level wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors



4000K 45°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE MAINS 200 110°

110° straight to mains LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

110° | 10W | 240V | 180° | IK02 | <60°C | ½35°C | 820g | 2 ZONE | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

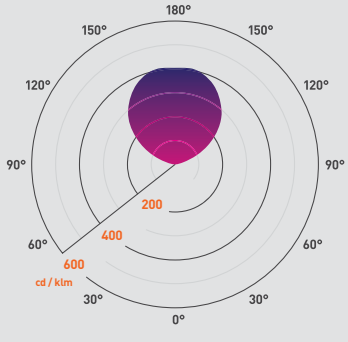
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	700	No	2	-	-

ACCESSORIES

Product code	Description	
ULBRACKET	2 piece black anodised aluminium bracket	216

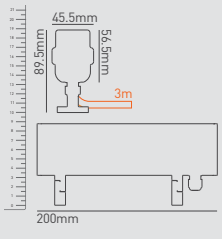
FEATURES & BENEFITS

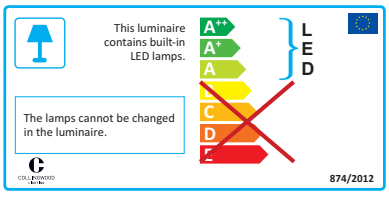
- Wide beam angle ideal for wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE MAINS 200 25x6°

25x6° straight to mains LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

25x6° | 10W | 240V | 180° | IK02 | <60°C | ½ 35°C | 900g | 2 ZONE | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

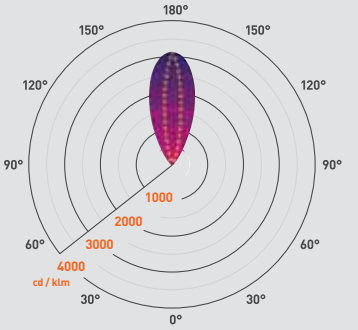
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	700	No	2	-	-

ACCESSORIES

Product code	Description	
ULBRACKET	2 piece black anodised aluminium bracket	216

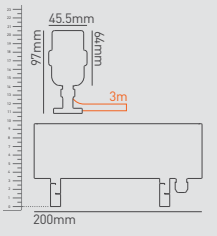
FEATURES & BENEFITS

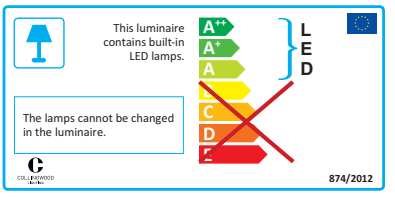
- Asymmetric beam angle for distance wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors



4000K C0/C180 / **4000K C90/C270**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LEDLINE MAINS 200 45°

45° straight to mains LED wall washing light bar

IP65 Ideal for use outdoors

7 year extended warranty available

45° | 10W | 240V | 180° | IK02 | <60°C | ½ 35°C | 900g | 2 ZONE | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

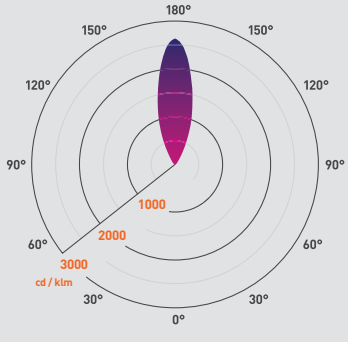
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	700	No	2	-	-

ACCESSORIES

Product code	Description	
ULBRACKET	2 piece black anodised aluminium bracket	216

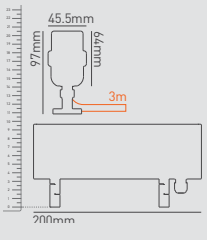
FEATURES & BENEFITS

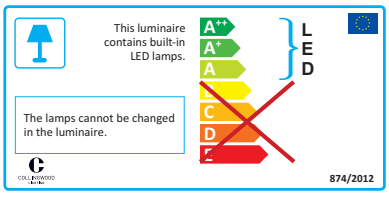
- 45˚ beam angle ideal for mid level wall wash
- Mains driver built in for quick installation
- Robust cable for permanent use outdoors



4000K 45°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

UL030

High output universal LED light

IP68 Submersible to 9m

7 year extended warranty available

Also available in RGB See page **256**

18° | 7W | 360° | 360° | 54°C | t_s 35°C | 700g | ZONE 0 | L70, B10 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

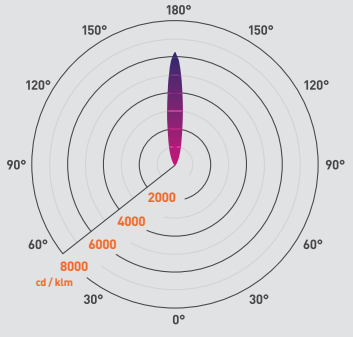
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB2 / JB4	Waterproof junction box / Gel filled waterproof connector	282-283
PDC/GRIDDIMMER	Grid dimmer kit for multiple fitting types	282
WCR 275 BLACK	2 Core rubber cable	283

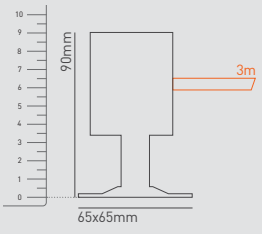
FEATURES & BENEFITS

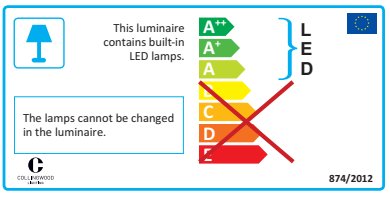
- Complete with wall fixings
- Equivalent to 35W Halogen
- Tilt & rotate for adjusting light
- Robust cable for use outdoors



4000K 18°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

UL010
Universal LED light

IP68 Submersible to 9m

7 year extended warranty available

Also available in RGB See page **257**

18° | 3W | 360° | 360° | 40°C | 35°C | 500g | ZONE 0 | L70, B10 70,000h | 3SDCM

PHOTOMETRICS @ 25°C

Colour		Product code	CRI	lm	lm/W	lx at 1m
4000K	18°	U010 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

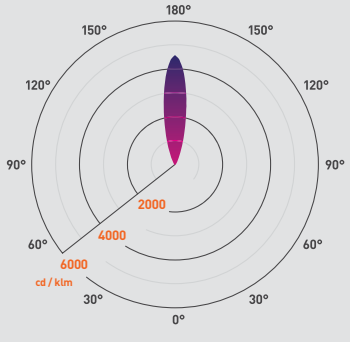
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4	Waterproof junction box / Gel filled waterproof connector	282-283
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282
WCR 275 BLACK	2 Core rubber cable	283

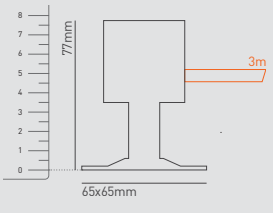
FEATURES & BENEFITS

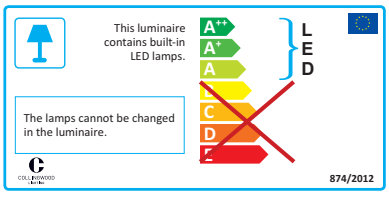
- Complete with wall fixings
- Robust cable for use outdoors
- Tilt & rotate for adjusting light



4000K 18°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LED LYTE SURFACE

Surface mount LED mini light

IP65 Ideal for use outdoors

7 year extended warranty available

110° | 1W | 36°C | ½35°C | 90g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

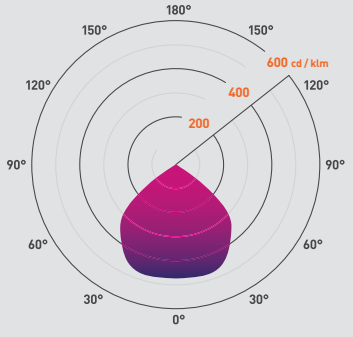
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	216
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	216
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

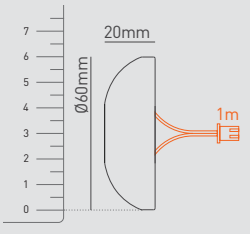
FEATURES & BENEFITS

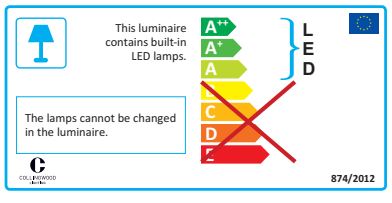
- Plug & Play connector for quick installation
- Complete with wall fixings
- Small & discreet, ideal for under cabinet lighting



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LED LYTE IP

IP rated mini LED flood light

IP65 Ideal for use outdoors

7 year extended warranty available

110° | 1W | Ø26 | 40°C | ½ 35°C | 40g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

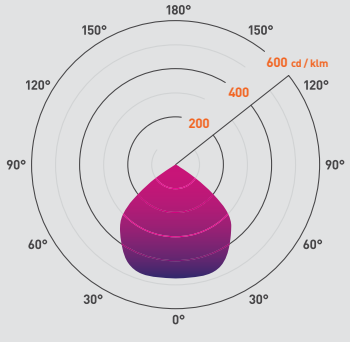
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	216
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	216
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

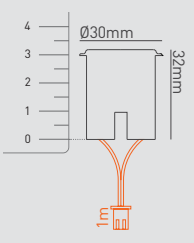
FEATURES & BENEFITS

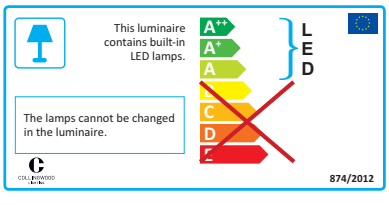
- Plug & Play connector for quick installation
- Small & discreet
- Ideal for decorative lighting



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LED LYTE IP T

IP rated threaded mini LED light

IP65 Ideal for use outdoors

7 year extended warranty available

110° | 1W | Ø26 | 40°C | ↳35°C | 40g | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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

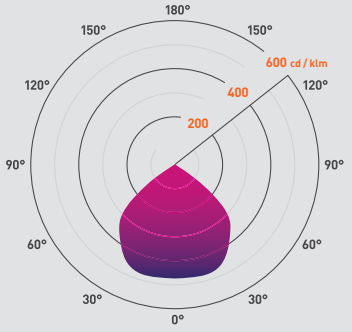
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	216
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	216
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

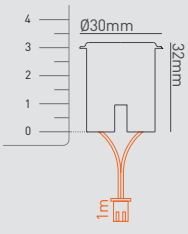
FEATURES & BENEFITS

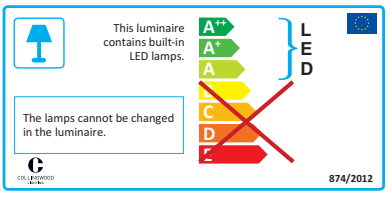
- Plug & Play connector for quick installation
- Thread and nut for secure fitting
- Small & discreet



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

LED LYTE

Mini LED downlight

7 year extended warranty available

110° | 1W | Ø26 | 39°C | ↳35°C | 20g | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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 (0.205mm² 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	9
PLR/350 1-5	350	Yes	No	-	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	-	1	10

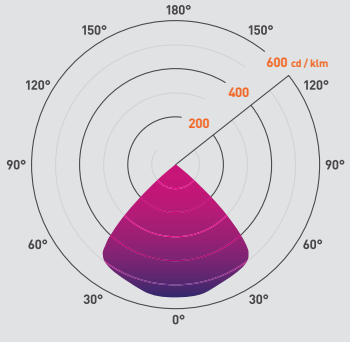
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
LED LYTE 1M EXT	1m Plug & Play extension lead	216
LED LYTE 6 WAY EXT	6 way 1m Plug & Play extension lead	216
PDC/GRID DIMMER	Grid dimmer kit for multiple fitting types	282

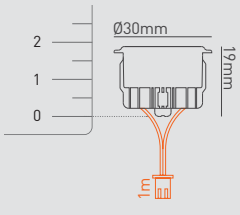
FEATURES & BENEFITS

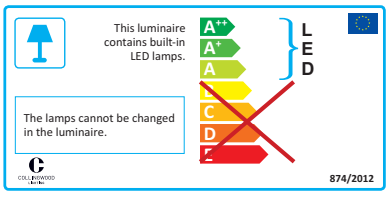
- Plug & Play connector for quick installation
- Small & discreet
- Ideal for decorative lighting



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

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	105
DL130	105
LED LYTE	215
LED LYTE IP	213
LED LYTE IP T	214
LED LYTE SURFACE	212
PLU/PP/350 1-9	278
WL050	152

- 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

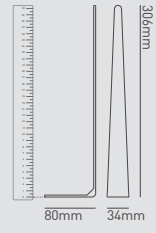
Anodised aluminium bracket for LEDLINE range

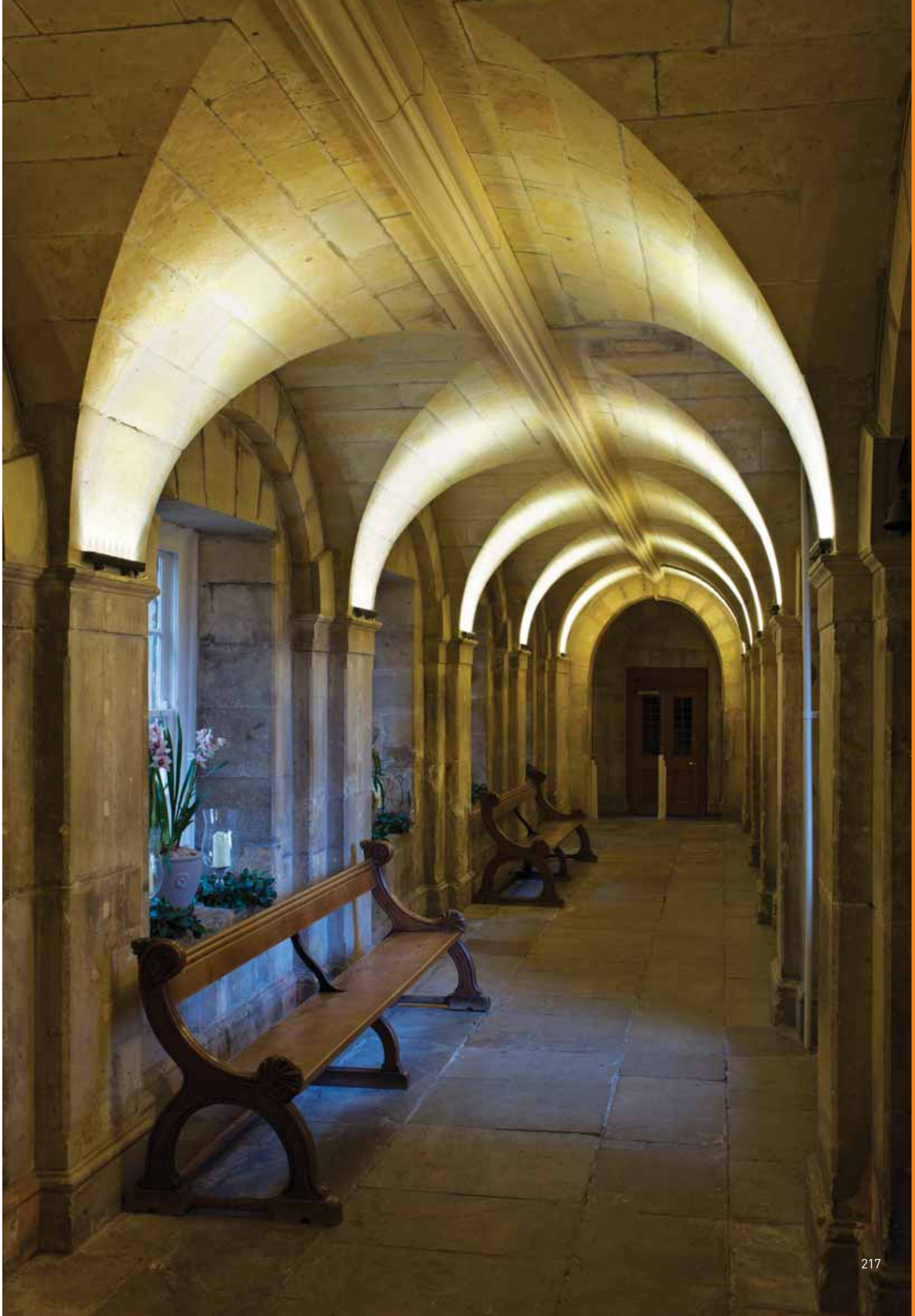
150g

Product Code	ULBRACKET
Construction material	AL6063 Aluminium
Guarantee	1 year

USE IN CONJUNCTION WITH	
LEDLINE 400 110	201
LEDLINE 400 25X6	202
LEDLINE 400 45	203
LEDLINE MAINS 400 110	204
LEDLINE MAINS 400 25X6	205
LEDLINE MAINS 400 45	206
LEDLINE MAINS 200 110	207
LEDLINE MAINS 200 25X6	208
LEDLINE MAINS 200 45	209
UL345CARGB	253
UL346CARGB	254
UL347CARGB	255

- Supplied with fixtures & fittings





SPIKE LIGHTS

To create engaging outdoor spaces

CHOOSE YOUR EFFECT

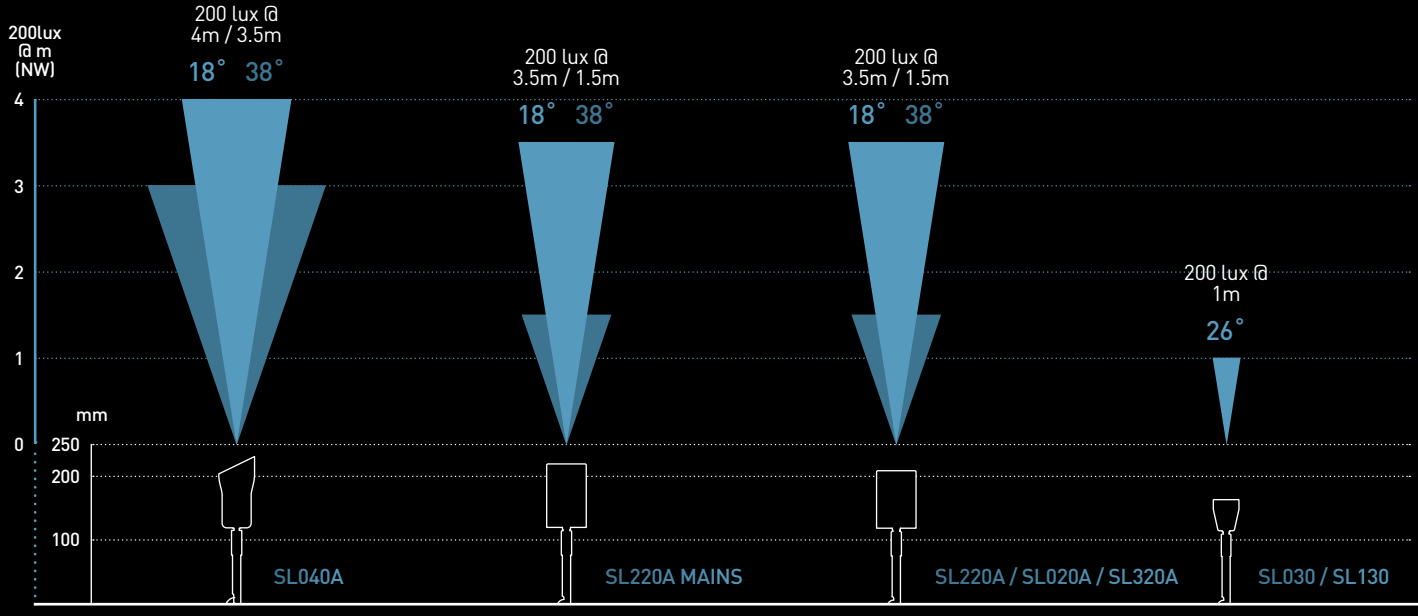
Use spike lights to; illuminate pathways, highlight mid-level planting or to pick out features within a garden.

Pathways

Mid-level planting

Features

PRODUCT COMPARISON



 All spike lights continue 240mm under the surface.

