

Lighting controls.

Our wiring and drivers selection will provide all the components required to install our products, providing both ease of installation and maintenance-free installations for many years to come. Offering both wiring and drivers for all Collingwood products, you will receive the same high-quality features and benefits as standard that are provided with our lights.

To complement our RGB and RGBW products, we also offer a range of control systems. Use them to create unique lighting zones which control separate areas with a handheld, wall mounted or smart device control (suitable for Android and iOS.) Also included in our extensive range of control devices is our range of dimmable power supplies, providing the ability to easily control the ambiance of individual zones. Available in 1-10V, DALI or mains dimming, installing Collingwood products as part of a home automation system could not be easier.

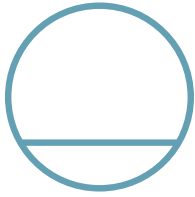
Drivers.

The ideal driver for every installation

We offer a wide range of drivers, suitable for any environment that are ideal for all Collingwood Lighting products, so you can expect the highest levels of quality and durability throughout your installation.

IP ratings

IP ratings classify the degrees of protection provided against the intrusion of solid objects and water in electrical enclosures.



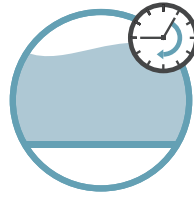
IP20

Perfect for use indoors and where there is no risk of water splashing the product.



IP64

Ideal for use indoors or outdoors, in bathrooms and other places where water may be sprayed onto the product.



IP67

Suited for use outdoors and near water, but cannot be permanently submerged.

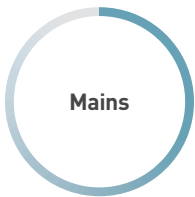
DIN rail

Electrical contractors use DIN rail enclosures more frequently for a neat, professional finish to a lighting installation.



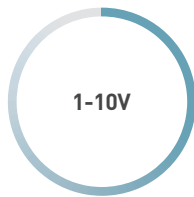
Dimming options

As each installation is unique and has individual requirements, choose between mains, 1-10V or DALI dimming options.



Mains

If your product has an integrated mains dimmable driver, no separate driver is required. This is classed as a 'straight to mains' product.



1-10V

With a 1-10V system, all the LEDs connected to the dimmer will dim at an equal amount.

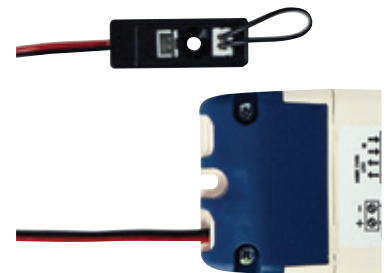


DALI

A DALI system can be structured in a way which allows LEDs to respond to certain rooms or zones. Each LED in the same zone will dim an equal amount*.

Plug and play

Installing and connecting a driver is made much easier using plug and play. If you have a suitable product, use one of our plug and play drivers for straightforward installation.



Output classification options – constant current / constant voltage

350mA

Use a 350mA driver when powering 350mA products.

700mA

Use a 700mA driver when powering 700mA products.

24mA

Use a 24v driver when powering 24v products.

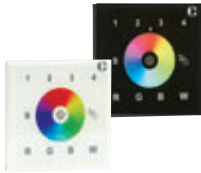
Colour change.

Making controlling colour easier

Use our easy to follow step-by-step colour change control guide on pages **372-383** and follow the guide to determine what you need for your installation.

Remote controls

Offering a choice between hand held, wall mounted or app control, finding the perfect device for you couldn't be easier. Choose the ideal control for the number of zones that you want to manage. See **376-377** about zones.



WC2820WH / WC2820BLK

1-4 zones
Wall mounted control.



RC2819

1-6 zones
Handheld control.



CollingwoodRGBW App

1-8 zones
Smart device app for Android & iOS.

Controllers

This is the device used to receive a signal from your remote or DMX control system which then matches the LEDs to the colour you have selected. You will need one controller for each zone.



C100924

This eliminates the requirement for complex DMX systems. The C100924 receives the signal from the remote and matches the LEDs to the colour you have selected.