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 **282-283**

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

LAYERING LIGHT

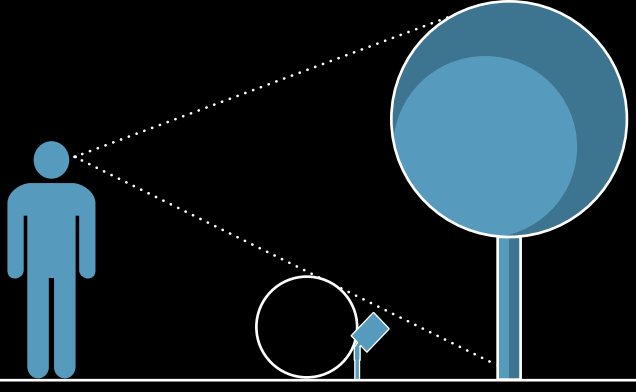
Spike lights work well as the main focus of an outdoor lighting scheme but also work equally well in spreading the focus throughout an installation. Combine different effects using these versatile fittings to light features at different levels, to create a scheme with depth and interest. Pathway lighting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

Light confined to one area

Light spread across installation

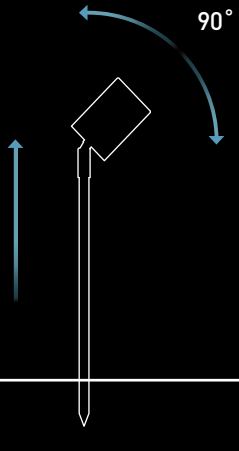
DISCREET LIGHTING

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

SL040A

High output LED spike light

IP65 Ideal for use outdoors

7 year extended warranty available

18 | 38° · 7W · 90° · 42°C · ½ 35°C · 600g · 1 ZONE · 70,000h L70, B10 · 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

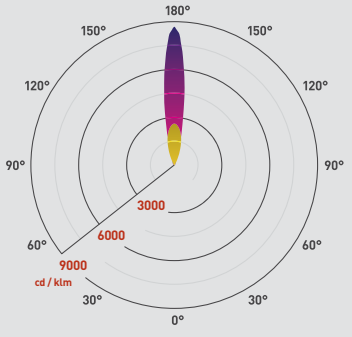
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	282-283
WCR 275 BLACK	2-Core rubber cable	283
PDC GRID DIMMER	1-10V dimmer module	282

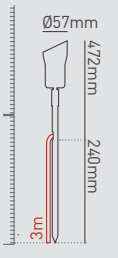
FEATURES & BENEFITS

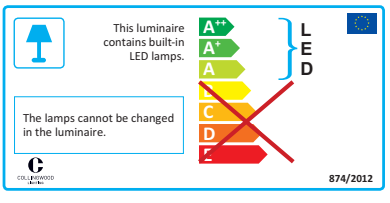
- Equivalent to 35W halogen
- Long spike included for extra stability
- Robust cable for outdoor use



4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

SL220A MAINS

Straight to mains LED spike light

IP65 Ideal for use outdoors

3 year extended warranty available

18|38° | 3.6W | 240V | 90° | 40°C | 35°C | 700g | 2 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

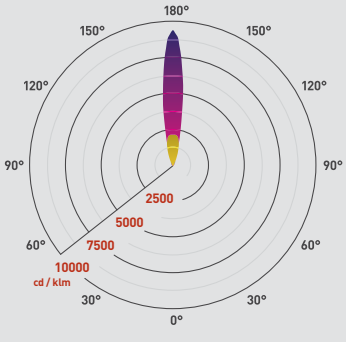
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (integrated SELV driver)	-	No	-	-	-

ACCESSORIES

Product code	Description	
JB5	Gel filled waterproof connector	283

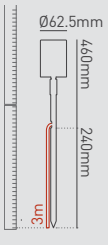
FEATURES & BENEFITS

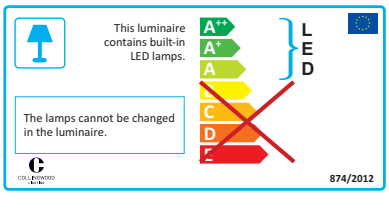
- Equivalent to 20W halogen
- Robust cable for outdoor use
- Straight to mains



4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

SL220A | SL020A BLK

3W LED spike light

IP65 Ideal for use outdoors

3 year extended warranty available

Also available in RGB See page **261**

18 | 38° · 3W · 90° · 40°C · 35°C · 700g · 1 ZONE · 70,000h L70, B10 · 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour	∧	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
PL/IP/350 1-5	350	Yes	No	1	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	3

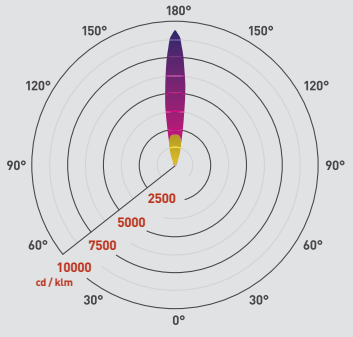
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	282-283
WCR 275 BLACK	2-Core rubber cable	283
PDC GRID DIMMER	1-10V dimmer module	282

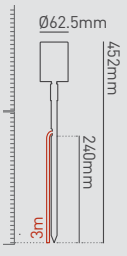
FEATURES & BENEFITS

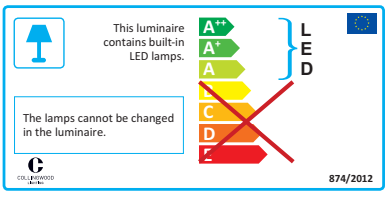
- Equivalent to 20W halogen
- Long spike included for extra stability
- Robust cable for outdoor use



4000K 18° / **4000K 38°**

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

SL320A

3W copper LED spike light

IP65 Ideal for use outdoors

3 year extended warranty available

38° | 3W | 90° | 40°C | ½ 35°C | 1.7kg | 1 ZONE | 70,000h L70, B10 | 3SDCM

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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

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
PL/IP/350 1-5	350	Yes	No	1	1	1
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	3

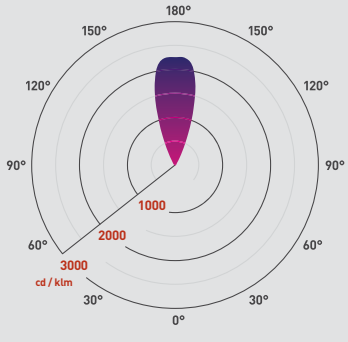
For LED driver bathroom zone & additional LED Drivers see page **266**

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	282-283
WCR 275 BLACK	2-Core rubber cable	283
PDC GRID DIMMER	1-10V dimmer module	282

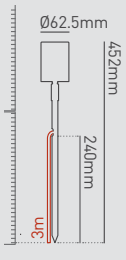
FEATURES & BENEFITS

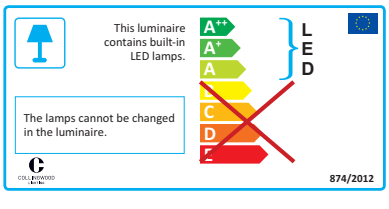
- Equivalent to 20W halogen
- Long spike included for extra stability
- Robust cable for outdoor use
- Copper body for antique effect



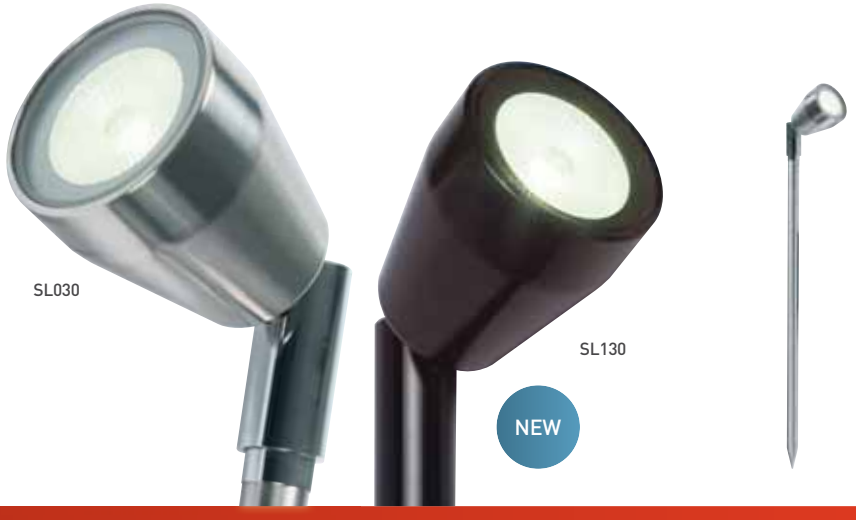
4000K 38°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING



SL030 | SL130

1W LED spike light

IP65 Ideal for use outdoors

7 year extended warranty available

26° | 1W | 90° | <35°C | ½35°C | 700g SL030 | 400g SL130 | 1 ZONE | 70,000h L70, B10 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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
PL/IP/350 1-5	350	Yes	No	1	1	5
PLD UNI-DRIVE 350MA	350	Yes	Yes (1-10V)	2	1	10

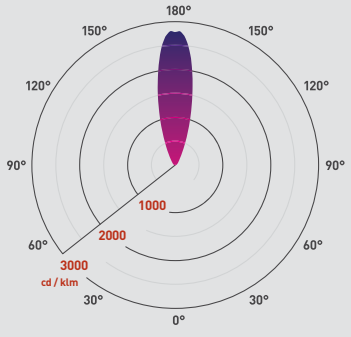
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
JB2 / JB4 / JB6	Waterproof junction box / Gel filled waterproof connectors	282-283
WCR 275 BLACK	2-Core rubber cable	283
PDC GRID DIMMER	1-10V Dimmer module	282

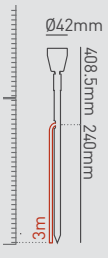
FEATURES & BENEFITS

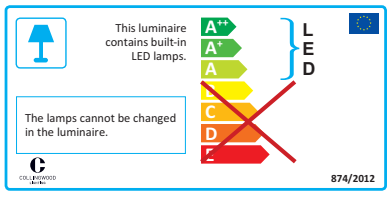
- Long spike included for extra stability
- Robust cable for outdoor use
- Small & discreet



4000K 26°

Additional diagrams available at **collingwoodlighting.com**



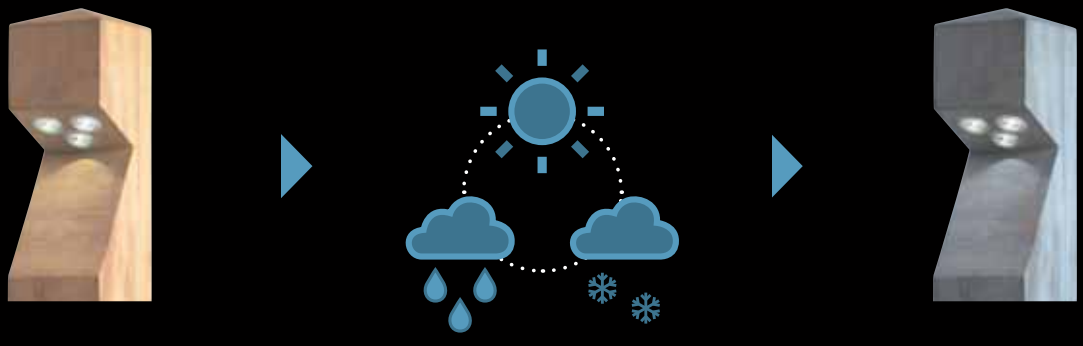


BOLLARDS

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.

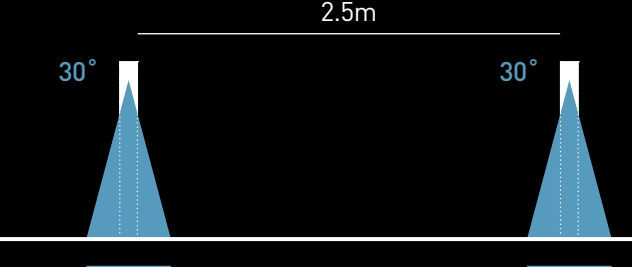
If Iroko wood is left untreated it will turn a silvery grey colour over time, blending with natural surroundings.

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...

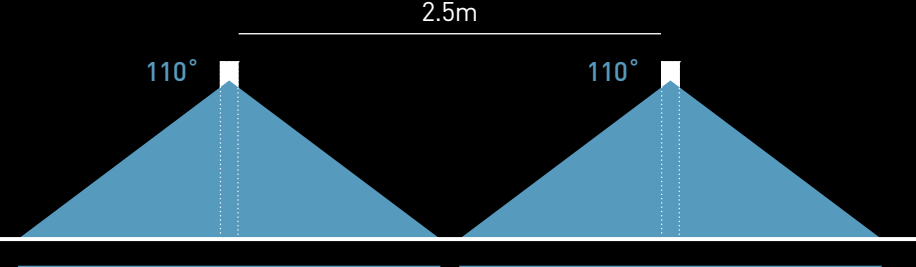


TRIPLE LED BOLLARD

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

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.

WATERPROOF

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 **282-283**

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

360° ILLUMINATION

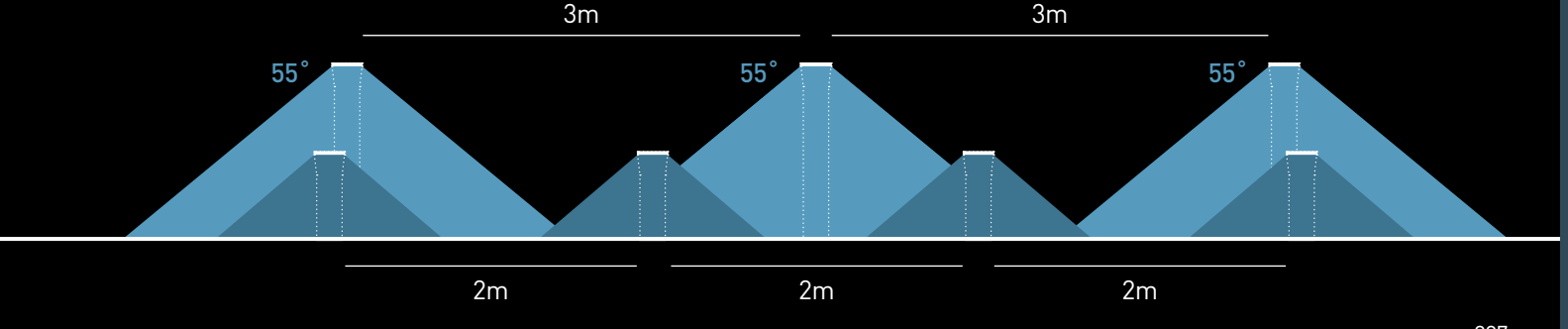
Space bollards as you feel appropriate, the below diagram can be used as a guide

The anodised aluminium bollards offer 360° illumination, making them ideal for lighting footpaths in parks, car parks and driveways.

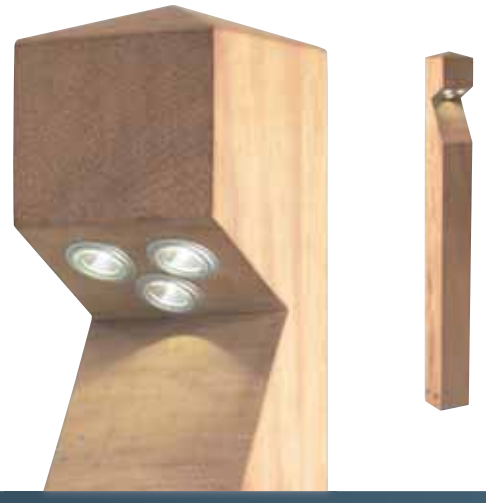
Available in two heights. The 585mm bollard will give a strong, more focussed light, whilst the 985mm bollard can be positioned further apart, whilst still providing an even spread of light. Concealed wiring and connections makes for a clean and professional finish to any installation.

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



BOL LED MAINS

Straight to mains wooden LED bollard

IP65 Ideal for use outdoors

7 year extended warranty available

110° | 5W | 240V | 43°C | ½35°C | 5.5kg | 2 ZONE | 70,000h L70, B10 | 3SDCM

* Extended warranty available on LEDs and LED driver only

PHOTOMETRICS @ 25°C

Colour		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

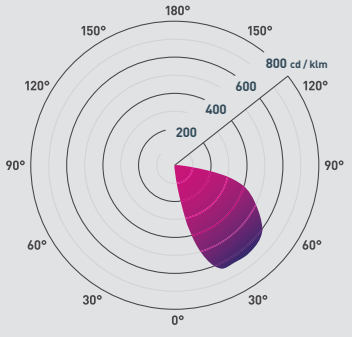
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (Integrated SELV driver)	-	No	2	-	-

ACCESSORIES

Product code	Description	
BOL LED BRACKET	Stainless steel bracket for BOL LED range	230
JB5	Gel filled junction box	283

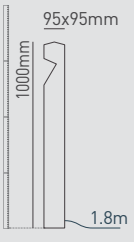
FEATURES & BENEFITS

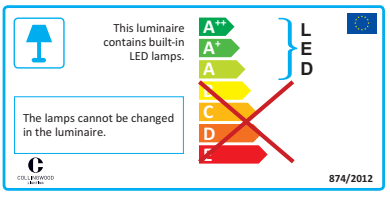
- Use with chain / rope to edge path (not supplied)
- Robust cable for outdoor use
- Wood treatment is necessary to prevent weathering and/or cracking. Teak oil can be used to protect wood and preserve colour. Use a premium woodcare product to stain and protect. Always follow the manufacturer's instructions and reapply as directed.



4000K 110°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

BOL LED 1

Wooden LED bollard

IP65 Ideal for use outdoors

7 year extended warranty available*

26° | 1W | <35°C | ½35°C | 5.8kg | ZONE 1 | L70, B10 | 70,000h | 3SDCM

* Extended warranty available on LEDs and LED driver only

PHOTOMETRICS @ 25°C

Colour		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

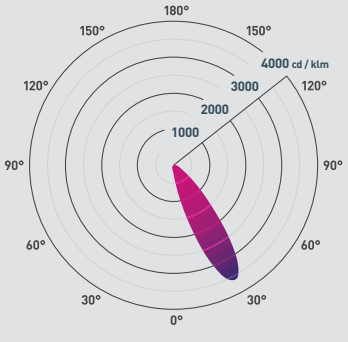
For LED driver bathroom zone & additional LED Drivers see page 266

ACCESSORIES

Product code	Description	
BOL LED BRACKET	Stainless steel bracket for BOL LED range	230
JB2 / JB4 / JB6	Gel filled waterproof connectors	282-283
WCR 275 BLACK	2-Core rubber cable	283

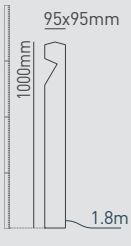
FEATURES & BENEFITS

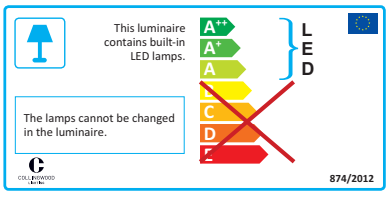
- Use with chain / rope to edge path (not supplied)
- Robust cable for outdoor use
- Wood treatment is necessary to prevent weathering and/or cracking. Teak oil can be used to protect wood and preserve colour. Use a premium woodcare product to stain and protect. Always follow the manufacturer's instructions and reapply as directed.