DMX2102

Using this allows our colour change system to function well with a DMX controller. The DMX2102 receives the signal from the remote and matches the LEDs to the colour you have selected.

Power repeaters

A power repeater distributes the power from the power supply to the products.



PR3011

Ideal for when using constant current products. With the ability to fit up to 100 of these to a C100924 controller, you can have as many as 600 luminaires per zone.



PR3002

Ideal solution for when using 24V products such as LED strip. With the ability to fit up to 100 of these to a C100924 controller, you can have as much as 1000m of LED strip per zone.

Products per driver matrix

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

PSDIM180 **PSMD35039** **PSMD3501324** **PSDAL350M** **PSDIM350** **PLD UNI-DRIVE 350MA** **PSDIM350M** **PLDCC/350/10-28**
Numbers are for 24V input, halve the maximum for 12V input **PLR/350 1-5** **PLU/350 1-9** **PSIP3509W**
Available August 2020 **PSIP35019W**
Available August 2020 **PLU/PP/350 1-9** **PLU/PP6/350 1-9** **PSMD700610** **PSMD70024**

| Driver information | PSDIM180 | PSMD35039 | PSMD3501324 | PSDAL350M | PSDIM350 | PLD UNI-DRIVE 350MA | PSDIM350M | PLDCC/350/10-28 | PLR/350 1-5 | PLU/350 1-9 | PSIP3509W | PSIP35019W | PLU/PP/350 1-9 | PLU/PP6/350 1-9 | PSMD700610 | PSMD70024 |
|--------------------------------------|----------|-----------|-------------|---------------|----------|---------------------|-----------|-----------------|-------------|-------------|-----------|------------|----------------|-----------------|------------|-----------|
| Constant Current or Constant Voltage | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC |
| Output classification | 180mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 700mA | 700mA |
| IP rating | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP65 | IP65 | IP20 | IP20 | IP20 | IP20 |
| Dimmable | Mains | Mains | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | No | No | No | No | No | No | No | Mains | Mains |
| DIN rail mount | No | No | No | No | No | No | Yes | No | No | No | No | No | No | No | No | No |
| Plug & Play | Yes | No | No | No | No | No | No | No | No | No | No | No | Yes | Yes | No | No |

Residential lighting

| | | | | | | | | | | | | | | | | |
|----------------------------------|--|-----|-------|------|------|------|------|------|-----|-----|-----|------|-----|-----|--|--|
| Fibre LED Light Page 126 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| DL120 Page 128 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| DL130 Page 129 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| MC020 S Page 138 | | 2-4 | 7-12 | 1-9 | 1-9 | 1-5 | 1-5 | 1-3* | 1-2 | 1-4 | 1-4 | 5-8 | 1-4 | 1-4 | | |
| MC010 S Page 139 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| MF02 IP Page 142 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| MS02 IP Page 143 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| WL050 Page 145 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| ML01 Page 147 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| ML02 Page 148 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| ML03 Page 149 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| LED LYTE SURFACE Page 150 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| LED LYTE IP Page 151 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| LED LYTE IP T Page 152 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| LED LYTE Page 153 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |

Modules that require housing

| | | | | | | | | | | | | | | | | |
|-----------------------|---|--|---|-----|-----|---|---|--|--|--|--|---|--|--|-----|---|
| RL111 Page 130 | | | 1 | 1-2 | 1-2 | 1 | 1 | | | | | 1 | | | | |
| DM01 Page 132 | | | | | | | | | | | | | | | 2-3 | 1 |
| DM02 Page 133 | 1 | | | | | | | | | | | | | | | |

Commercial lighting

| | | | | | | | | | | | | | | | | |
|----------------------|--|--|---|-----|-----|---|---|--|--|--|--|---|--|--|--|---|
| RDSL Page 326 | | | | | | | | | | | | | | | | |
| SQSL Page 327 | | | | | | | | | | | | | | | | |
| RDSM Page 328 | | | | | | | | | | | | | | | | 1 |
| SQSM Page 329 | | | | | | | | | | | | | | | | 1 |
| RDSS Page 330 | | | 1 | 1-2 | 1-2 | 1 | 1 | | | | | 1 | | | | |
| SQSS Page 331 | | | 1 | 1-2 | 1-2 | 1 | 1 | | | | | 1 | | | | |

Products per driver matrix

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

PSDIM180 *PSMD35039* *PSMD3501324* *PSDAL350M* *PSDIM350* *PLD UNI-DRIVE 350MA* *PSDIM350M* *PLDCC/350/10-28*
Numbers are for 24V input, halve the maximum for 12V input *PLR/350 1-5* *PLU/350 1-9* *PSIP3509W*
Available August 2020 *PSIP35019W*
Available August 2020 *PLU/PP/350 1-9* *PLU/PP6/350 1-9* *PSMD700610* *PSMD70024*

| Driver information | | | | | | | | | | | | | | | | |
|--------------------------------------|-------|-------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Constant Current or Constant Voltage | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC |
| Output classification | 180mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 700mA | 700mA |
| IP rating | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP65 | IP65 | IP20 | IP20 | IP20 |
| Dimmable | Mains | Mains | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | No | No | No | No | No | No | No | Mains | Mains |
| DIN rail mount | No | No | No | No | No | No | Yes | No | No | No | No | No | No | No | No | No |
| Plug & Play | Yes | No | No | No | No | No | No | No | No | No | No | No | Yes | Yes | No | No |

| Landscape lighting | | | | | | | | | | | | | | | | |
|---------------------------------------|--|-----|-------|------|------|------|------|------|-----|-----|-----|------|-----|-----|------|-----|
| GL090 Page 208 | | | | | | | | | | | | | | | 2-3 | 1 |
| GL040 Page 209 | | 2-4 | 6-11 | 1-12 | 1-12 | 1-8 | 1-8 | 1-3* | 1-3 | 1-4 | 1-4 | 5-8 | 1-4 | 1-4 | 3-5 | 1-2 |
| GL040 Ultra low glare Page 210 | | 2-4 | 6-11 | 1-12 | 1-12 | 1-8 | 1-8 | 1-3* | 1-3 | 1-4 | 1-4 | 5-8 | 1-4 | 1-4 | | |
| GL041 Page 211 | | 1-3 | 5-8 | 1-6 | 1-6 | 1-3 | 1-3 | 1-2* | 1 | 1-3 | 1-2 | 3-5 | 1-3 | 1-3 | 2-3 | 1 |
| GL019 Page 213 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL019 Ultra low glare Page 214 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| GL019LG Page 215 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| GL019 Frosted Page 216 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| GL019 SQ Page 217 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL019 S T Page 218 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL019 S TK Page 219 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL016 Page 220 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL016 SQ Page 222 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL016 F AB Page 221 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL016 Frosted Page 223 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| GL063 Page 224 | | 1-3 | 5-8 | 1-6 | 1-6 | 1-3 | 1-3 | 1-2* | 1 | 1-3 | 1-7 | 3-5 | 1-3 | 1-3 | | |
| GL064 Page 225 | | 1-2 | 4-6 | 1-4 | 1-4 | 1-2 | 1-2 | 1* | 1 | 1-2 | 1-2 | 3-4 | 1-2 | 1-2 | | |
| GL100 Page 226-227 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| GL050 Page 230 | | 1-3 | 5-8 | 1-6 | 1-6 | 1-3 | 1-3 | 1-2* | 1 | 1-3 | 1-2 | 3-5 | 1-3 | 1-3 | | |
| GL051 Page 231 | | 1-3 | 5-8 | 1-6 | 1-6 | 1-3 | 1-3 | 1-2* | 1 | 1-3 | 1-2 | 3-5 | 1-3 | 1-3 | | |
| GL018 C Page 232 | | | | | | | | | | | | | | | | |
| GL018 C AB Page 233 | | | | | | | | | | | | | | | | |
| GL018 SQ Page 234 | | | | | | | | | | | | | | | | |
| GL018 T Page 235 | | | | | | | | | | | | | | | | |
| GL021 Page 244 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| GL022 Page 245 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |
| OCTOLED Page 258 | | 1-2 | 4-6 | 1-4 | 1-4 | 1-2 | 1-2 | 1* | 1 | 1-2 | 1-2 | 3-4 | 1-2 | 1-2 | | |
| UL030 Page 264 | | 2-4 | 6-11 | 1-12 | 1-12 | 1-8 | 1-8 | 1-3* | 1-3 | 1-4 | 1-4 | 5-8 | 1-4 | 1-4 | 3-5 | 1-2 |
| UL010 Page 265 | | | | | | | | | | | | | | | 6-10 | 2-4 |
| LEDLINE 400 110 Page 268 | | | | | | | | | | | | | | | 1 | |
| LEDLINE 400 25X6 Page 271 | | | | | | | | | | | | | | | 1 | |
| LEDLINE 400 45 Page 274 | | | | | | | | | | | | | | | 1 | |