4000K 26°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

BOL LED BRACKET

Stainless steel bracket for BOL LED range

1yr 1 year guarantee

1.5kg

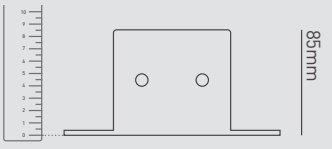
PRODUCT DATA	
Product code	BOL LED BRACKET

GENERAL	
Construction material	Stainless steel (304)

ACCESSORIES		
Product code	**Description**	
BOL LED 1	Wooden LED bollard	229
BOL LED 030 MAINS	Straight to mains wooden LED bollard	228

FEATURES & BENEFITS

- Supplied with stainless steel fixtures & fittings



COLLINGWOOD
LIGHTING

BOL255

585mm straight to mains anodised aluminium LED bollard

IP65 Ideal for use outdoors

7 year extended warranty available

55° | 16.5W | 240V | 35°C | IK10 | Ta 40°C | 6.1kg | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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 0.75mm² 7mm outside
Type of wiring required	Parallel (mains) 220 - 240V AC 50/60Hz

LED DRIVERS

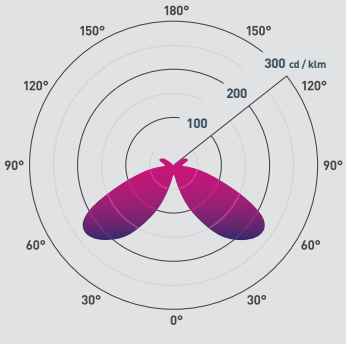
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (Integrated SELV driver)	-	No	-	-	-

ACCESSORIES

Product code	Description	
BOL255RM	Root mounting kit	233
JB5	Gel filled junction box	283

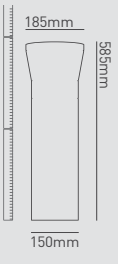
FEATURES & BENEFITS

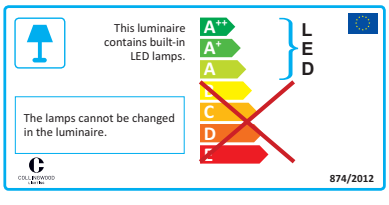
- Modular design for simple installation
- Low glare
- Root mount or surface mount
- 360° illumination, ideal for pathways, boundary marking, or general illumination of public spaces
- Surface mount bracket and fixtures are included



3000K 55°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

BOL256

985mm straight to mains anodised aluminium LED bollard

IP65 Ideal for use outdoors

7 year extended warranty available

55° | 16.5W | 240V | 35°C | IK10 | ↳40°C | 10kg | 70,000h L70, B50 | 3SDCM

PHOTOMETRICS @ 25°C

Colour		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 0.75mm² 7mm outside
Type of wiring required	Parallel (mains) 220 - 240V AC 50/60Hz

LED DRIVERS

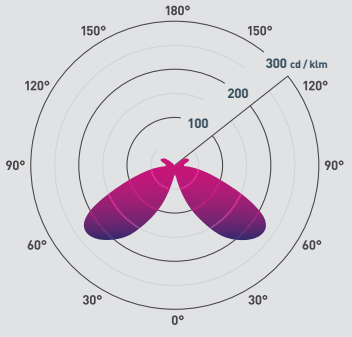
Product code	mA	Dimming	Bathroom zone	Min	Max
N/A (Integrated SELV driver)	-	No	-	-	-

ACCESSORIES

Product code	Description	
BOL255RM	Root mounting kit	233
JB5	Gel filled junction box	283

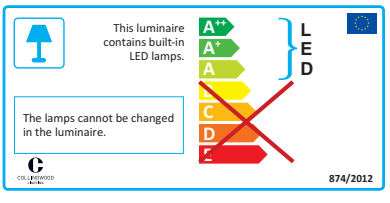
FEATURES & BENEFITS

- 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



3000K 55°

Additional diagrams available at **collingwoodlighting.com**



COLLINGWOOD
LIGHTING

BOL255RM

Stainless steel root mounting kit

1 yr 1 year guarantee

480g

PRODUCT DATA

Product code	BOL255RM

GENERAL

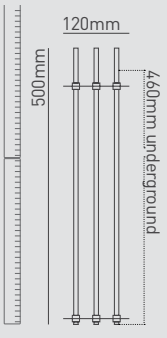
Construction material	Stainless steel (316)

ACCESSORIES

Product code	Description	
BOL255	585mm straight to mains anodised aluminium LED bollard	231
BOL256	985mm straight to mains anodised aluminium LED bollard	232

FEATURES & BENEFITS

- Marine grade stainless steel (316) construction
- Can be used with concrete or other building materials
- Supplied with expanding bolts for security



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 12 - 75)

Remotes

Wall Mounted Remote Control (1 - 4 zones)	Page 238
Hand Held Remote Control (1 - 6 zones)	Page 238
CollingwoodRGBW App (1 - 8 zones)	Page 239

For more than 8 zones a DMX system is required.

1. Be Inspired (Page 12 - 75)

2. Do you need RGB or RGBW?

3. Which product(s) are right for you? (Page 244 - 263)

4. How many zones do you want & which remote will you need? (Page 238 - 239)

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 244 - 249
Wall Lights	Page 250 - 252
Universal Lights	Page 253 - 257
Downlights	Page 258 - 260
Spike Lights	Page 261
Strip Lights	Page 262 - 263

Power Repeaters

PR3011	Page 240
PR3002	Page 241

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 265).

You may also need extension cable (Page 264).

5. Which power repeater do you need & how many of them? (Page 240 - 241)

6. Do you need a controller or a DMX decoder? (Page 242 - 243)

7. What cable will you need? (Page 264-265)

8. Place your order

Controller / Decoder

C100924 (controller)	Page 242
DMX2102 (decoder)	Page 243

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 a 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

Remotes

WC2820WH / WC2820BLK
Page 238

RC2819
Page 238

CollingwoodRGBW App
Page 239

with TR2818
Page 239

PS1524
15W Driver

(TR2818 requires a driver)

Controller - C100924
Page 242

24V Driver

PS1524
15W Driver

PS5024
50W Driver

PS10024
100W Driver

PSIP15024
150W Driver

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 244 - 263

Power repeater - PR3011
Page 240

Power repeater - PR3011
Page 240

Power repeater - PR3011
Page 240

Power repeater - PR3002
Page 241

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

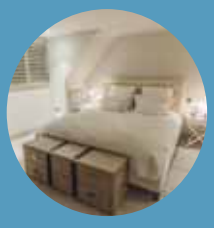
LIVING ROOM

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.

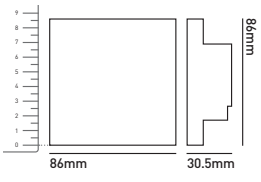
Wall Mounted Remote Control - WC2820BLK / WC2820WH - 1-4 zones			
Hand Held Remote Control - RC2819 - 1-6 zones			
CollingwoodRGBW App - with TR2818 (Requires 15W driver) - 1-8 zones			
Zone 1 / 1 Room	**Zone 2 / 2 Rooms**	**Zone 3 / 3 Rooms**	**Zone 4 / 4 Rooms**

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.

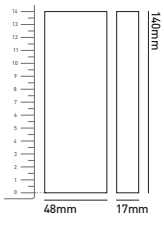
Note: The WC2820 requires 240V AC supply.



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)



BEDROOM 2

ZONE 5

GARDEN

ZONE 6

DINING ROOM

ZONE 7

STAIRS / HALLWAY

ZONE 8

If you require more than 8 zones you will 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.

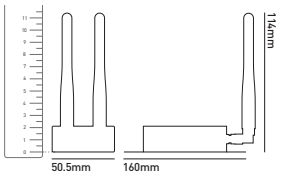
Note: Use in conjunction with TR2818.

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?

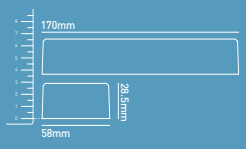
Do this for each zone

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

x3
GL090RGBW

x1
UL030RGBW

x4
GL016RGBW

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

1st PR3011

2 x GL090RGBW

2nd PR3011

1 x GL090RGBW
1 x UL030RGBW

3rd PR3011

4 x GL016RGBW

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

x3
PR3011

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...

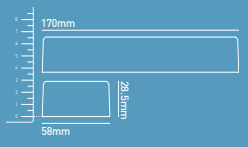
x3
PR3011

x1
PS10024

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 meters 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 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.

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

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 **01604 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 **01604 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

GL007RGBW

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

RGBW

IP67 Protected against temporary immersion

3 year extended warranty available

36° | 20° | 35°C | IK10 | ↳35°C | 2.5kg | 1 ZONE | 50,000h L50, B50

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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 **266**

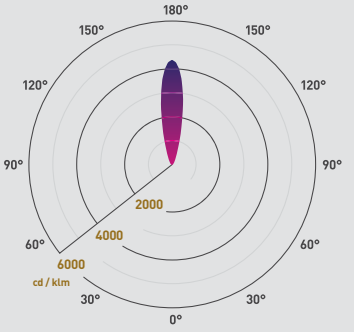
ACCESSORIES

For complete range of colour change controllers see page **238-243**

Product code	Description	
Installation tube included		
JB7	5 Pole IP68 inline connector	283
CR575RGBW	5-Core PVC cable	265

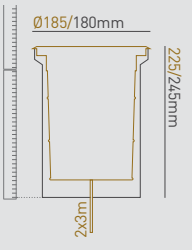
FEATURES & BENEFITS

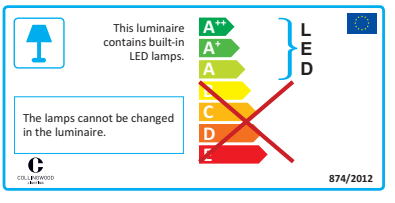
- Adjustable LED fitting to ±20°
- Installation tube included
- 10mm toughened glass, ideal for use in driveways
- Full RGBW colour range
- Separate white LED for permanent use
- Compatible with a large range of controllers



4000K 36°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL008RGBW

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

RGBW

IP67 Protected against temporary immersion

3 year extended warranty available

25° | 20° | <35°C | IK10 | ½35°C | 4.7kg | 1 ZONE | 50,000h L50, B50

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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 266

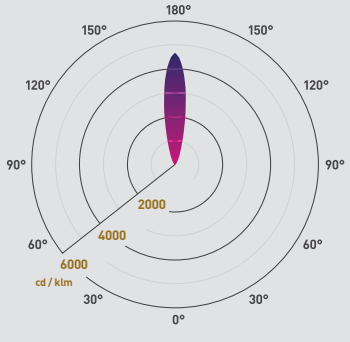
ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
Installation tube included		
JB7	5 Pole IP68 inline connector	283
CR575RGBW	5-Core PVC cable	265

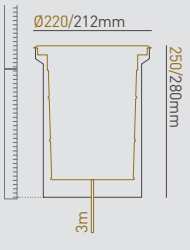
FEATURES & BENEFITS

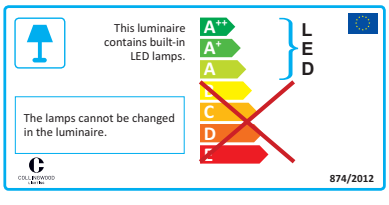
- Adjustable LED fitting to ±20°
- Installation tube included
- 10mm toughened glass, ideal for use in driveways
- Full RGBW colour range
- Separate White LED for permanent use
- Compatible with a large range of controllers



4000K 25°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL090RGBW

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

RGBW

IP67 Protected against temporary immersion

5 year extended warranty available

45° | Ø65 | <50°C | ½35°C | 900g | ZONE 1 | L50, B50 50,000h

PHOTOMETRICS @ 25°C

Colour		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 266

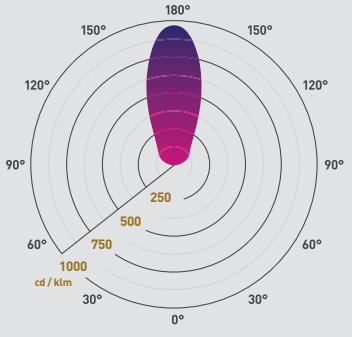
ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
TUBE/68	Installation tube	135
JB7	5 Pole IP68 inline connector	283
CR575RGBW	5-Core PVC cable	265

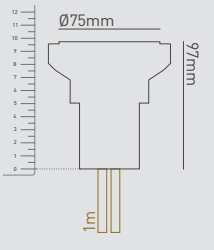
FEATURES & BENEFITS

- 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



4000K 45°

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

GL040CARGB

Colour change LED ground light (3.5W max)

RGB

IP67 Protected against temporary immersion

5 year extended warranty available

18° | Ø65 | <40°C | ↳35°C | 800g | 1 ZONE | 50,000h 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	⌒	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 0.75mm² 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 **266**

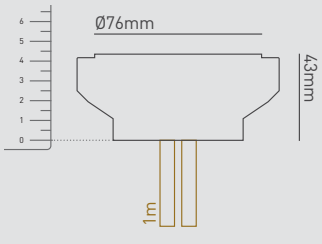
ACCESSORIES

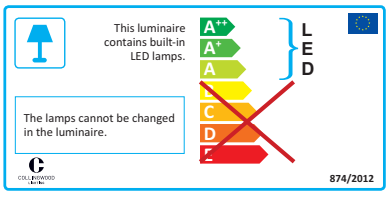
For complete range of colour change controllers see page **238-243**

Product code	Description	
TUBE/68	Installation tube	135
JB7	5 Pole IP68 inline connector	283
LED RGB 0.75 CABLE	4-Core PVC cable	265

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





COLLINGWOOD
LIGHTING

GL050RGBW

Colour change LED ground / marker light with white LED (5W max)

RGBW

IP67 Protected against temporary immersion

5 year extended warranty available

100° | Ø65 | -45°C | 35°C | 800g | ZONE 1 | L50, B50

PHOTOMETRICS @ 25°C

Colour		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 266

ACCESSORIES

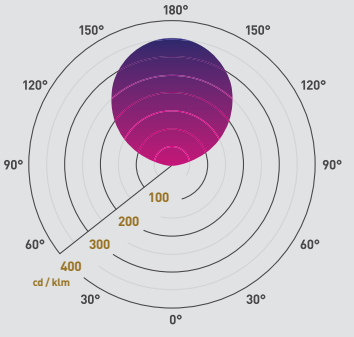
For complete range of colour change controllers see page 238-243

Product code	Description	
TUBE/68	Installation tube	135
JB7	5 Pole IP68 inline connector	283
CR575RGBW	5-Core PVC cable	265

FEATURES & BENEFITS

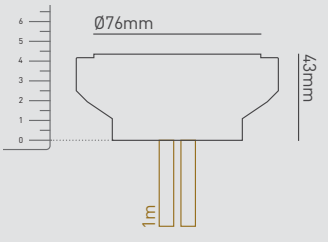
- Frosted glass for subtle colour change
- Low profile for easy installation
- Full RGBW colour range
- Compatible with a large range of controllers
- Separate White LED for permanent use
- Marine grade Stainless Steel for use in outdoor and indoor environments

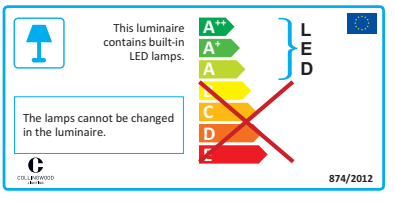
Photo Credit: Lumiere



4000K 100°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

GL016RGBW

LED colour change ground light with white LED (5W max)

RGBW

IP67 Protected against temporary immersion

5 year extended warranty available

40° | Ø50 | 47°C | ½35°C | 300g | 1 ZONE | 50,000h L50, B50

PHOTOMETRICS @ 25°C

Colour		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 266

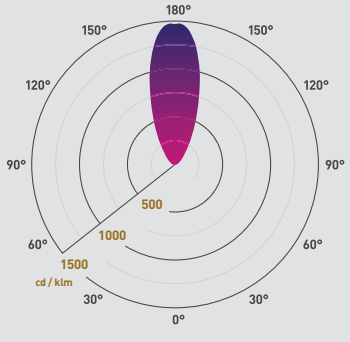
ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
TUBE/50	Installation tube	135
JB7	5 Pole IP68 inline connector	283
CR575RGBW	5-Core PVC cable	265

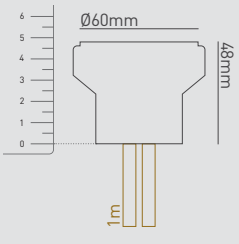
FEATURES & BENEFITS

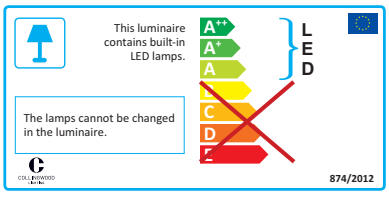
- Installation tube available
- Low profile for easy installation
- Full RGBW colour range
- Separate White LED for permanent use
- Compatible with a large range of controllers
- Marine grade Stainless Steel for use in outdoor and indoor environments



4000K 40°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

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 | 50,000h L50, B50

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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 266

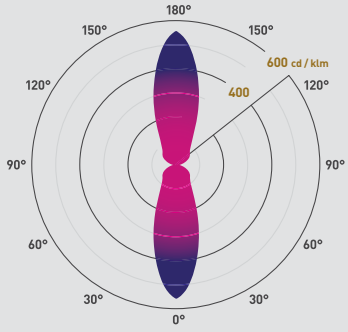
ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
LEDRGBWEXT	Colour change Plug & Play 1m extension lead	264

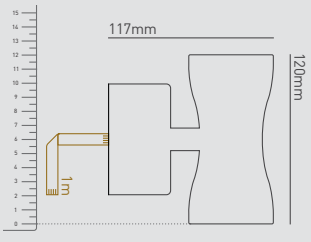
FEATURES & BENEFITS

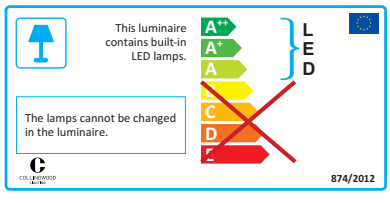
- Complete with wall fixings for easy installation
- Projects light in two directions
- Separate White LED for permanent use
- Full RGBW colour range
- Anodised aluminium for use in outdoor and indoor environments
- Compatible with a large range of controllers



4000K 45°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

WL075CARGB

High output LED colour change wall light (12W max)

RGB

IP65 Ideal for use outdoors

5 year extended warranty available

45° | 34°C | ½ 35°C | 1.2kg | 1 ZONE | 70,000h 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	⌓	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 266

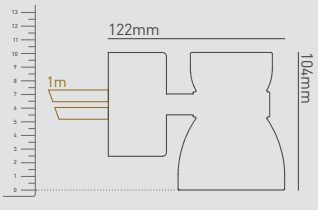
ACCESSORIES

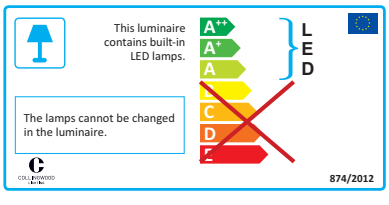
For complete range of colour change controllers see page 238-243

Product code	Description	
LED 3 RGB EXT	Colour change extension lead for RGB products	264

FEATURES & BENEFITS

- Complete with wall fixings for easy installation
- Full RGB colour range
- Anodised aluminium for use in outdoor and indoor environments





COLLINGWOOD
LIGHTING

WL220CARGB WL021CARGB

WL220CARGB | WL021CARGB

Colour change LED wall light (4W max)

RGB

IP65 Ideal for use outdoors

3 year extended warranty available

18° 90° 28°C ½35°C 1kg 1 ZONE 50,000h 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		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 266

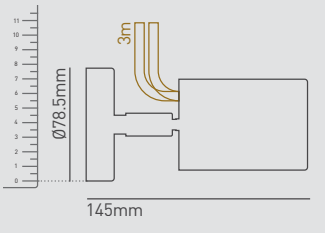
ACCESSORIES

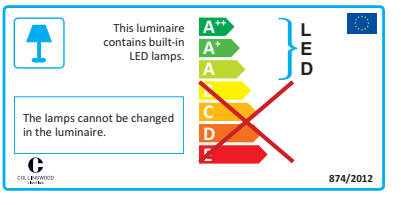
For complete range of colour change controllers see page 238-243

Product code	Description	
JB3	Waterproof junction box	282
LED RGB 0.75 CABLE	4-Core PVC cable	264

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





COLLINGWOOD
LIGHTING

UL345CARGB

110° colour change LED wall washing light bar (12W max)

RGB

IP65 Ideal for use outdoors

5 year extended warranty available

110° | 180° | 28°C | ½35°C | 700g | ZONE 1 | L50, B50 50,000h

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	⌒	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 266

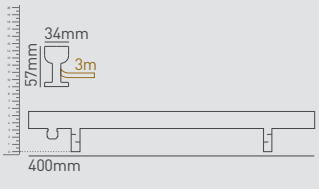
ACCESSORIES

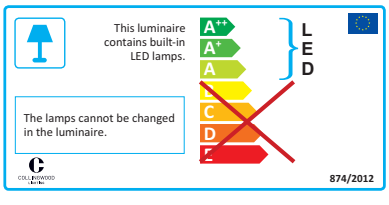
For complete range of colour change controllers see page 238-243

Product code	Description	
JB3	Colour change extension lead for RGB products	282
LED RGB 0.75 CABLE	4 core PVC cable	264

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





COLLINGWOOD
LIGHTING

UL346CARGB

25x6° colour change LED wall washing light bar (12W max)

RGB

IP65 Ideal for use outdoors

5 year extended warranty available

25x6° | 180° | 28°C | 35°C | 700g | 1 ZONE | 50,000h 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		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 266

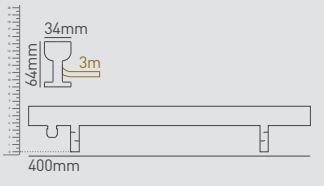
ACCESSORIES

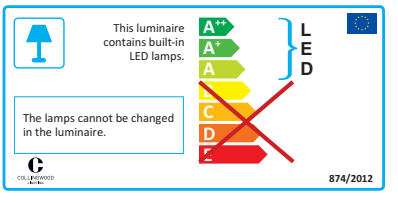
For complete range of colour change controllers see page 238-243

Product code	Description	
JB3	Waterproof junction box	282
LED RGB 0.75 CABLE	4-Core PVC cable	264

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





COLLINGWOOD
LIGHTING

UL347CARGB

45° colour change LED wall washing light bar (12W max)

RGB

IP65 Ideal for use outdoors

5 year extended warranty available

45° | 180° | 28°C | 35°C | 700g | 1 ZONE | 50,000h L50, B50

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

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		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

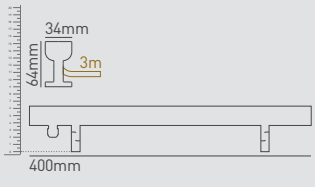
Product code	mA	SELV	Dimming	Bathroom zone	Min	Max
PR3011	350	-	Yes	1	1	1

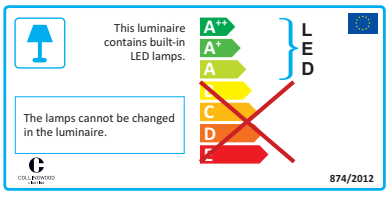
For LED driver bathroom zone & additional LED drivers see page 266

ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
JB3	Colour change extension lead for RGB products	282
LED RGB 0.75 CABLE	4 core PVC cable	264





COLLINGWOOD
LIGHTING

UL030RGBW

Colour change LED light with white LED (12W max)

RGBW

IP67 Protected against temporary immersion

5 year extended warranty available

45° | 360° | 360° | 44°C | 35°C | 900g | 1 ZONE | 50,000h L50, B50

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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 **266**

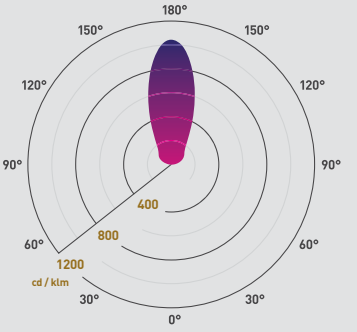
ACCESSORIES

For complete range of colour change controllers see page **238-243**

Product code	Description	
JB7	5 Pole IP68 inline connector	283
CR575RGBW	5-Core PVC cable	265

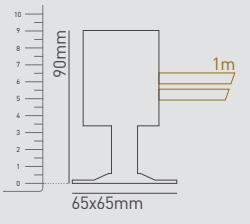
FEATURES & BENEFITS

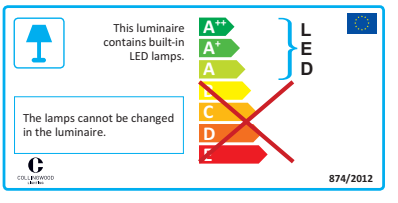
- Complete with wall fixings for easy installation
- Can rotate and be angled to direct light
- Separate White LED for permanent use
- Full RGBW colour range
- Compatible with a large range of controllers
- Marine grade Stainless Steel for use in outdoor and indoor environments



4000K 45°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

UL010RGBW

Colour change LED light with white LED (5W max)

RGBW

IP67 Protected against temporary immersion

5 year extended warranty available

40° | 360° | 360° | 38°C | ½35°C | 700g | 1 ZONE | 50,000h L50, B50

Patent information: **collingwoodlighting.com/patent**

PHOTOMETRICS @ 25°C

Colour		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 266

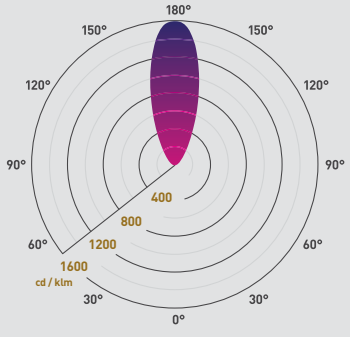
ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
JB7	5 Pole IP68 inline connector	283
CR575RGBW	5-Core PVC cable	265

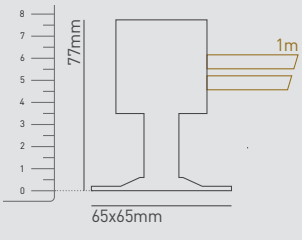
FEATURES & BENEFITS

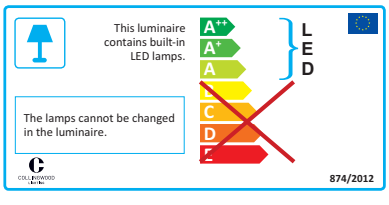
- Complete with wall fixings for easy installation
- Can rotate and be angled to direct light
- Separate White LED for permanent use
- Full RGBW colour range
- Compatible with a large range of controllers
- Marine grade Stainless Steel for use in outdoor and indoor environments



4000K 40°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD
LIGHTING

DL329RGBW

Colour change fibre optic injector with white LED (5W max)

RGBW

5 year extended warranty available

32°C | ½ 35°C | 210g | 50,000h

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 **266**

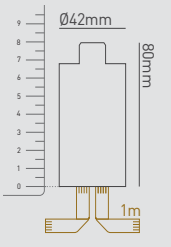
ACCESSORIES

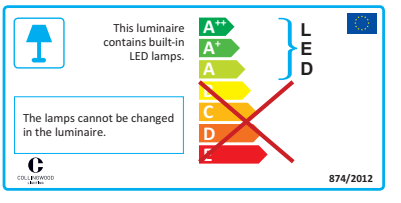
For complete range of colour change controllers see page **238-243**

Product code	Description	
LEDRGBWEXT	Colour change Plug & Play 1m extension lead	264
FIBRE LED 1/30	Fibre optics 1m	107
FIBRE LED 2/30	Fibre optics 2m	107

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





COLLINGWOOD
LIGHTING

LL090RGBW

Colour change LED unit with white LED (13W max)

RGBW | IP40 Housing dependant | 5 year extended warranty available

25° | 54°C | ½35°C | 200g | 878-83 | 20° | 1 | 50,000h

Patent information: **collingwoodlighting.com/patent**

HOUSING DEPENDANT

L50, B50

PHOTOMETRICS @ 25°C

Colour		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 266

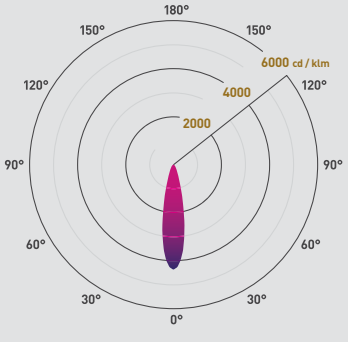
ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
LEDRGBWEXT	Colour change Plug & Play 1m extension lead	264

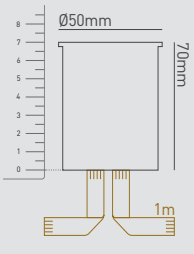
FEATURES & BENEFITS

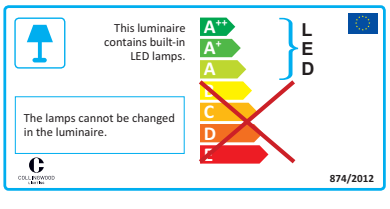
- MR16 for retrofit into existing housings
- Plug & Play connectors for quick installation
- Separate White LED for permanent use
- Full RGBW colour range
- Compatible with a large range of controllers



4000K 25°

Additional diagrams available at **collingwoodlighting.com**





COLLINGWOOD LIGHTING

LL030CARGB

Colour change LED unit (4W max)

RGB | IP40 Housing dependant | 5 year extended warranty available

18° | 58°C | 35°C | 50g | 878-83 | 20° | 1 | 50,000h

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		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 266

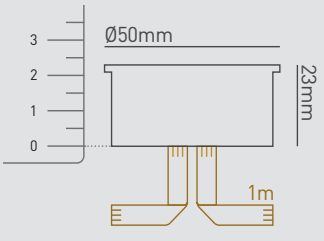
ACCESSORIES

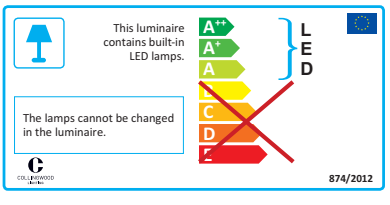
For complete range of colour change controllers see page 238-243

Product code	Description	
LED 3 RGB EXT	Colour change Plug & Play 1m extension lead	264

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





COLLINGWOOD
LIGHTING

SL220CARGB | SL021CARGB

Colour change LED spike light (4W max)

RGB

IP65 Ideal for use outdoors

3 year extended warranty available

18° | 90° | 28°C | ½35°C | 700g | 1 ZONE | 50,000h 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		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 266

ACCESSORIES

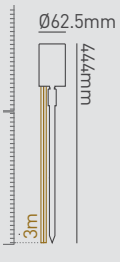
For complete range of colour change controllers see page 238-243

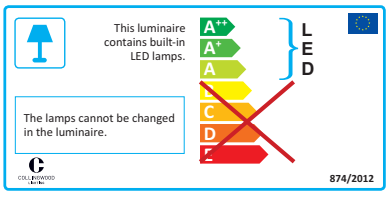
Product code	Description	
JB3	Waterproof junction box	282
LED RGB 0.75 CABLE	4-core PVC cable	265

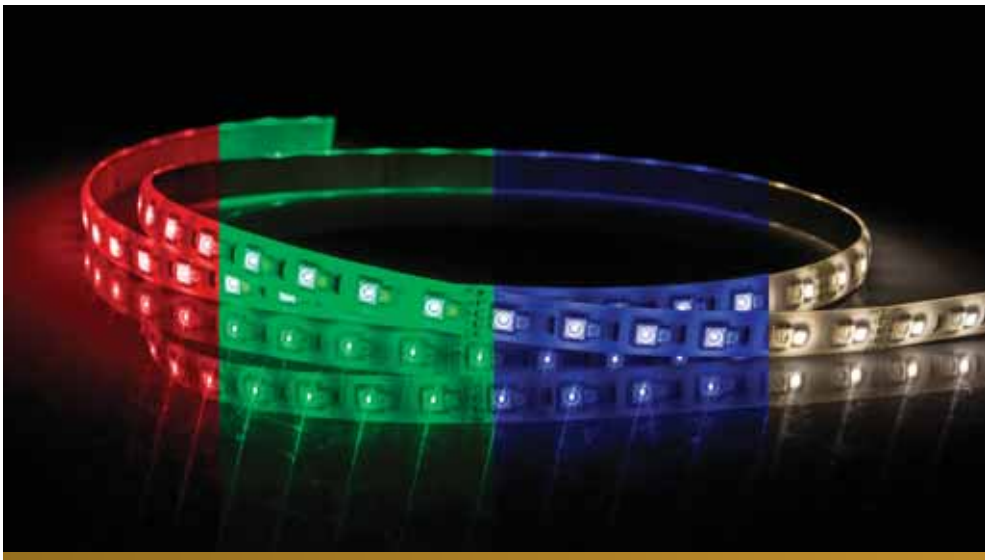
FEATURES & BENEFITS

- 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







COLLINGWOOD
LIGHTING

LSR05

Colour change self adhesive LED flexible strip with white LED (15W Max)

RGBW | Bespoke length cutting service available | IP20 Ideal for use indoors | 3yr 3 year guarantee

120° | 57°C | 20g/m | 50,000h

PHOTOMETRICS @ 25°C

Colour		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 266

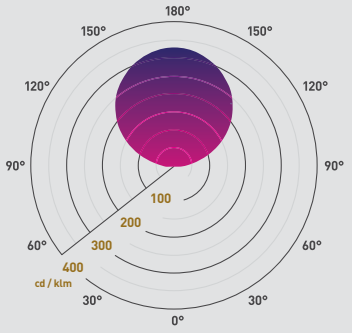
ACCESSORIES

For complete range of colour change controllers see page 238-243

Product code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
CF505RGBW	5-core RGBW ribbon cable	265

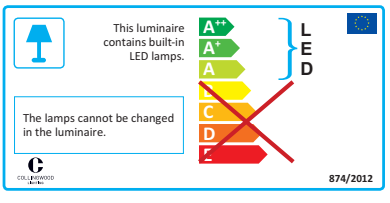
FEATURES & BENEFITS

- Cut point every 100mm
- Hardwearing 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



4000K 150°
Additional diagrams available at **collingwoodlighting.com**

5m/100mm cut point



COLLINGWOOD
LIGHTING

LED5050RGB

Colour change self adhesive flexible strip (10W Max)

RGB

BESPOKE — Bespoke length cutting service available

IP20 — Ideal for use indoors

3yr — 3 year guarantee

120° | 57°C | 20g/m | 50,000h

FEATURES & BENEFITS

- Cut point every 125mm
- Hardwearing 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	⌓	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

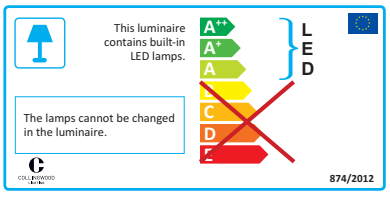
For LED driver bathroom zone & additional LED drivers see page **266**

ACCESSORIES

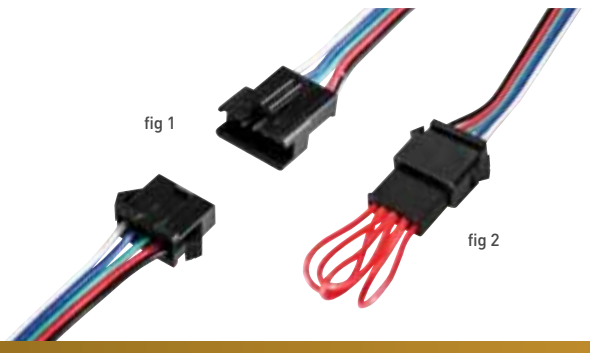
For complete range of colour change controllers see page **238-243**

Product code	Description	
LED STRIP PROFILE RANGE	Profile range to house adhesive strip	170-171
LED RGB 0.75 CABLE	4 core PVC cable	265

5m/125mm cut point



COLLINGWOOD
LIGHTING



LEDRGBWEXT

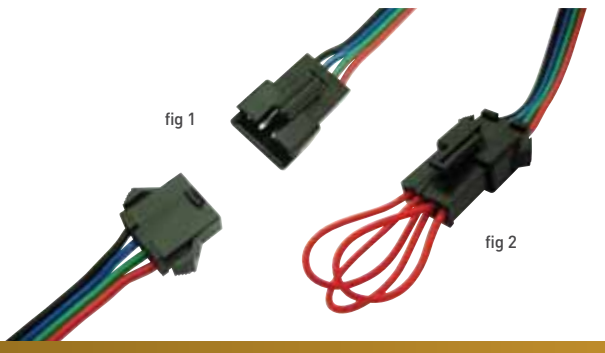
Colour change extension lead for RGBW products

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) (0.205mm²)
Guarantee	1 year

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

USE IN CONJUNCTION WITH	
DL329RGBW	258
LL090RGBW	259
WL070RGBW	250

- Use multiple extensions for longer lead requirements (fig1)
- Complete circuit with blanking plug (fig2)
- Simple extension for series circuit
- 5 core. RGBW and return



LED 3 RGB EXT

Colour change extension lead for RGB products

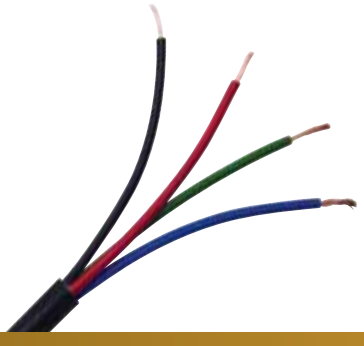
Product Code	LED 3 RGB EXT
Construction material	Copper cable (PVC)
Rated max voltage	300V
Rated temperature	80°C
Series / Parallel	Series (Plug & Play)
Cable	1m (AWG 24) (0.205mm²)
Guarantee	1 year

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

USE IN CONJUNCTION WITH	
LL030CARGB	260
WL075CARGB	251

- Use multiple extensions for longer lead requirements (fig1)
- Complete circuit with blanking plug (fig2)
- Simple extension for series circuit
- 4 core. RGB and return

COLLINGWOOD
LIGHTING



LED RGB 0.75 CABLE
4-core PVC cable

Product Code	LED RGB 0.75 CABLE
Construction material	Copper cable
Cable	PVC 4 x 0.75mm²
Guarantee	1 year

USE IN CONJUNCTION WITH	
All RGB products	244-263
JB3	282

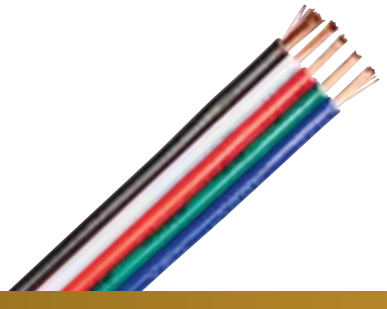
- Suitable for RGB wiring
- Can be wired to additional JB3 for multiple fittings
- Ideal for RGB applications

CR575RGBW
5-core PVC cable

Product Code	CR575RGBW
Construction material	Copper cable
Cable	PVC 5 x 0.75mm²
Guarantee	1 year

USE IN CONJUNCTION WITH	
All RGBW products	244-263
JB7	283

- Suitable for extending cable on RGBW products



CF505RGBW
5-core RGBW ribbon cable

Product Code	CF505RGBW
Construction material	Copper cable
Cable	4x 0.3mm², 1x 0.5mm² (black) ribbon cable
Guarantee	1 year

USE IN CONJUNCTION WITH	
C100924	242
PR3011	240
PR3002	241

- Suitable for connecting C100924 to multiple PR3002 & PR3011

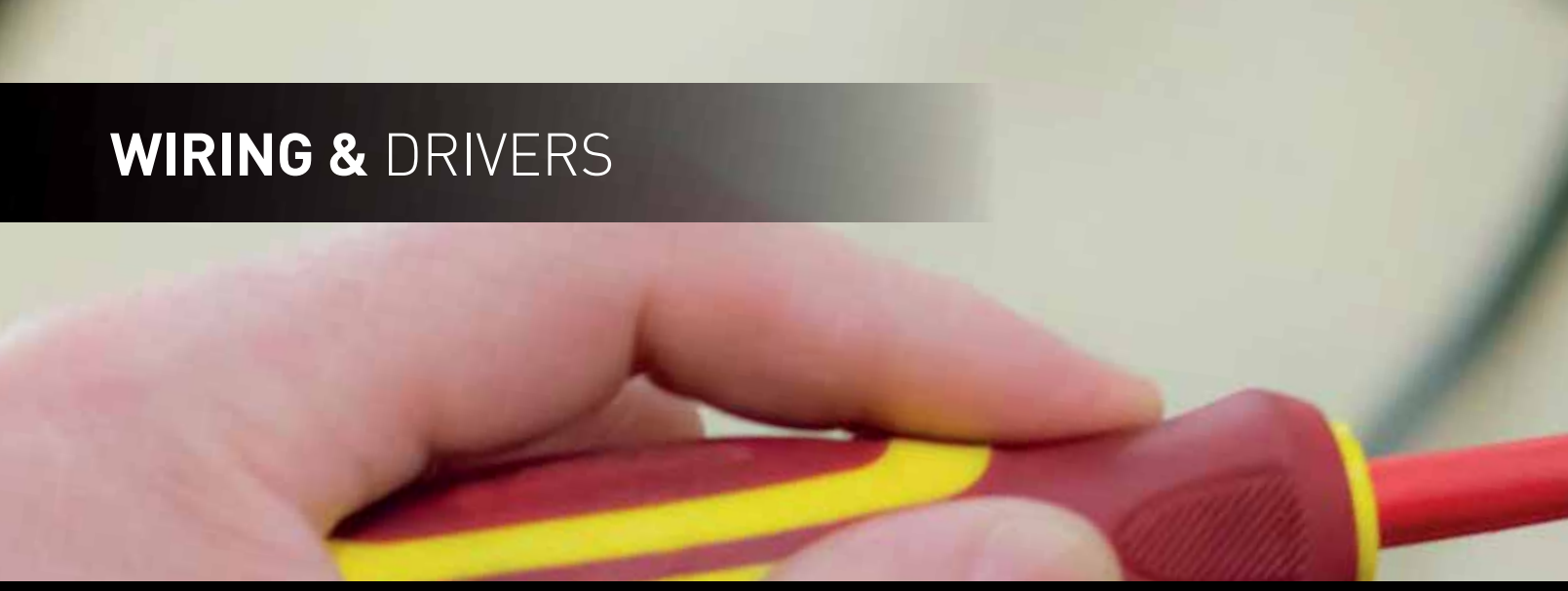
DMX RS 485 CABLE
3-core shielded cable

Product Code	DMX RS 485 CABLE
Construction material	Copper cable
Cable	0.15mm²
Guarantee	1 year

USE IN CONJUNCTION WITH	
DMX2102	243

- 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 234 - 265)

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.

Do I want to dim products using DALI?