Products per driver matrix

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

PSDIM180 *PSMD35039* *PSMD3501324* *PSDAL350M* *PSDIM350* *PLD UNI-DRIVE 350MA* *PSDIM350M* *PLDCC/350/10-28*
Numbers are for 24V input, halve the maximum for 12V input *PLR/350 1-5* *PLU/350 1-9* *PSIP3509W*
Available August 2020 *PSIP35019W*
Available August 2020 *PLU/PP/350 1-9* *PLU/PP6/350 1-9* *PSMD700610* *PSMD70024*

| Driver information | | | | | | | | | | | | | | | | |
|--------------------------------------|-------|-------|-------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Constant Current or Constant Voltage | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC |
| Output classification | 180mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 350mA | 700mA | 700mA |
| IP rating | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP65 | IP65 | IP20 | IP20 | IP20 |
| Dimmable | Mains | Mains | Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | No | No | No | No | No | No | No | Mains | Mains |
| DIN rail mount | No | No | No | No | No | No | Yes | No | No | No | No | No | No | No | No | No |
| Plug & Play | Yes | No | No | No | No | No | No | No | No | No | No | No | Yes | Yes | No | No |

| Landscape lighting (continued from previous page) | | | | | | | | | | | | | | | | |
|---------------------------------------------------|--|-----|-------|------|------|------|------|------|-----|-----|-----|------|-----|-----|------|-----|
| SL220 Page 280 | | 2-4 | 6-11 | 1-12 | 1-12 | 1-8 | 1-8 | 1-3* | 1-3 | 1-4 | 1-4 | 5-8 | 1-4 | 1-4 | 3-5 | 1-2 |
| SL030 Page 284 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| SL130 Page 285 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | 6-10 | 2-4 |
| SL040A Page 283 | | | | | | | | | | | | | | | 2-3 | 1 |
| SL230 Page 288 | | 1-2 | 3-5 | 1-6 | 1-6 | 1-4 | 1-4 | 1* | 1 | 1-2 | 1-2 | 3-4 | 1-2 | 1-2 | 2-2 | 1 |
| SL240 Page 286 | | 1-2 | 3-5 | 1-6 | 1-6 | 1-4 | 1-4 | 1* | 1 | 1-2 | 1-2 | 3-4 | 1-2 | 1-2 | 2-2 | 1 |
| SL250 Page 290 | | | | | | | | | | | | | | | | |
| BOL01 Page 297 | | 3-9 | 13-24 | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 1-5 | 1-9 | 1-8 | 9-17 | 1-9 | 1-9 | | |