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

Does my product have an integrated driver?

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

Do I want to dim products using 1-10V?

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, halve the maximum for 12V input	PLDM/700 3	PLDM70011	PSDAL700M	PSDIM700	PLD UNI-DRIVE 700MA	PSDIN700M	PLDCC/700 12-24 *Numbers are for 24V input, halve 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
IP rating	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 105		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
DL130 Page 105		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
Fibre LED Light Page 106		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
MODULES THAT REQUIRE HOUSING															
DM01 Page 110								1	1 - 5	1 - 5	1 - 2	1 - 2			
RL111 Page 108	1	1 - 2	1 - 2	1											
GROUND LIGHTS (continued on next page)															
GL063 Page 118		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
GL064 Page 118		1 - 4	1 - 4	1 - 2	1 - 2	1									
GL090 Page 120							1		1 - 6	1 - 6	1 - 3	1 - 3	1 - 2 *		
GL040 Page 121		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
GL041 Page 121		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
GL050 Page 122		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
GL051 Page 122		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
GL016 Page 123		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL016 SQ Page 123		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL016 F AB Page 124		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL021 Page 125		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL022 Page 125		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL019 Flood Page 126		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL019 Spot Page 126		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL019LG Page 127		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL019 SQ Page 128		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL019 S T Page 129		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL019 S TK Page 130		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
GL018 C Page 131															

To place an order use the driver partcodes below.

PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9	PLU/PP6/350 1-9	PLU/700 3-9	PL/IP/350 1-9	PL/IP/350 3-12	PS288	PL/IP/700 1-3	PL/IP/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 - 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	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 - 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

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, halve the maximum for 12V input	PLDM/700 3	PLDM70011	PSDAL700M	PSDIM700	PLD UNI-DRIVE 700MA	PSDIN700M	PLDCC/700 12-24 *Numbers are for 24V input, halve 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
IP rating	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 C AB Page 132															
GL018 SQ Page 133															
GL018 T Page 134															
WALL LIGHTS															
OCTOLED Page 146		1 - 4	1 - 4	1 - 2	1 - 2										
WL220A Page 149		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
WL020A BLK Page 149		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
WL320A Page 149		1 - 6	1 - 6	1 - 3	1 - 3	2 *									
WL050 Page 152		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
MC020 S Page 154		1 - 9	1 - 9	1 - 5	1 - 5	1 - 3 *									
MC010 S Page 155		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
MF02 IP Page 156		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
MS02 IP Page 157		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
ML01 Page 158		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
ML02 Page 159		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
ML03 Page 160		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
STRIP LIGHTS															
LSV03 Page 174															
LSV43 Page 175															
LSC03 Page 176															
LSC43 Page 177															
LSC05 Page 178															
LSC45 Page 179															
LSC83 Page 180															
LEDSTRIP IP Page 181															

To place an order use the driver partcodes below.

PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9	PLU/PP6/350 1-9	PLU/700 3-9	PL/IP/350 1-9	PL/IP/350 3-12	PS288	PL/IP/700 1-3	PL/IP/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 - 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												
1 - 5	1 - 9				1 - 9	3 - 12	1 - 3												

										≤ 3m	≤ 6m	≤ 10m	≤ 20m	≤ 20m	≤ 30m	≤ 50m	≤ 12m	≤ 20m	≤ 40m
										≤ 3m	≤ 6m	≤ 10m	≤ 20m	≤ 20m	≤ 30m	≤ 50m	≤ 12m	≤ 20m	≤ 40m
										≤ 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
										≤ 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, halve the maximum for 12V input	PLDM/700 3	PLDM70011	PSDAL700M	PSDIM700	PLD UNI-DRIVE 700MA	PSDIN700M	PLDCC/700 12-24 *Numbers are for 24V input, halve 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
IP rating	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 192														1	1
RDSM Page 194									1	1	1				
RDSS Page 196		1 - 2	1 - 2	1											
SQSL Page 193														1	1
SQSM Page 195									1	1	1				
SQSS Page 197		1 - 2	1 - 2	1											
UNIVERSAL LIGHTS															
LEDLINE 400 110 Page 201									1 - 2	1 - 2	1	1			
LEDLINE 400 25X6 Page 202									1 - 2	1 - 2	1	1			
LEDLINE 400 45 Page 203									1 - 2	1 - 2	1	1			
UL030 Page 210							1		1 - 6	1 - 6	1 - 3	1 - 3	1 - 2 *		
UL010 Page 211									1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *		
LED LYTE SURFACE Page 212		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
LED LYTE IP Page 213		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
LED LYTE IP T Page 214		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
LED LYTE Page 215		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
SPIKE LIGHTS															
SL040A Page 220							1		1 - 6	1 - 6	1 - 3	1 - 3	1 - 2 *		
SL220A Page 222		1 - 6	1 - 6	1 - 3	1 - 3										
SL020A BLK Page 222		1 - 6	1 - 6	1 - 3	1 - 3										
SL320A Page 223		1 - 6	1 - 6	1 - 3	1 - 3										
SL030 Page 224		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
SL130 Page 224		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									
BOLLARDS															
BOL LED 1 Page 229		1 - 18	1 - 18	1 - 10	1 - 10	1 - 6 *									

To place an order use the driver partcodes below.

PLR/350 1-5	PLU/350 1-9	PLU/PP/350 1-9	PLU/PP6/350 1-9	PLU/700 3-9	PL/IP/350 1-9	PL/IP/350 3-12	PS288	PL/IP/700 1-3	PL/IP/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					1										
				1					1										
				1					1										
				1 - 3				1	1 - 3										
				3 - 9				1 - 3	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.

Do this for each zone

LSR05 - Bespoke lengths available Page **262**

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 **263**

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**

INTERFACE FOR DIMMING (USED WITH DRIVER)

	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	

POWER REPEATERS FOR COLOUR CHANGE (DRIVER REQUIRED)

	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	
Product Code	Max per PR3011
DL329RGBW Page 258	6
GL007RGBW Page 244	2
GL008RGBW Page 245	1
GL016RGBW Page 249	6
GL040CARGB Page 247	6
GL050RGBW Page 248	6
GL090RGBW Page 246	2
LL030CARGB Page 260	6
LL090RGBW Page 259	2
SL220CARGB Page 261	6

PRODUCTS PER PR3011	
Product Code	Max per PR3011
SL021CARGB Page 261	6
UL010RGBW Page 257	6
UL030RGBW Page 256	2
UL345CARGB Page 253	1
UL346CARGB Page 254	1
UL347CARGB Page 255	1
WL070RGBW Page 250	1
WL075CARGB Page 251	2
WL220CARGB Page 252	6
WL021CARGB Page 252	6

PR3011s PER DRIVER		
Number of PR3011s	Wattage driver required	Product (driver)
1	50W	PS5024
2 - 3	100W	PS10024
4 - 5	150W	PSIP15024

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: 19mm L: 115mm W: 34mm	100g	Screw terminals 1 x 1-2.5mm² cable				2-year guarantee
				H: 28mm L: 138mm W: 40mm	80g	Terminals	4mm² max	1.5mm² 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	165g	Screw terminals < 2.5mm² cable		5-year guarantee
IP20	Yes		Short circuit & overheating	H: 28.5mm L: 170mm W: 58mm	165g	Screw terminals < 2.5mm² 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	220-240V 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	100g	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	100g	Terminals	0.5-1.5mm² max	0.5-1.5mm² 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	100g	Terminals	0.5-2.5mm² max	0.5-2.5mm² 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	100g	Terminals	0.5-1.5mm² max	0.5-1.5mm² 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	185g	Terminals	0.5-4mm² max	0.5-2.5mm² max	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5-year guarantee
				H: 12mm L: 40mm W: 18mm	20g	Flying leads	0.2	0.2		1-year guarantee
		Mains surge, open circuit & short circuit	Yes	H: 28mm L: 78mm W: 50mm	70g	Flying leads	0.15m, 0.75mm² 2 core cable	0.3	Mains grid dimmer DM298GRID	
		Mains surge, open circuit & short circuit	Yes	H: 28mm L: 78mm W: 50mm	70g	Plug & Play	0.15m, 0.75mm² 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	100g	Terminals	0.5-2.5mm² max	0.5-2.5mm² 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	100g	Terminals	0.5-2.5mm² max	0.5-2.5mm² 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	100g	Terminals	0.5-1.5mm² max	0.5-1.5mm² 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	185g	Terminals	0.5-4mm² max	0.5-2.5mm² max	Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M	5-year guarantee
				H: 18mm L: 50mm W: 32mm	30g	Terminals	0.5-1.5mm² max	0.5-1.5mm² max		1-year guarantee
		Mains surge, short circuit, overload & overheating	Yes	H: 22mm L: 123mm W: 79mm	100g	Terminals	0.5-2.5mm² max	0.5-2.5mm² 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	50A 0.4ms	>0.9	-25°C to 45°C	Dimmable with PDCINT 1-10V	Yes	>85%	IP20	
PS3024	30W	24V DC	1.25A max	36W	200-240V 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	0.5-2.5mm² max	0.5-2.5mm² 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	1.5mm² max	1.5mm² max	PLU weatherproof housing IX 265	1-year guarantee
Yes		Mains surge, short circuit, overload & overheating	Yes	H: 28mm L: 111mm W: 48mm		Terminals	1.5mm² max	1.5mm² 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	0.5-1.5mm² max	0.5-1.5mm² 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	0.5-1.5mm² max	0.5-1.5mm² 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
		Mains surge, short circuit, overload & overheating	Yes	H: 19mm L: 123mm W: 44.5mm		Terminals	0.75mm² max	0.75mm² 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	0.75mm² max	0.75mm² 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	0.75mm² max	0.75mm² 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	100-240V AC	0.80A	65A 0.5ms	>0.95	-40°C to 60°C	Dimmable with PDCINT 1-10V		>85%	IP65	
PSIP24024	240W	24V DC	75A 0.57ms	285W	220-240V AC	1.2A	75A 0.6ms	>0.95 Max	-40°C to 70°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	1-10V dimmable	Yes	>85%	IP66	
PSDIP10024	100W	24V DC	4.15A max	120W	100-240V AC	0.546A	45A 0.7ms	>0.98	-40°C to 60°C	1-10V dimmable		>80%	IP66	
PSDAL20024	200W	24V DC	8.33A max	240W	100-265V 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		Terminals	0.75mm² max	0.75mm² 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		Terminals	0.5-1.5mm² max	0.5-1.5mm² max		3-year guarantee
		Mains surge, short circuit, overload & overheating	Yes	H: 38mm L: 222mm W: 68mm		Flying leads	1mm²	1.5mm²	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		Flying leads	0.3m, 1mm² 2 core cable Ø: 7mm	0.3m, 1mm² 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		Flying leads	0.3m 3x1.0mm² core cable Ø: 7mm	2x0.3m 3x1.0mm² 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		Flying leads	Mains: 0.3m, 1mm² 2 core cable Ø: 7mm 1-10V: 0.3m, 0.75mm² 2 core cable Ø: 6.5mm	0.3m, 1.5mm² 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		Flying leads	Mains: 0.3m, 1mm² 2 core cable Ø: 7mm DALI: 0.3m, 0.75mm² 2 core cable Ø: 6.5mm	0.3m, 1.5mm² 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	1mm²
Cable diameter	5 - 6.5mm²
IP rating	IP68 (2m)
Wiring	Parallel
Inputs	1
Outputs	1 - 3

USE IN CONJUNCTION WITH
GL018

JB2 (Series)

Waterproof junction box

KEY FEATURES	
Max voltage	48V DC
Max current	700mA
Max conductor size	1mm²
Cable diameter	5 - 6.5mm²
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

JB3

Waterproof junction box

KEY FEATURES	
Max voltage	400V AC
Max current	30A
Max conductor size	4mm²
Cable diameter	3 - 12mm²
IP rating	IP66
Wiring	Parallel
Inputs	1
Outputs	1 - 7

USE IN CONJUNCTION WITH	
GL007RGBW	GL016RGBW
GL040CARGB	GL050RGBW
GL090RGBW	UL010RGBW
UL030RGBW	UL345CARGB
UL346CARGB	UL347CARGB
SL021CARGB	SL220CARGB
WL021CARGB	WL220CARGB

WC 5-9

Quick release waterproof connector

KEY FEATURES	
Max voltage	250V AC or 50V DC
Max current	10A
Max conductor size	4mm²
Cable diameter	5 - 9mm²
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 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

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

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	

PDC/GRID DIMMER

Grid dimmer kit for multiple fitting types

KEY FEATURES (Constant voltage)	
Dimming	1 - 10V
Minimum load	1 driver
Maximum load	10 driver

USE IN CONJUNCTION WITH (CV)	
PS1524	PS3024
PS5024	PS10024
PSDAL20024	PSDIN10024
PSDIP6024	PSDIP10024
PSIP15024	PSIP24024

KEY FEATURES (Constant current)	
Dimming	1 - 10V
Minimum load	1 driver
Maximum load	10 driver

USE IN CONJUNCTION WITH (CC)	
PSDAL350M	PSDAL700M
PSDIN350M	PSDIN700M
PSDIM350	PSDIM700
PSDIM900	PSDAL900M
PLD UNI-DRIVE 350MA	
PLD UNI-DRIVE 700MA	

JB4 (Series)
Gel filled waterproof junction box

KEY FEATURES	
Max voltage	120V DC
Max current	700mA
Max conductor size	1.5mm²
Cable diameter	6.5 - 12mm²
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

JB5 (Parallel)
Gel filled waterproof junction box

KEY FEATURES	
Max voltage	250V AC
Max current	16A
Max conductor size	1.5mm²
Cable diameter	6.5 - 12mm²
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	

JB6
Inline IP68 gel filled cable connector

KEY FEATURES	
Max voltage	250V AC
Max current	6A
Max conductor size	0.75mm²
Cable diameter	4.8 - 6mm²
IP rating	IP68 (1.3m)
Wiring	Inline
Inputs	1
Outputs	1

USE IN CONJUNCTION WITH

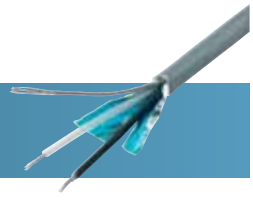
WCR 275 BLACK
Ideal for extending cable when it's not long enough

JB7
5 pole screw terminal IP68 connector

KEY FEATURES	
Max voltage	24V (RGBW only)
Max current	1.4A (RGBW only)
Max conductor size	4mm²
Cable diameter	7 - 10.5mm²
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

DMX RS 485 CABLE
3 core shielded cable

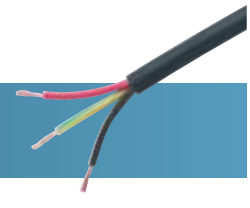


KEY FEATURES	
Cable	DMX RS 485 cable
Material	Copper cable
Length	100m reel or by the metre
Indoor / outdoor	Indoor only

USE IN CONJUNCTION WITH

DMX2102

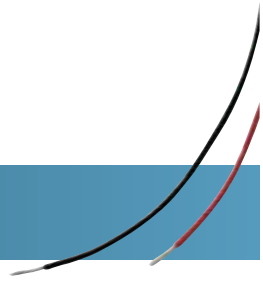
WCR 375 BLACK
3 core rubber cable



KEY FEATURES	
Cable	H05RN-F 3 x 0.75mm²
Material	Copper cable, rubber outer
Length	100m reel
Indoor / outdoor	Suitable for permanent outdoor use

USE IN CONJUNCTION WITH	
JB1	JB5
WC 5-9	

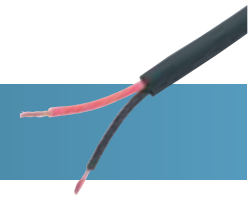
CR135
PTFE cable



KEY FEATURES	
Cable	Red or black 0.2052 PTFE
Material	30A
Length	4mm²

USE IN CONJUNCTION WITH	
MC010	MC020
MF02 IP	ML01
ML02	ML03
MS02 IP	OCTOLED
UY2 CONNECTOR	WL020A BLK
WL220A	WL320A

WCR 275 BLACK
2 core rubber cable



KEY FEATURES	
Cable	H05RN-F 2 x 0.75mm²
Material	Copper cable, rubber outer
Length	100m reel
Indoor / outdoor	Suitable for permanent outdoor use

USE IN CONJUNCTION WITH	
JB1	JB2
JB4	JB6

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 289 for a more information.

CCT
Correlated Colour Temperature. See page 286

CRI
Colour Rendering Index. See page 287

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.

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.

IP Rating
Ingress Protection Rating. See page 288

Kelvin (K)
Kelvin is the scientific unit for measuring CCT (Correlated Colour Temperature). See page 286

L70, B10 / L70, B50
Lifetime indication of LEDs. See page 288

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.

Neutral White (NW) / 4000K
Light with a CCT Kelvin temperature of 4000K. See page 286

PIR
Passive Infared 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 288

Warm White (WW) / 3000K
Light with a CCT Kelvin temperature of 3000K. See page 286

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.

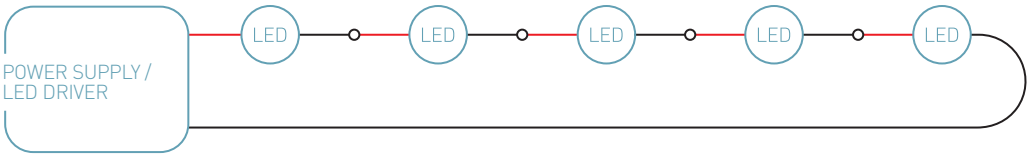
Straight to Mains
Product for which no other wiring is required other than connection to the mains supply.

SERIES / PARALLEL WIRING

LED lighting products can be wired in either Series or Parallel and both have their advantages.

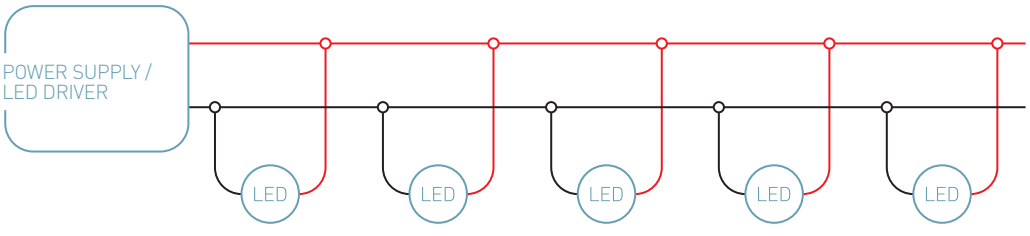
1 Series

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.

3 SDCM (STANDARD DEVIATION COLOUR MATCHING)

3 SDCM refers to the colour consistency between light sources. SDCM is a different naming convention for MacAdam Ellipses, both terms are internationally accepted. A 3 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 of 3 SDCM.

Look out for the 3 SDCM logo throughout the catalogue.

3SDCM

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.

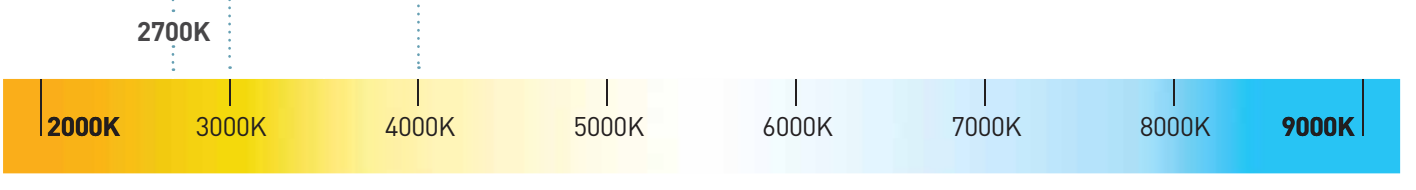
You will find colour consistency across our entire range of products ensuring seamless installations.

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.

2700K (27)

3000K (WW)

4000K (NW)



BEAM ANGLES

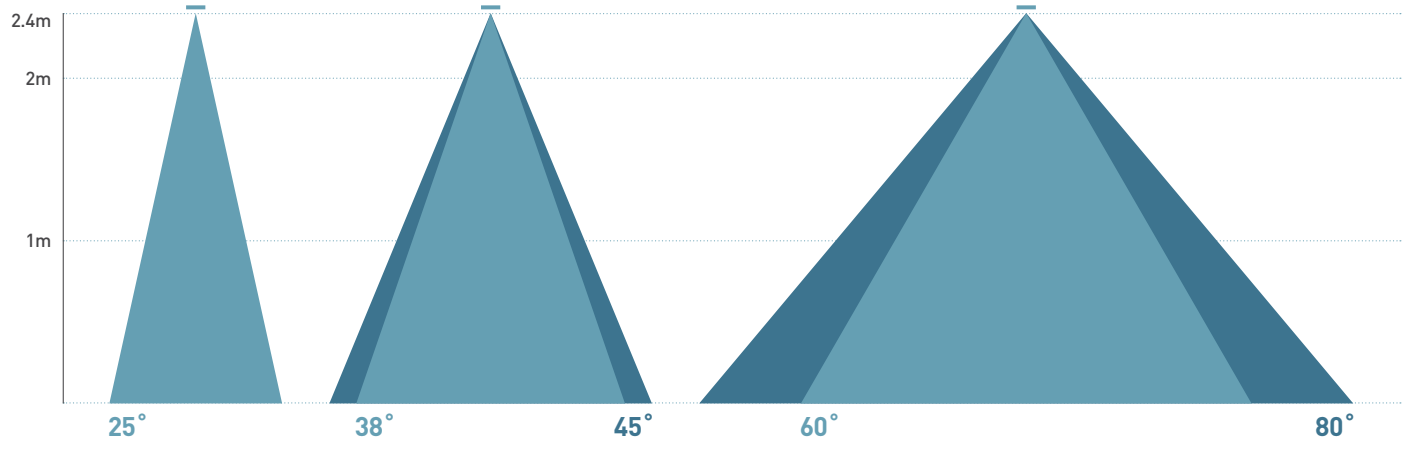
25° A narrow beam angle ideal for illuminating specific areas of interest with pin points of light.

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

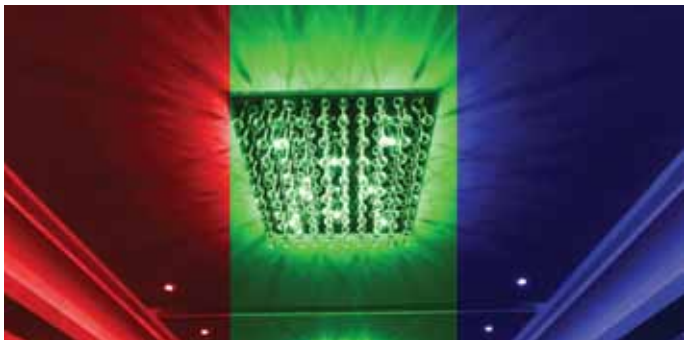
HIGH CRI

RGB vs RGBW

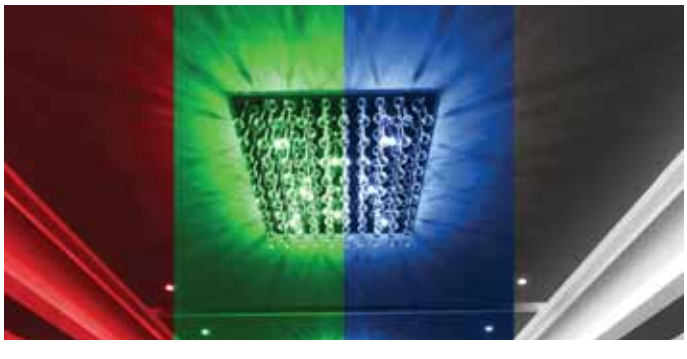
Use RGB products to select vivid red, green or blue schemes or mix the three together for even more colour options.

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

DIAL**ux**

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.

DIAL**ux**

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.

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)

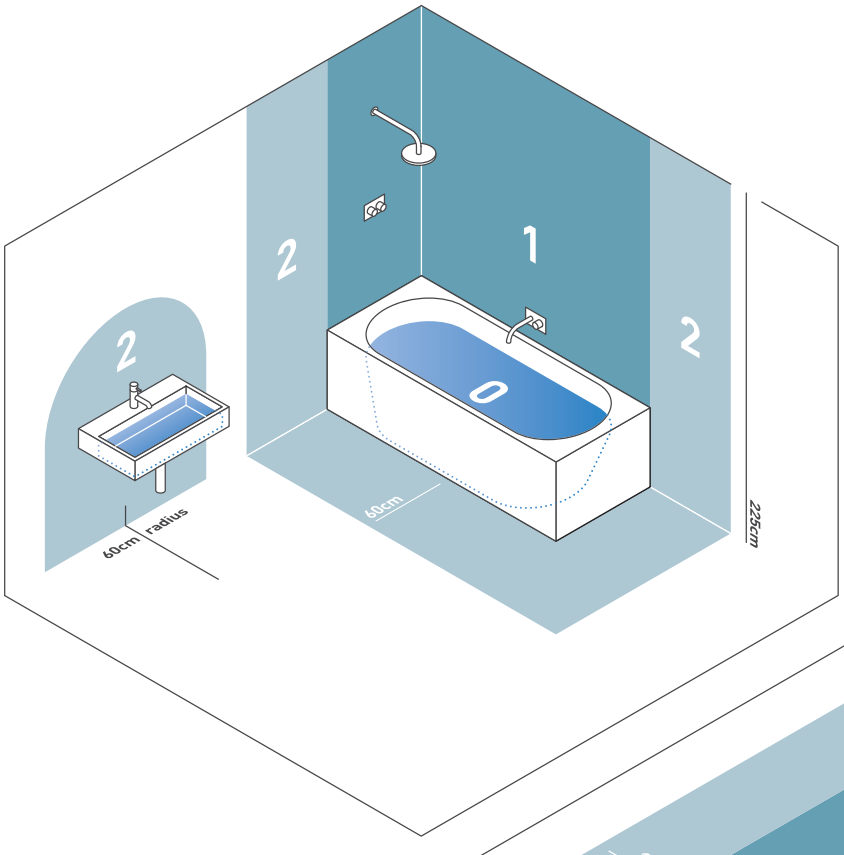
NO.	EXAMPLE	SOLID PROTECTION
0		No special protection
1		Protection from a large part of the body such as a hand (but no protection from deliberate access); from solid objects greater than 50mm in diameter
2		Protection against fingers or other objects not greater than 80mm in length and 12mm in diameter
3		Protection from entry by tools, wires etc, with a diameter of 2.5 mm or more
4		Protection against solid bodies larger than 1mm (e.g. fine tools / small etc)
5		Protection against dust that may harm equipment
6		Totally dust-tight

NO.	EXAMPLE	WATER PROTECTION
0		No special protection
1		Protection against condensation
2		Protection against water droplets deflected up to 15° from vertical
3		Protection against spray up to 60° from vertical
4		Protection against water spray from all directions
5		Protection against low pressure water jets (all directions)
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)



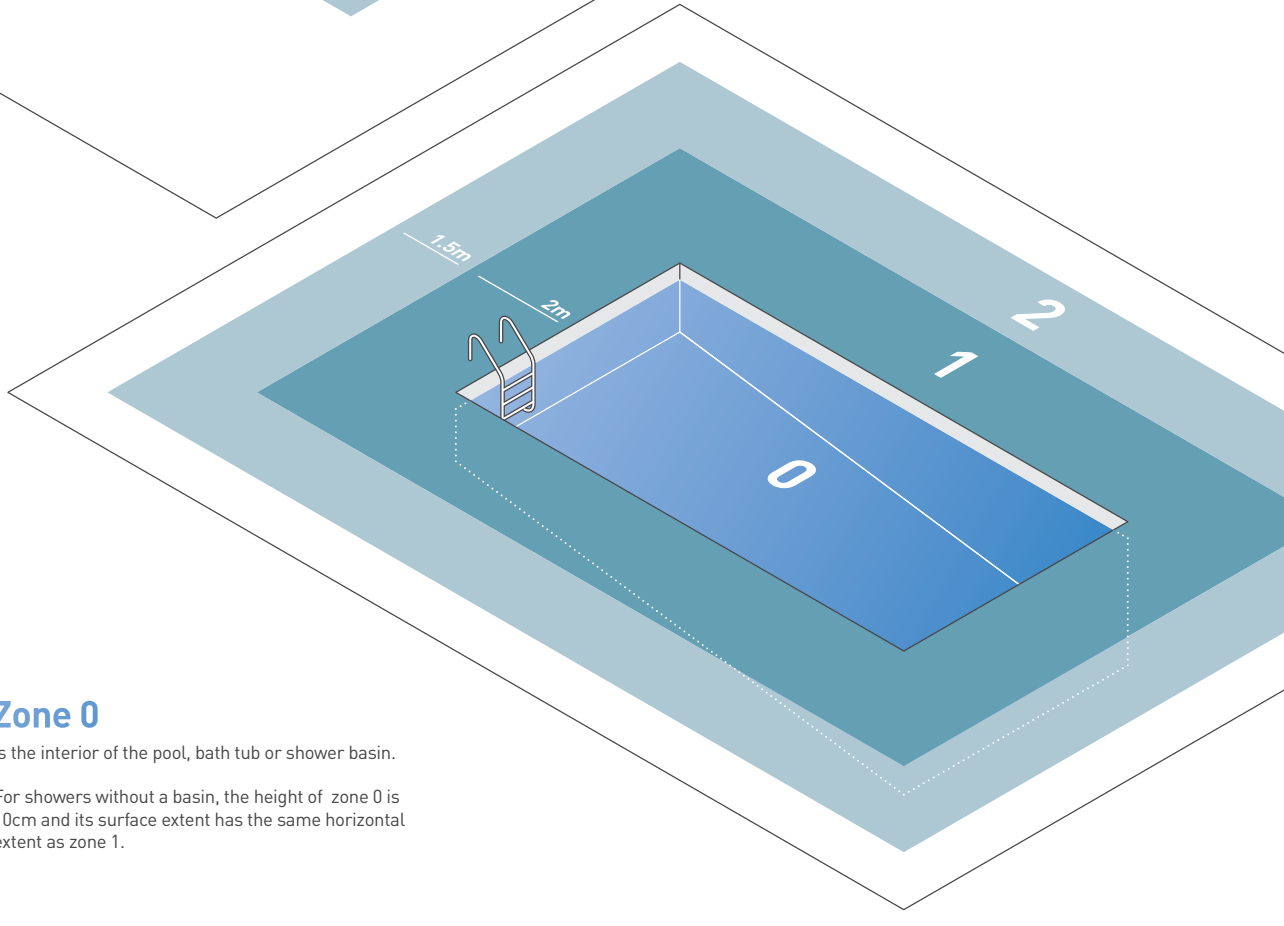
WHAT IP RATING DO I NEED?

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 an 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 and increased zone 1 is provided by the horizontal dimension of 1.2m.

INDEX (PRODUCT RANGE)

DOWNLIGHTS

H2 LITE

DL388BS5530 80
DL388BS5540
NEW TO EDITION 21

DL388MW5530 80
DL388MW5540
NEW TO EDITION 21

H2 PRO 550 / H2 PRO 550 T

DL35638NW 81
DL35638NWEM
DLT35638NW
DLT35638NWEM
DL35638WW
DL35638WWEM
DLT35638WW
DLT35638WWEM
(bezels available separately)

DL3566027 81
DL3566027EM
DL35660NW
DL35660NWEM
DLT35660NW
DLT35660NWEM
DL35660WW
DL35660WWEM
DLT35660WW
DLT35660WWEM
(bezels available separately)

H2 PRO 700 / H2 PRO 700 T

DL2423827 82
DL2423827EM
DLT2423827
DLT2423827EM
DL2423830
DL2423830EM
DLT2423830
DLT2423830EM
DL2423840
DL2423840EM
DLT2423840
DLT2423840EM
(bezels available separately)

DL2425527 82
DL2425527EM
DLT2425527
DLT2425527EM
DL2425530
DL2425530EM
DLT2425530
DLT2425530EM
DL2425540
DL2425540EM
DLT2425540
DLT2425540EM
(bezels available separately)

H2 PRO 550 / 700 (T) BEZELS

RB539BLK 83
(sold in multiples of two)

H2 PRO 550 / 700 (T) BEZELS

RB359BS 83
(sold in multiples of two)

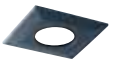
RB359CR 83
(sold in multiples of two)

RB359PG 83
(sold in multiples of two)

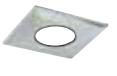
RB359SIL 83
(sold in multiples of two)

RB359MW 83
(sold in multiples of two)

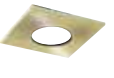
RB359WH 83
(sold in multiples of two)



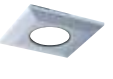
SQB360BLK 83
(sold in multiples of two)



SQB360CR 83
(sold in multiples of two)



SQB360PG 83
(sold in multiples of two)



SQB360SIL 83
(sold in multiples of two)

SQB360MW 83
(sold in multiples of two)

H4 FF

H4FF38BSNWDIM 84
H4FF38BSNWEM
H4TFF38BSNWDIM
H4TFF38BSNWEM
H4FF38BSWWDIM
H4FF38BSWWEM
H4TFF38BSWWDIM
H4TFF38BSWWEM

H4FF38CRNWDIM 84
H4FF38CRNWEM
H4TFF38CRNWDIM
H4TFF38CRNWEM
H4FF38CRWWDIM
H4FF38CRWWEM
H4TFF38CRWWDIM
H4TFF38CRWWEM

H4FF38MWNWDIM 84
H4FF38MWNWEM
H4TFF38MWNWDIM
H4TFF38MWNWEM
H4FF38MWWWDIM
H4FF38MWWWEM
H4TFF38MWWWDIM
H4TFF38MWWWEM

H4TFF38WHNWDIM 84
H4TFF38WHNWEM
H4TFF38WHWWDIM
H4TFF38WHWWEM

H4FF60BSNWDIM 85
H4FF60BSNWEM
H4TFF60BSNWDIM
H4TFF60BSNWEM
H4FF60BSWWDIM
H4FF60BSWWEM
H4TFF60BSWWDIM
H4TFF60BSWWEM

H4FF60CRNWDIM 85
H4FF60CRNWEM
H4TFF60CRNWDIM
H4TFF60CRNWEM
H4FF60CRWWDIM
H4FF60CRWWEM
H4TFF60CRWWDIM
H4TFF60CRWWEM

H4FF60MWNWDIM 85
H4FF60MWNWEM
H4TFF60MWNWDIM
H4TFF60MWNWEM
H4FF60MWWWDIM
H4FF60MWWWEM
H4TFF60MWWWDIM
H4TFF60MWWWEM

H4TFF60WHNWDIM 85
H4TFF60WHNWEM
H4TFF60WHWWDIM
H4TFF60WHWWEM

H4 PRO 700 T

DLT415BS3827 86
DLT415BS3827EM
DLT415BS3830
DLT415BS3830EM
DLT415BS3840
DLT415BS3840EM

DLT415MW3827 86
DLT415MW3827EM
DLT415MW3830
DLT415MW3830EM
DLT415MW3840
DLT415MW3840EM

DOWNLIGHTS

DLT415WH3827 86
DLT415WH3827EM
DLT415WH3830
DLT415WH3830EM
DLT415WH3840
DLT415WH3840EM

DLT415BS5527 87
DLT415BS5527EM
DLT415BS5530
DLT415BS5530EM
DLT415BS5540
DLT415BS5540EM

DLT415MW5527 87
DLT415MW5527EM
DLT415MW5530
DLT415MW5530EM
DLT415MW5540
DLT415MW5540EM

DLT415WH5527 87
DLT415WH5527EM
DLT415WH5530
DLT415WH5530EM
DLT415WH5540
DLT415WH5540EM

H4 EYEBALL

DL185BSNWDIM 88
DL185BSNWEM
DLT185BSNWDIM
DLT185BSNWEM
DL185BSWWDIM
DL185BSWWEM
DLT185BSWWDIM
DLT185BSWWEM

DL185CRNWDIM 88
DL185CRNWEM
DLT185CRNWDIM
DLT185CRNWEM
DL185CRWWDIM
DL185CRWWEM
DLT185CRWWDIM
DLT185CRWWEM

DL185WHNWDIM 88
DL185WHNWEM
DLT185WHNWDIM
DLT185WHNWEM
DL185WHWWDIM
DL185WHWWEM
DLT185WHWWDIM
DLT185WHWWEM

H5 500 TRIMLESS

DL282WHNWDIM 89
DL282WHNWEM
DL282WHWWDIM
DL282WHWWEM

H5 500 SYMMETRIC

DL284BSNWDIM 90
DL284BSNWEM
DLT284BSNWDIM
DLT284BSNWEM
DL284BSWWDIM
DL284BSWWEM
DLT284BSWWDIM
DLT284BSWWEM

DL284CRNWDIM 90
DL284CRNWEM
DLT284CRNWDIM
DLT284CRNWEM

DL284WHNWDIM 90
DL284WHNWEM
DLT284WHNWDIM
DLT284WHNWEM
DL284WHWWDIM
DL284WHWWEM
DLT284WHWWDIM
DLT284WHWWEM

H5 500 ASYMMETRIC

DL283BSNWDIM 91
DL283BSNWEM
DLT283BSNWDIM
DLT283BSNWEM
DL283BSWWDIM
DL283BSWWEM
DLT283BSWWDIM
DLT283BSWWEM

DL283CRNWDIM 91
DL283CRNWEM
DLT283CRNWDIM
DLT283CRNWEM
DL283CRWWDIM
DL283CRWWEM
DLT283CRWWDIM
DLT283CRWWEM

DL283WHNWDIM 91
DL283WHNWEM
DLT283WHNWDIM
DLT283WHNWEM
DL283WHWWDIM
DL283WHWWEM
DLT283WHWWDIM
DLT283WHWWEM

H5 1000 SYMMETRIC

DL292BSNW 92
DLT292BSNW
DL292BSWW
DLT292BSWW

DL292WHNW 92
DLT292WHNW
DL292WHWW
DLT292WHWW

H5 1000 ASYMMETRIC

DL291BSNW 93
DLT291BSN
DL291BSWW
DLT291BSWW

DL291WHNW 93
DLT291WHNW
DL291WHWW
DLT291WHWW

H6

H6NDNW 94
H6NDWW

H6DIMNW 95
H6DIMWW

ACCESSORIES

14800121 97

DL/CONVERTBLK 96

DL/CONVERTCR 96

DL/CONVERTSIL 96

DLCONVERT160WH 96

DLCONVERT70BS 96

DLCONVERT70CR 96

DLCONVERT70MW 96

DLCONVERT70PG 96

DLCONVERT70WH 96

INDEX (PRODUCT RANGE)

DOWNLIGHTS

DLCONVERT98BS 96

DLCONVERT98CR 96

DLCONVERT98WH 96

DM298GRID 97

LEDEM01 99

LEDEP05 98
LEDEP05BAT

LEDEP360 100

SYNC CABLE 4M 97

DOWNLIGHTS

AR119 SIL 109

AR120 SIL 109

AR220 SIL 109

DL120 NW 105
DL120 WW

DL130 NW 105
DL130 WW

DL201FNW 101
DL201FWW

DL201SNW 101
DL201SWW

DL DROP ROD 104

DL PENDANT F NW 103
DL PENDANT F WW

DL SURFACE F NW 102
DL SURFACE F WW

DM012527 110
DM012530
DM012540

DH02WH 111

DH03WH 111

DH04WH 111

DH05WH 111

FIBRE LED 1/30 107
FIBRE LED 2/30

FIBRE LED LIGHT NW 106

RL1112027 108
RL1112030
RL1112040

RL1114027 108
RL1114030
RL1114040

GROUND LIGHTS

GL007A F NW 116
GL007A F WW

GL007A S NW 116
GL007A S WW

GL007 FROSTED NW 117
GL007 FROSTED WW

GL008A F NW 115
GL008A F WW

GL008A S NW 115
GL008A S WW

GL009A F NW 114
GL009A F WW

GL009A S NW 114
GL009A S WW

GL016 F AB AMBER 124
GL016 F AB BLUE
GL016 F AB GREEN
GL016 F AB NW
GL016 F AB RED
GL016 F AB WW

GL016 F AMBER 123
GL016 F BLUE
GL016 F GREEN
GL016 F NW
GL016 F RED
GL016 F WW

GL016 SQ BLUE 123
GL016 SQ NW
GL016 SQ WW

GROUND LIGHTS

GL018 C AB AMBER 132
GL018 C AB BLUE
GL018 C AB GREEN
GL018 C AB NW
GL018 C AB RED
GL018 C AB WW

GL018 C AMBER 131
GL018 C BLUE
GL018 C GREEN
GL018 C NW
GL018 C RED
GL018 C WW

GL018 SQ BLUE 133
GL018 SQ NW
GL018 SQ WW

GL018 T BLUE 134
GL018 T NW

GL019LGFNW 127
GL019LGFWW

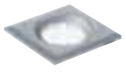
NEW TO EDITION 21

GL019LGSNW 127
GL019LGSWW

NEW TO EDITION 21

GL019 F AMBER 126
GL019 F BLUE
GL019 F GREEN
GL019 F NW
GL019 F RED
GL019 F WW

GL019 S AMBER 126
GL019 S BLUE
GL019 S GREEN
GL019 S NW
GL019 S RED
GL019 S WW

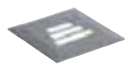

GL019 SQ F BLUE 128
GL019 SQ F NW
GL019 SQ F WW

GL019 SQ S BLUE 128
GL019 SQ S NW

GL019 S T BLUE 129
GL019 S T NW
GL019 S T WW

GL019 S TK BLUE 130
GL019 S TK NW

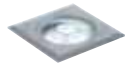
GL021 BLUE 125
GL021 NW
GL021 WW


GL022 BLUE 125
GL022 NW
GL022 WW

GL038A F BL 119
GL038A F NW
GL038A F WW

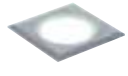
GL040 F BLUE 121
GL040 F NW
GL040 F WW

GL040 S BLUE 121
GL040 S NW
GL040 S WW


GL041 F NW 121
GL041 F WW

GL041 S NW 121
GL041 S WW

GL050 BLUE 122
GL050 NW
GL050 WW


GL051 BLUE 122
GL051 NW
GL051 WW

GL063 118

GL064 118

GL090 F BL 120
GL090 F NW
GL090 F WW

GL090 S BL 120
GL090 S NW
GL090 S WW

TUBE/33 135
TUBE/50
TUBE/68

WALL LIGHTS

GL034A NW 139
GL034A WW

MC010 S AMBER 155
MC010 S BLUE
MC010 S GREEN
MC010 S NW
MC010 S RED
MC010 S WW

MC015 S BL 153
MC015 S NW
MC015 S WW

MC020 S AMBER 154
MC020 S BLUE
MC020 S GREEN
MC020 S NW
MC020 S RED
MC020 S WW

MC025 S BL 153
MC025 S NW

MC040 NW 144
MC040 WW

MC050 NW 144
MC050 WW

MF02 IP AMBER 156
MF02 IP BLUE
MF02 IP GREEN
MF02 IP NW
MF02 IP RED
MF02 IP WW

ML01 AMBER 158
ML01 BLUE
ML01 GREEN
ML01 NW
ML01 RED

ML02 AMBER 159
ML02 BLUE
ML02 GREEN
ML02 NW
ML02 RED
ML02 WW

ML03 AMBER 160
ML03 BLUE
ML03 GREEN
ML03 NW
ML03 RED
ML03 WW

MS02 IP AMBER 157
MS02 IP BLUE
MS02 IP GREEN
MS02 IP NW
MS02 IP RED
MS02 IP WW

OCTOLEDNW 146
OCTOLEDWW

INDEX (PRODUCT RANGE)

WALL LIGHTS

WB/M 01 162

WB/M 02 162

WB/M 02/30 DEGREE 162

WB/M BOX 163

WL020A BLK F NW
WL020A BLK F WW 149

WL020A BLK S NW
WL020A BLK S WW 149

WL041 IP AMBER
WL041 IP BLUE
WL041 IP NW
WL041 IP WW 150

WL050 BLUE
WL050 NW
WL050 WW 152

WL050 WALL BOX 163

WL060 NW
WL060 WW 145

WL070A NW
WL070A WW 142

WL075A NW
WL075A WW 143

WL140A F NW
WL140A F WW 147

WL160 NW
WL160 WW 145

WL170A NW
WL170A WW 142

WL175A NW
WL175A WW 143

WL220A F NW
WL220A F WW 149

WL220A MAINS F NW
WL220A MAINS F WW 148

WL220A MAINS S NW
WL220A MAINS S WW 148

WL220A S NW
WL220A S WW 149

WL240A F NW
WL240A F WW 147

WL261FNW
WL261FWW 138

WL261SNW
WL261SWW 138

WL262FNW
WL262FWW 138

WL262SNW
WL262SWW 138

WL320A F NW
WL320A F WW 149

WL339NW
WL339WW 140

WL340NW
WL340WW 140

WL341NW
WL341WW 141

WL342NW
WL342WW 141

WL370A NW
WL370A WW 142

WL80GX0X30
WL80GX0X40 151

NEW TO EDITION 21

WL92KC1E30
WL92KC1E40
WL92KC1X30
WL92KC1X40 161

NEW TO EDITION 21

STRIP LIGHTS

ACRYLIC COVER C 1M
ACRYLIC COVER F 1M 169

CO7010
CO7020 171

CO7ECA 171

CO7ECB 171

CO7MB 171

STRIP LIGHTS

CON EXT M/F 6X12 173
CON FEMALE 6X12
CON MALE 6X12

CONNECTOR 6X12 173
CONNECTOR 6X12 5M

CONNECTOR L 6X12 173

CONNECTOR T 6X12 173

CONNECTOR X 6X12 173

CX7010 171
CX7020

CXECA 171

CXECB 171

CXECC 171

CXECD 171

LED COVE PACK 1M 169

LSC8EXT 172

LSC8PWL 172

LSC8327XXX 180
LSC8330XXX
LSC8340XXX

LEDSTRIP IP AMB 181
LEDSTRIP IP BL
LEDSTRIP IP NW
LEDSTRIP IP RED
LEDSTRIP IP WW

LINE PROF END CAP 169

LINE PROF FIX CLIP 169

LINE PROFILE 20MM 1M 169

LSC0327XXX 176
LSC0330XXX
LSC0340XXX

LSC0527XXX 178

LSC4327XXX 177
LSC4330XXX
LSC4340XXX

LSC4527XXX 179
LSC4530XXX
LSC4540XXX

LSFC8 172
LSFCD8
LSFCS8

LSFC12 172
LSFCD12
LSFCS12

LSV0327050 174
LSV0330050
LSV0340050

LSV4327XXX 175
LSV4330XXX
LSV4340XXX

PROFILE 6X12 BLK 1M 169

PROFILE 6X12 SIL 1M 169

RP28010 171
RP28020

RP28ECA 171

RP7010 170
RP7020

RP7ECA 170

RP7ECB 170

SM28010 170
SM28020

SM28ECA 170

SM28MB 170

SM7010 170
SM7020

SM7ECA 170

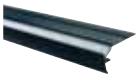
SM7ECB 170

INDEX (PRODUCT RANGE)

STRIP LIGHTS

SM7LC 170

SM7MB 170


SPBLK2M 169

SPSIL2M 169

U PROFILE 6X12 1M 169

RETAIL RANGE

RDSLBLK2030 RDSLBLK2040 RDSLBLK7030 RDSLBLK7040 192

RDSLSIL2030 RDSLSIL2040 RDSLSIL7030 RDSLSIL7040 192

RDSLWH2030 RDSLWH2040 RDSLWH7030 RDSLWH7040 192

RDSMBLK2030 RDSMBLK2040 RDSMBLK7030 RDSMBLK7040 194

RDSMSIL2030 RDSMSIL2040 RDSMSIL7030 RDSMSIL7040 194

RDSMWH2030 RDSMWH2040 RDSMWH7030 RDSMWH7040 194

RDSSBLK2030 RDSSBLK2040 RDSSBLK5030 RDSSBLK5040 196

RDSSSIL2030 RDSSSIL2040 RDSSSIL5030 RDSSSIL5040 196

RDSSWH2030 RDSSWH2040 RDSSWH5030 RDSSWH5040 196

RHCL RHCM RHCS 191

SKB11R1 SKB11R2 SKB11R3 187

SKB11T1 SKB11T2 SKB11T3 187

SKB121 SKB122 SKB123 187

SP4R1 SP4R2 SP4R3 186

SPR62 SPR63 186

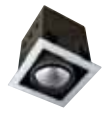
SPW11 SPW12 SPW13 186

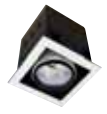
SQSLBLK2030 SQSLBLK2040 SQSLBLK7030 SQSLBLK7040 193

SQSLSIL2030 SQSLSIL2040 SQSLSIL7030 SQSLSIL7040 193

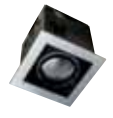
SQSLWH2030 SQSLWH2040 SQSLWH7030 SQSLWH7040 193

SQSMBLK2030 SQSMBLK2040 SQSMBLK7030 SQSMBLK7040 195


SQSMSIL2030 SQSMSIL2040 SQSMSIL7030 SQSMSIL7040 195


SQSMWH2030 SQSMWH2040 SQSMWH7030 SQSMWH7040 195

SQSSBLK2030 SQSSBLK2040 SQSSBLK5030 SQSSBLK5040 197


SQSSSIL2030 SQSSSIL2040 SQSSSIL5030 SQSSSIL5040 197

SQSSWH2030 SQSSWH2040 SQSSWH5030 SQSSWH5040 197

TLBLK2030 TLBLK2040 TLSIL2030 TLSIL2040 TLWH2030 TLWH2040 188

TLBLK7030 TLBLK7040 TLSIL7030 TLSIL7040 TLWH7030 TLWH7040 188

TMBLK2030 TMBLK2040 TMSIL2030 TMSIL2040 TMWH2030 TMWH2040 189

TMBLK7030 TMBLK7040 TMSIL7030 TMSIL7040 TMWH7030 TMWH7040 189

TSBLK2030 TSBLK2040 TSSIL2030 TSSIL2040 TSWH2030 TSWH2040 190

TSBLK5030 TSBLK5040 TSSIL5030 TSSIL5040 TSWH5030 TSWH5040 190

XTS111 XTS112 XTS113 187

XTS141 XTS142 XTS143 186

RETAIL RANGE

XTS211 XTS212 XTS213 **186**

XTS231 XTS232 XTS233 **186**

XTS241 XTS242 XTS243 **186**

XTS341 XTS342 XTS343 **187**

XTS351 XTS352 XTS353 **187**

XTS361 XTS362 XTS363 **186**

XTS371 XTS372 XTS373 **187**

XTS381 XTS382 XTS383 **186**

XTS391 XTS392 XTS393 **186**

XTS401 XTS402 XTS403 **187**

XTS41001 XTS41002 XTS41003 **186**

XTS411 XTS412 XTS413 **186**

XTS42001 XTS42002 XTS42003 **186**

XTSF101 XTSF102 XTSF103 **187**

XTSF301 XTSF302 XTSF303 **187**

XTSF41001 XTSF41002 XTSF41003 **187**

XTSF42001 XTSF42002 XTSF42003 **187**

XTSV12 **187**

UNIVERSAL LIGHTS

FL200FNW FL200FWW **200**

LEDLINE 400 NW 110 LEDLINE 400 WW 110 **201**

LEDLINE 400 NW 25X6 LEDLINE 400 WW 25X6 **202**

LEDLINE 400 NW 45 LEDLINE 400 WW 45 **203**

LED LYTE 1M EXT **216**

LED LYTE 6 WAY EXT **216**

LED LYTE AMBER LED LYTE BLUE LED LYTE NW LED LYTE RED LED LYTE WW **215**

UNIVERSAL LIGHTS

LED LYTE IP AMB LED LYTE IP BL LED LYTE IP GR LED LYTE IP NW LED LYTE IP RED LED LYTE IP WW **213**

LED LYTE IP T BL LED LYTE IP T NW **214**

LED LYTE SURFACE NW LED LYTE SURFACE WW **212**

UL010 BL UL010 NW UL010 WW **211**

UL030 BL UL030 NW UL030 WW **210**

ULBRACKET **216**

ULM345M30 ULM345M40 **204**

ULM346M30 ULM346M40 **205**

ULM347M30 ULM347M40 **206**

ULS345M30 ULS345M40 **207**

ULS346M30 ULS346M40 **208**

ULS347M30 ULS347M40 **209**

INDEX (PRODUCT RANGE)

SPIKE LIGHTS

SL020A BLK F NW 222
SL020A BLK F WW

SL020A BLK S NW 222
SL020A BLK S WW

SL030 F AMBER 224
SL030 F BLUE
SL030 F GREEN
SL030 F NW
SL030 F RED
SL030 F WW

SL040A F NW 220
SL040A F WW

SL040A S NW 220
SL040A S WW

SL13027 224
SL13030
SL13040

NEW TO EDITION 21

SL220A F NW 222
SL220A F WW

SL220A MAINS F NW 221
SL220A MAINS F WW

SL220A MAINS S NW 221
SL220A MAINS S WW

SL220A S NW 222
SL220A S WW

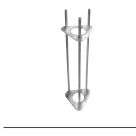
SL320A F NW 223
SL320A F WW

BOLLARDS

BOL255WW 231

BOLLARDS

BOL256WW 232


BOL255RM 233

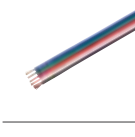
BOL LED 030 MAINS NW 228
BOL LED 030 MAINS WW

BOL LED 1 NW 229
BOL LED 1 WW

BOL LED BRACKET 230

COLOUR CHANGE

C100924 242

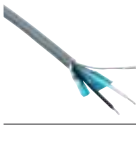

CF505RGBW 265

COLLINGWOODRGBW 239
REQUIRES TR2818

CR575RGBW 265

DL329RGBW 258

DMX2102 243


DMX RS 485 CABLE 265

COLOUR CHANGE

GL007RGBW 244

GL008RGBW 245

GL016RGBW 249

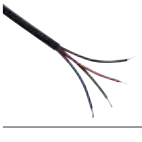
GL040CARGB 247

GL050RGBW 248

GL090RGBW 246

LED 3 RGB EXT 264

LEDRGBWEXT 264


LED RGB 0.75 CABLE 265

LL030CARGB 260

LL090RGBW 259

LSR0527XXX 262
LSR0530XXX
LSR0540XXX

LS5RGBXXX 263

COLOUR CHANGE

PR3002 241

PR3011 240

RC2819 238

SL021CARGB 261

SL220CARGB 261

TR2818 239

UL010RGBW 257

UL030RGBW 256

UL345CARGB 253

UL346CARGB 254

UL347CARGB 255

WC2820BLK 238

WC2820WH 238

WL021CARGB 252

WL070RGBW 250

WL075CARGB 251

WL220CARGB 252

WIRING & DRIVERS

CR135 BL
CR135 RED 283

HAL 104 274

IX 265 282

IX 365 282

JB1 282

JB2 282

JB3 282

JB4 283

WIRING & DRIVERS

JB5 283

JB6 283

JB7 283

PDC/GRID DIMMER 282

PDCINT1-10V 274

PL/IP/350 1-9 278

PL/IP/350 3-12 278

PL/IP/700 1-3 278

PL/IP/700 3-9 278

PLDCC/350/10-28 276

PLDCC/700/12-24 276

PLDM35020 276

PLDM70011 276

INDEX (PRODUCT RANGE)

WIRING & DRIVERS

PLDM/700 3 276

PLD UNI-DRIVE 350MA 276

PLD UNI-DRIVE 700MA 276

PLR/350 1-5 278

PLU/350 1-9 278

PLU/700 3-9 278

PLU/PP/350 1-9 278

PLU/PP6/350 1-9 278

PS10024 280

PS1524 278

PS288 278

PS3024 278

PS5024 278

PSDAL20024 280

PSDAL350M 276

PSDAL700M 276

PSDAL900M 278

PSDIM350 276

PSDIM700 276

PSDIM900 276

PSDIN10024 280

PSDIN350M 276

PSDIN700M 276

PSDIP10024 280

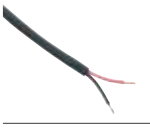
PSDIP6024 280

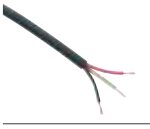
PSIP15024 280

PSIP24024 280

UY2 CONNECTOR 282

WC 5-9 282


WCR 275 BLACK 283


WCR 375 BLACK 283

14800121 97
ACRYLIC COVER C 1M 169
ACRYLIC COVER F 1M 169
AR119 SIL 109
AR120 SIL 109
AR220 SIL 109
BOL LED 030 MAINS NW 228
BOL255RM 233
BOL255WW 231
BOL256WW 232
BOL LED 030 MAINS WW 228
BOL LED 1 NW 229
BOL LED 1 WW 229
BOL LED BRACKET 230
C100924 242
CF505RGBW 265
CO7010 171
CO7020 171
CO7ECA 171
CO7ECB 171
CO7MB 171
COLLINGWOODRGBWAPP 239
CON EXT M/F 6X12 173
CON FEMALE 6X12 173
CON MALE 6X12 173
CONNECTOR 6X12 173
CONNECTOR 6X12 5M 173
CONNECTOR L 6X12 173
CONNECTOR T 6X12 173
CONNECTOR X 6X12 173
CR135 BL 283
CR135 RED 283
CR575RGBW 265
CX7010 171
CX7020 171
CXECA 171
CXECB 171
CXECC 171
CXECD 171
DH02WH 111
DH03WH 111
DH04WH 111
DH05WH 111
DL/CONVERTBLK 96
DL/CONVERTCR 96
DL/CONVERTSIL 96
DL120 NW 105
DL120 WW 105
DL130 NW 105
DL130 WW 105
DL185BSNWDIM 88
DL185BSNWEM 88
DL185BSWWDIM 88
DL185BSWWEM 88
DL185CRNWDIM 88
DL185CRNWEM 88
DL185CRWWDIM 88
DL185CRWWEM 88
DL185WHNWDIM 88
DL185WHNWEM 88
DL185WHWWDIM 88
DL185WHWWEM 88
DL201FNW 101
DL201FWW 101
DL201SNW 101
DL201SWW 101
DL2423827 82
DL2423827EM 82
DL2423830 82
DL2423830EM 82
DL2423840 82
DL2423840EM 82
DL2425527 82
DL2425527EM 82
DL2425530 82
DL2425530EM 82
DL2425540 82
DL2425540EM 82
DL282WHNWDIM 89
DL282WHNWEM 89
DL282WHWWDIM 89
DL282WHWWEM 89
DL283BSNWDIM 91
DL283BSNWEM 91
DL283BSWWDIM 91
DL283BSWWEM 91
DL283CRNWDIM 91
DL283CRNWEM 91
DL283CRWWDIM 91
DL283CRWWEM 91
DL283WHNWDIM 91
DL283WHNWEM 91
DL283WHWWDIM 91
DL283WHWWEM 91
DL284BSNWDIM 90
DL284BSNWEM 90
DL284BSWWDIM 90
DL284BSWWEM 90
DL284CRNWDIM 90
DL284CRNWEM 90
DL284WHNWDIM 90
DL284WHNWEM 90
DL284WHWWDIM 90
DL284WHWWEM 90
DL291BSNW 93
DL291BSWW 93
DL291WHNW 93
DL291WHWW 93
DL292BSNW 92
DL292BSWW 92
DL292WHNW 92
DL292WHWW 92
DL329RGBW 258
DL35638NW 81
DL35638NWEM 81
DL35638WW 81
DL35638WWEM 81
DL3566027 81
DL3566027EM 81
DL35660NW 81
DL35660NWEM 81
DL35660WW 81
DL35660WWEM 81
DL388BS5530 80
DL388BS5540 80
DL388MW5530 80
DL388MW5540 80
DLCONVERT160WH 96
DLCONVERT70BS 96
DLCONVERT70CR 96
DLCONVERT70MW 96
DLCONVERT70PG 96
DLCONVERT70WH 96
DLCONVERT98BS 96
DLCONVERT98CR 96
DLCONVERT98WH 96
DL DROP ROD 104
DL PENDANT F NW 103
DL PENDANT F WW 103
DL SURFACE F NW 102
DL SURFACE F WW 102
DLT185BSNWDIM 88
DLT185BSNWEM 88
DLT185BSWWDIM 88
DLT185BSWWEM 88
DLT185CRNWDIM 88
DLT185CRNWEM 88
DLT185CRWWDIM 88
DLT185CRWWEM 88
DLT185WHNWDIM 88
DLT185WHNWEM 88
DLT185WHWWDIM 88
DLT185WHWWEM 88
DLT2423827 82
DLT2423827EM 82
DLT2423830 82
DLT2423830EM 82
DLT2423840 82
DLT2423840EM 82
DLT2425527 82
DLT2425527EM 82
DLT2425530 82
DLT2425530EM 82
DLT2425540 82
DLT2425540EM 82
DLT283BSNWDIM 91
DLT283BSNWEM 91
DLT283BSWWDIM 91
DLT283BSWWEM 91
DLT283CRNWDIM 91
DLT283CRNWEM 91
DLT283CRWWDIM 91
DLT283CRWWEM 91
DLT283WHNWDIM 91
DLT283WHNWEM 91
DLT283WHWWDIM 91
DLT283WHWWEM 91
DLT284BSNWDIM 90
DLT284BSNWEM 90
DLT284BSWWDIM 90
DLT284BSWWEM 90
DLT284CRNWDIM 90
DLT284CRNWEM 90
DLT284WHNWDIM 90
DLT284WHNWEM 90
DLT284WHWWDIM 90
DLT284WHWWEM 90
DLT291BSN 93
DLT291BSWW 93
DLT291WHNW 93
DLT291WHWW 93
DLT292BSNW 92
DLT292BSWW 92
DLT292WHNW 92
DLT292WHWW 92
DLT35638NW 81
DLT35638NWEM 81
DLT35638WW 81
DLT35638WWEM 81
DLT35660NW 81
DLT35660NWEM 81
DLT35660WW 81
DLT35660WWEM 81
DLT415BS3827 86
DLT415BS3827EM 86
DLT415BS3830 86
DLT415BS3830EM 86
DLT415BS3840 86
DLT415BS3840EM 86
DLT415BS5527 87
DLT415BS5527EM 87
DLT415BS5530 87
DLT415BS5530EM 87
DLT415BS5540 87
DLT415BS5540EM 87
DLT415MW3827 86
DLT415MW3827EM 86
DLT415MW3830 86
DLT415MW3830EM 86
DLT415MW3840 86
DLT415MW3840EM 86
DLT415MW5527 87
DLT415MW5527EM 87
DLT415MW5530 87
DLT415MW5530EM 87
DLT415MW5540 87
DLT415MW5540EM 87
DLT415WH3827 86
DLT415WH3827EM 86
DLT415WH3830 86
DLT415WH3830EM 86
DLT415WH3840 86
DLT415WH3840EM 86
DLT415WH5527 87
DLT415WH5527EM 87
DLT415WH5530 87
DLT415WH5530EM 87
DLT415WH5540 87
DLT415WH5540EM 87
DM012527 110
DM012530 110
DM012540 110
DM298GRID 97
DMX2102 243
DMX RS 485 CABLE 265
FIBRE LED 1/30 107
FIBRE LED 2/30 107
FIBRE LED LIGHT NW 106

INDEX (ALPHABETICAL)

FL200FNW 200
FL200FWW 200
GL007A F NW 116
GL007A F WW 116
GL007A S NW 116
GL007A S WW 116
GL007 FROSTED NW 117
GL007 FROSTED WW 117
GL007RGBW 244
GL008A F NW 115
GL008A F WW 115
GL008A S NW 115
GL008A S WW 115
GL008RGBW 245
GL009A F NW 114
GL009A F WW 114
GL009A S NW 114
GL009A S WW 114
GL016 F AB AMBER 124
GL016 F AB BLUE 124
GL016 F AB GREEN 124
GL016 F AB NW 124
GL016 F AB RED 124
GL016 F AB WW 124
GL016 F AMBER 123
GL016 F BLUE 123
GL016 F GREEN 123
GL016 F NW 123
GL016 F RED 123
GL016 F WW 123
GL016RGBW 249
GL016 SQ BLUE 123
GL016 SQ NW 123
GL016 SQ WW 123
GL018 C AB AMBER 132
GL018 C AB BLUE 132
GL018 C AB GREEN 132
GL018 C AB NW 132
GL018 C AB RED 132
GL018 C AB WW 132
GL018 C AMBER 131
GL018 C BLUE 131
GL018 C GREEN 131
GL018 C NW 131
GL018 C RED 131
GL018 C WW 131
GL018 SQ BLUE 133
GL018 SQ NW 133
GL018 SQ WW 133
GL018 T BLUE 134
GL018 T NW 134
GL019LGFNW 127
GL019LGFWW 127
GL019LGSNW 127
GL019LGSWW 127
GL019 F AMBER 126
GL019 F BLUE 126
GL019 F GREEN 126
GL019 F NW 126
GL019 F RED 126
GL019 F WW 126
GL019 S AMBER 126
GL019 S BLUE 126
GL019 S GREEN 126
GL019 S NW 126
GL019 SQ F BLUE 128
GL019 SQ F NW 128
GL019 SQ F WW 128
GL019 SQ S BLUE 128
GL019 SQ S NW 128
GL019 S RED 126
GL019 S T BLUE 129
GL019 S TK BLUE 130
GL019 S TK NW 130
GL019 S T NW 129
GL019 S T WW 129
GL019 S WW 126
GL021 BLUE 125
GL021 NW 125
GL021 WW 125
GL022 BLUE 125
GL022 NW 125
GL022 WW 125
GL034A NW 139
GL034A WW 139
GL038A F BL 119
GL038A F NW 119
GL038A F WW 119
GL040CARGB 247
GL040 F BLUE 121
GL040 F NW 121
GL040 F WW 121
GL040 S BLUE 121
GL040 S NW 121
GL040 S WW 121
GL041 F NW 121
GL041 F WW 121
GL041 S NW 121
GL041 S WW 121
GL050 BLUE 122
GL050 NW 122
GL050RGBW 248
GL050 WW 122
GL051 BLUE 122
GL051 NW 122
GL051 WW 122
GL063 118
GL064 118
GL090 F BL 120
GL090 F NW 120
GL090 F WW 120
GL090RGBW 246
GL090 S BL 120
GL090 S NW 120
GL090 S WW 120
H4FF38BSNWDIM 84
H4FF38BSNWEM 84
H4FF38BSWWDIM 84
H4FF38BSWWEM 84
H4FF38CRNWDIM 84
H4FF38CRNWEM 84
H4FF38CRWWDIM 84
H4FF38CRWWEM 84
H4FF38MWNWDIM 84
H4FF38MWNWEM 84
H4FF38MWWWDIM 84
H4FF38MWWWEM 84
H4FF60BSNWDIM 85
H4FF60BSNWEM 85
H4FF60BSWWDIM 85
H4FF60BSWWEM 85
H4FF60CRNWDIM 85
H4FF60CRNWEM 85
H4FF60CRWWDIM 85
H4FF60CRWWEM 85
H4FF60MWNWDIM 85
H4FF60MWNWEM 85
H4FF60MWWWDIM 85
H4FF60MWWWEM 85
H4TFF38BSNWDIM 84
H4TFF38BSNWEM 84
H4TFF38BSWWDIM 84
H4TFF38BSWWEM 84
H4TFF38CRNWDIM 84
H4TFF38CRNWEM 84
H4TFF38CRWWDIM 84
H4TFF38CRWWEM 84
H4TFF38MWNWDIM 84
H4TFF38MWNWEM 84
H4TFF38MWWWDIM 84
H4TFF38MWWWEM 84
H4TFF38WHNWDIM 84
H4TFF38WHNWEM 84
H4TFF38WHWWDIM 84
H4TFF38WHWWEM 84
H4TFF60BSNWDIM 85
H4TFF60BSNWEM 85
H4TFF60BSWWDIM 85
H4TFF60BSWWEM 85
H4TFF60CRNWDIM 85
H4TFF60CRNWEM 85
H4TFF60CRWWDIM 85
H4TFF60CRWWEM 85
H4TFF60MWNWDIM 85
H4TFF60MWNWEM 85
H4TFF60MWWWDIM 85
H4TFF60MWWWEM 85
H4TFF60WHNWDIM 85
H4TFF60WHNWEM 85
H4TFF60WHWWDIM 85
H4TFF60WHWWEM 85
H6DIMNW 95
H6DIMWW 95
H6NDNW 94
H6NDWW 94
HAL 104 274
IX 265 282
IX 365 282
JB1 282
JB2 282
JB3 282
JB4 283
JB5 283
JB6 283
JB7 283
LED 3 RGB EXT 264
LED COVE PACK 1M 169
LEDEM01 99
LEDEP05 98
LEDEP05BAT 98
LEDEP360 100
LEDLINE 400 NW 110 204
LEDLINE 400 NW 25X6 205
LEDLINE 400 NW 45 206
LEDLINE 400 WW 110 204
LEDLINE 400 WW 25X6 205
LEDLINE 400 WW 45 206
LED LYTE 1M EXT 216
LED LYTE 6 WAY EXT 216
LED LYTE AMBER 215
LED LYTE BLUE 215
LED LYTE IP AMB 213
LED LYTE IP BL 213
LED LYTE IP GR 213
LED LYTE IP NW 213
LED LYTE IP RED 213
LED LYTE IP T BL 214
LED LYTE IP T NW 214
LED LYTE IP WW 213
LED LYTE NW 215
LED LYTE RED 215
LED LYTE SURFACE NW 212
LED LYTE SURFACE WW 212
LED LYTE WW 215
LED RGB 0.75 CABLE 265
LEDRGBWEXT 264
LEDSTRIP IP AMB 213
LEDSTRIP IP BL 213
LEDSTRIP IP NW 213
LEDSTRIP IP RED 213
LEDSTRIP IP WW 213
LINE PROF END CAP 169
LINE PROF FIX CLIP 169
LINE PROFILE 20MM 1M 169
LL030CARGB 260
LL090RGBW 259
LS5RGBXXX 263
LSC0327XXX 176
LSC0330XXX 176
LSC0340XXX 176
LSC0527XXX 178
LSC4327XXX 177
LSC4330XXX 177
LSC4340XXX 177
LSC4527XXX 179
LSC4530XXX 179
LSC4540XXX 179
LSC8327XXX 180
LSC8330XXX 180
LSC8340XXX 180
LSC8EXT 172
LSC8PWL 172
LSFC12 172
LSFC8 172
LSFCD12 172
LSFCD8 172
LSFCS12 172
LSFCS8 172

LSR0527XXX 262
LSR0530XXX 262
LSR0540XXX 262
LSV0327050 174
LSV0330050 174
LSV0340050 174
LSV4327XXX 175
LSV4330XXX 175
LSV4340XXX 175
MC010 S AMBER 155
MC010 S BLUE 155
MC010 S GREEN 155
MC010 S NW 155
MC010 S RED 155
MC010 S WW 155
MC015 S BL 153
MC015 S NW 153
MC015 S WW 153
MC020 S AMBER 154
MC020 S BLUE 154
MC020 S GREEN 154
MC020 S NW 154
MC020 S RED 154
MC020 S WW 154
MC025 S BL 153
MC025 S NW 153
MC040 NW 144
MC040 WW 144
MC050 NW 144
MC050 WW 144
MF02 IP AMBER 156
MF02 IP BLUE 156
MF02 IP GREEN 156
MF02 IP NW 156
MF02 IP RED 156
MF02 IP WW 156
ML01 AMBER 158
ML01 BLUE 158
ML01 GREEN 158
ML01 NW 158
ML01 RED 158
ML02 AMBER 159
ML02 BLUE 159
ML02 GREEN 159
ML02 NW 159
ML02 RED 159
ML02 WW 159
ML03 AMBER 160
ML03 BLUE 160
ML03 GREEN 160
ML03 NW 160
ML03 RED 160
ML03 WW 160
MS02 IP AMBER 157
MS02 IP BLUE 157
MS02 IP GREEN 157
MS02 IP NW 157
MS02 IP RED 157
MS02 IP WW 157
OCTOLEDNW 146
OCTOLEDWW 146
PDC/GRID DIMMER 282
PDCINT1-10V 274
PL/IP/350 1-9 278
PL/IP/350 3-12 278
PL/IP/700 1-3 278
PL/IP/700 3-9 278
PLDCC/350/10-28 276
PLDCC/700/12-24 276
PLDM/700 3 276
PLDM35020 276
PLDM70011 276
PLD UNI-DRIVE 350MA 276
PLD UNI-DRIVE 700MA 276
PLR/350 1-5 278
PLU/350 1-9 278
PLU/700 3-9 278
PLU/PP/350 1-9 278
PLU/PP6/350 1-9 278
PR3002 241
PR3011 240
PROFILE 6X12 BLK 1M 169
PROFILE 6X12 SIL 1M 169
PS10024 280
PS1524 278
PS288 278
PS3024 278
PS5024 278
PSDAL20024 280
PSDAL350M 276
PSDAL700M 276
PSDAL900M 278
PSDIM350 276
PSDIM700 276
PSDIM900 276
PSDIN10024 280
PSDIN350M 276
PSDIN700M 276
PSDIP10024 280
PSDIP6024 280
PSIP15024 280
PSIP24024 280
RB359BS 83
RB359CR 83
RB359MW 83
RB359PG 83
RB359SIL 83
RB359WH 83
RB539BLK 83
RC2819 238
RDSLBLK2030 192
RDSLBLK2040 192
RDSLBLK7030 192
RDSLBLK7040 192
RDSLSIL2030 192
RDSLSIL2040 192
RDSLSIL7030 192
RDSLSIL7040 192
RDSLWH2030 192
RDSLWH2040 192
RDSLWH7030 192
RDSLWH7040 192
RDSMBLK2030 194
RDSMBLK2040 194
RDSMBLK7030 194
RDSMBLK7040 194
RDSMSIL2030 194
RDSMSIL2040 194
RDSMSIL7030 194
RDSMSIL7040 194
RDSMWH2030 194
RDSMWH2040 194
RDSMWH7030 194
RDSMWH7040 194
RDSSBLK2030 196
RDSSBLK2040 196
RDSSBLK5030 196
RDSSBLK5040 196
RDSSSIL2030 196
RDSSSIL2040 196
RDSSSIL5030 196
RDSSSIL5040 196
RDSSWH2030 196
RDSSWH2040 196
RDSSWH5030 196
RDSSWH5040 196
RHCL 191
RHCM 191
RHCS 191
RL1112027 108
RL1112030 108
RL1112040 108
RL1114027 108
RL1114030 108
RL1114040 108
RP28010 171
RP28020 171
RP28ECA 171
RP7010 170
RP7020 170
RP7ECA 170
RP7ECB 170
SKB11R1 187
SKB11R2 187
SKB11R3 187
SKB11T1 187
SKB11T2 187
SKB11T3 187
SKB121 187
SKB122 187
SKB123 187
SL020A BLK F NW 222
SL020A BLK F WW 222
SL020A BLK S NW 222
SL020A BLK S WW 222
SL021CARGB 261
SL030 F AMBER 224
SL030 F BLUE 224
SL030 F GREEN 224
SL030 F NW 224
SL030 F RED 224
SL030 F WW 224
SL040A F NW 220
SL040A F WW 220
SL040A S NW 220
SL040A S WW 220
SL13027 224
SL13030 224
SL13040 224
SL220A F NW 222
SL220A F WW 222
SL220A MAINS F NW 221
SL220A MAINS F WW 221
SL220A MAINS S NW 221
SL220A MAINS S WW 221
SL220A S NW 222
SL220A S WW 222
SL220CARGB 261
SL320A F NW 223
SL320A F WW 223
SM28010 170
SM28020 170
SM28ECA 170
SM28MB 170
SM7010 170
SM7020 170
SM7ECA 170
SM7ECB 170
SM7LC 170
SM7MB 170
SP4R1 186
SP4R2 186
SP4R3 186
SPBLK2M 169
SPR62 186
SPR63 186
SPSIL2M 169
SPW11 186
SPW12 186
SPW13 186
SQB360BLK 83
SQB360CR 83
SQB360MW 83
SQB360PG 83
SQB360SIL 83
SQSLBLK2030 193
SQSLBLK2040 193
SQSLBLK7030 193
SQSLBLK7040 193
SQSLSIL2030 193
SQSLSIL2040 193
SQSLSIL7030 193
SQSLSIL7040 193
SQSLWH2030 193
SQSLWH2040 193
SQSLWH7030 193
SQSLWH7040 193
SQSMBLK2030 195
SQSMBLK2040 195
SQSMBLK7030 195
SQSMBLK7040 195
SQSMSIL2030 195
SQSMSIL2040 195
SQSMSIL7030 195
SQSMSIL7040 195
SQSMWH2030 195
SQSMWH2040 195
SQSMWH7030 195

INDEX (ALPHABETICAL)

SQSMWH7040 195
SQSSBLK2030 197
SQSSBLK2040 197
SQSSBLK5030 197
SQSSBLK5040 197
SQSSSIL2030 197
SQSSSIL2040 197
SQSSSIL5030 197
SQSSSIL5040 197
SQSSWH2030 197
SQSSWH2040 197
SQSSWH5030 197
SQSSWH5040 197
SYNC CABLE 4M 97
TLBLK2030 188
TLBLK2040 188
TLBLK7030 188
TLBLK7040 188
TLSIL2030 188
TLSIL2040 188
TLSIL7030 188
TLSIL7040 188
TLWH2030 188
TLWH2040 188
TLWH7030 188
TLWH7040 188
TMBLK2030 189
TMBLK2040 189
TMBLK7030 189
TMBLK7040 189
TMSIL2030 189
TMSIL2040 189
TMSIL7030 189
TMSIL7040 189
TMWH2030 189
TMWH2040 189
TMWH7030 189
TMWH7040 189
TR2818 239
TSBLK2030 190
TSBLK2040 190
TSBLK5030 190
TSBLK5040 190
TSSIL2030 190
TSSIL2040 190
TSSIL5030 190
TSSIL5040 190
TSWH2030 190
TSWH2040 190
TSWH5030 190
TSWH5040 190
TUBE/33 135
TUBE/50 135
TUBE/68 135
UL010 BL 211
UL010 NW 211
UL010RGBW 257
UL010 WW 211
UL030 BL 210
UL030 NW 210
UL030RGBW 256
UL030 WW 210
UL345CARGB 253
UL346CARGB 254
UL347CARGB 255
ULBRACKET 216
ULM345M30 204
ULM345M40 204
ULM346M30 205
ULM346M40 205
ULM347M30 206
ULM347M40 206
ULS345M30 207
ULS345M40 207
ULS346M30 208
ULS346M40 208
ULS347M30 209
ULS347M40 209
U PROFILE 6X12 1M 169
UY2 CONNECTOR 282
WB/M 01 162
WB/M 02/30 DEGREE 162
WB/M 02 162
WB/M BOX 163
WC2820BLK 238
WC2820WH 238
WC 5-9 282
WCR 275 BLACK 283
WCR 375 BLACK 283
WL020A BLK F NW 149
WL020A BLK F WW 149
WL020A BLK S NW 149
WL020A BLK S WW 149
WL021CARGB 252
WL041 IP AMBER 150
WL041 IP BLUE 150
WL041 IP NW 150
WL041 IP WW 150
WL050 BLUE 152
WL050 NW 152
WL050 WALL BOX 163
WL050 WW 152
WL060 NW 145
WL060 WW 145
WL070A NW 142
WL070A WW 142
WL070RGBW 250
WL075A NW 143
WL075A WW 143
WL075CARGB 251
WL140A F NW 147
WL140A F WW 147
WL160 NW 145
WL160 WW 145
WL170A NW 142
WL170A WW 142
WL175A NW 143
WL175A WW 143
WL220A F NW 149
WL220A F WW 149
WL220A MAINS F NW 148
WL220A MAINS F WW 148
WL220A MAINS S NW 148
WL220A MAINS S WW 148
WL220A S NW 149
WL220A S WW 149
WL220CARGB 252
WL240A F NW 147
WL240A F WW 147
WL261FNW 138
WL261FWW 138
WL261SNW 138
WL261SWW 138
WL262FNW 138
WL262FWW 138
WL262SNW 138
WL262SWW 138
WL320A F NW 149
WL320A F WW 149
WL339NW 140
WL339WW 140
WL340NW 140
WL340WW 140
WL341NW 141
WL341WW 141
WL342NW 141
WL342WW 141
WL370A NW 142
WL370A WW 142
WL80GX030 151
WL80GX040 151
WL92KC1E30 161
WL92KC1E40 161
WL92KC1X30 161
WL92KC1X40 161
XTS111 186
XTS112 186
XTS113 186
XTS141 186
XTS142 186
XTS143 186
XTS211 186
XTS212 186
XTS213 186
XTS231 186
XTS232 186
XTS233 186
XTS241 186
XTS242 186
XTS243 186
XTS341 187
XTS342 187
XTS343 187
XTS351 187
XTS352 187
XTS353 187
XTS361 187
XTS362 187
XTS363 187
XTS371 186
XTS372 186
XTS373 186
XTS381 186
XTS382 186
XTS383 186
XTS391 186
XTS392 186
XTS393 186
XTS401 187
XTS402 187
XTS403 187
XTS41001 186
XTS41002 186
XTS41003 186
XTS411 186
XTS412 186
XTS413 186
XTS42001 186
XTS42002 186
XTS42003 186
XTSF101 187
XTSF102 187
XTSF103 187
XTSF301 187
XTSF302 187
XTSF303 187
XTSF41001 187
XTSF41002 187
XTSF41003 187
XTSF42001 187
XTSF42002 187
XTSF42003 187
XTSV12 187

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.

9.5 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.

Collingwood Lighting
Brooklands House, Sywell Aerodrome
Sywell Northampton, NN6 0BT

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

Join Collingwood Lighting on social media

MIX
Paper from responsible sources
FSC® C013417

CAT UK ED21