| Strip lights | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| LSV02 Page 168 | | | | | | | | | | | | | | | | |
| LSV05 Page 169 | | | | | | | | | | | | | | | | |
| LSV04 Page 170 | | | | | | | | | | | | | | | | |
| LSV06 Page 71 | | | | | | | | | | | | | | | | |
| LSV42 Page 172 | | | | | | | | | | | | | | | | |
| LSV45 Page 173 | | | | | | | | | | | | | | | | |
| LSV44 Page 174 | | | | | | | | | | | | | | | | |
| LSV46 Page 175 | | | | | | | | | | | | | | | | |
| LSV82 Page 176 | | | | | | | | | | | | | | | | |
| LSV85 Page 177 | | | | | | | | | | | | | | | | |
| LSV84 Page 178 | | | | | | | | | | | | | | | | |
| LSV86 Page 179 | | | | | | | | | | | | | | | | |
| LSC03 Page 183 | | | | | | | | | | | | | | | | |
| LSC43 Page 184 | | | | | | | | | | | | | | | | |
| LSC45 Page 185 | | | | | | | | | | | | | | | | |
| LSC83 Page 186 | | | | | | | | | | | | | | | | |
| LEDSTRIP IP Page 187 | | | | | | | | | | | | | | | | |

To place an order use the driver partcodes below.

| PLDM70011 | PSDAL700M | PSDIM700 | PLD UNI-DRIVE 700MA | PSDIN700M | PLDCC700 12-24 <small>*Numbers are for 24V input, have the maximum for 12V input</small> | PLU700 3-9 | PSIP70018W <small>Available August 2020</small> | PSIP70036W <small>Available August 2020</small> | PSDIM900 | PSDAL900M | PSMD3024 | PS1524 | PS3024B | PS5024 | PS10024 | PS7524 | PSMDIP10024 | PSDIP6024 | PSDIP10024 | PSDAL20024 | PSIP15024 | PSIP25024 |
|-----------|---------------|----------|---------------------|-----------|---------------------------------------------------------------------------------------------|------------|----------------------------------------------------|----------------------------------------------------|----------|-----------|----------|--------|---------|--------|---------|--------|-------------|-----------|------------|------------|-----------|-----------|
| CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CC | CV | CV | CV | CV | CV | CV | CV | CV | CV | CV | CV | CV |
| 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 700mA | 900mA | 900mA | 900mA | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V | 24V |
| IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP65 | IP65 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP20 | IP66 | IP66 | IP66 | IP66 | IP67 | IP67 |
| Mains | DALI or 1-10V | 1-10V | 1-10V | 1-10V | No | No | No | No | 1-10V | DALI | Mains | 1-10V† | 1-10V† | 1-10V† | 1-10V† | No | Mains | 1-10V | 1-10V | DALI | 1-10V† | 1-10V† |
| No | No | No | No | Yes | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No |
| Yes | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No | No |

† Requires a **PDCINT1-10V** interface to make it 1 - 10V dimmable

| | | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|------|------|------|-----|-----|------|--|--|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| | 1-11 | 1-11 | 1-7 | 1-7 | 1-3* | 1-4 | 1-3 | 4-7 | | | | | | | | | | | | | | |
| | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 3-9 | 1-8 | 9-17 | | | | | | | | | | | | | | |
| | 1-18 | 1-18 | 1-10 | 1-10 | 1-6* | 3-9 | 1-8 | 9-17 | | | | | | | | | | | | | | |
| | 1-6 | 1-6 | 1-3 | 1-3 | 1-2* | 1-3 | 1-2 | 3-5 | | | | | | | | | | | | | | |
| | 1-5 | 1-5 | 1-3 | 1-3 | 1* | 1-2 | 1 | 2-3 | | | | | | | | | | | | | | |
| | 1-5 | 1-5 | 1-3 | 1-3 | 1* | 1-2 | 1 | 2-3 | | | | | | | | | | | | | | |
| | | | | | | | | | | | 5-7 | 1-3 | 1-7 | 1-12 | 1-25 | 1-18 | 1-25 | 1-15 | 1-25 | 1-50 | 1-37 | 1-62 |

| | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|-------|-----|------|------|------|------|------|------|------|------|------|------|
| | | | | | | | | | | | 4-6m | ≤3m | ≤6m | ≤10m | ≤20m | ≤15m | ≤20m | ≤12m | ≤20m | ≤41m | ≤31m | ≤52m |
| | | | | | | | | | | | 2-3m | ≤1m | ≤3m | ≤5m | ≤10m | ≤7m | ≤10m | ≤6m | ≤10m | ≤20m | ≤15m | ≤26m |
| | | | | | | | | | | | 2m | ≤1m | ≤2m | ≤3m | ≤6m | ≤5m | ≤6m | ≤4m | ≤6m | ≤13m | ≤10m | ≤17m |
| | | | | | | | | | | | 1m | - | ≤1m | ≤2m | ≤5m | ≤3m | ≤5m | ≤3m | ≤5m | ≤10m | ≤7m | ≤13m |
| | | | | | | | | | | | 4-6m | ≤3m | ≤6m | ≤10m | ≤20m | ≤15m | ≤20m | ≤12m | ≤20m | ≤41m | ≤31m | ≤52m |
| | | | | | | | | | | | 2-3m | ≤1m | ≤3m | ≤5m | ≤10m | ≤7m | ≤10m | ≤6m | ≤10m | ≤20m | ≤15m | ≤26m |
| | | | | | | | | | | | 2m | ≤1m | ≤2m | ≤3m | ≤6m | ≤5m | ≤6m | ≤4m | ≤6m | ≤13m | ≤10m | ≤17m |
| | | | | | | | | | | | 1m | - | ≤1m | ≤2m | ≤5m | ≤3m | ≤5m | ≤3m | ≤5m | ≤10m | ≤7m | ≤13m |
| | | | | | | | | | | | 4-6m | ≤3m | ≤6m | ≤10m | ≤20m | ≤15m | ≤20m | ≤12m | ≤20m | ≤41m | ≤31m | ≤52m |
| | | | | | | | | | | | 2-3m | ≤1m | ≤3m | ≤5m | ≤10m | ≤7m | ≤10m | ≤6m | ≤10m | ≤20m | ≤15m | ≤26m |
| | | | | | | | | | | | 2m | ≤1m | ≤2m | ≤3m | ≤6m | ≤5m | ≤6m | ≤4m | ≤6m | ≤13m | ≤10m | ≤17m |
| | | | | | | | | | | | 1m | - | ≤1m | ≤2m | ≤5m | ≤3m | ≤5m | ≤3m | ≤5m | ≤10m | ≤7m | ≤13m |
| | | | | | | | | | | | 4-6m | ≤3m | ≤6m | ≤10m | ≤20m | ≤15m | ≤20m | ≤12m | ≤20m | ≤41m | ≤31m | ≤52m |
| | | | | | | | | | | | 4-6m | ≤3m | ≤6m | ≤10m | ≤20m | ≤15m | ≤20m | ≤12m | ≤20m | ≤41m | ≤31m | ≤52m |
| | | | | | | | | | | | 2m | ≤1m | ≤2m | ≤3m | ≤6m | ≤5m | ≤6m | ≤4m | ≤6m | ≤13m | ≤10m | ≤17m |
| | | | | | | | | | | | 4-6m | ≤3m | ≤6m | ≤10m | ≤20m | ≤15m | ≤20m | ≤12m | ≤20m | ≤41m | ≤31m | ≤52m |
| | | | | | | | | | | | 7-10m | ≤5m | ≤10m | ≤17m | ≤34m | ≤25m | ≤34m | ≤20m | ≤34m | ≤68m | ≤51m | ≤86m |

Products per driver matrix

Choosing the right power repeater and 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 will be installed in your zone 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

| 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 |

Power repeater comparison

| | CONSTANT CURRENT / CONSTANT VOLTAGE | RATED WATTAGE | INPUT CURRENT | INPUT VOLTAGE | OUTPUT CURRENT | OUTPUT VOLTAGE | 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 |



Dimming Interface

| | TYPE OF INTERFACE | RATED WATTAGE | INPUT CURRENT | INPUT VOLTAGE | OUTPUT CURRENT | OUTPUT VOLTAGE | 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 & DALI dimming | | 99% | IP20 | |

For full interface and power repeater specifications visit our website collingwoodlighting.com

The products will be powered by power repeaters that require a 24V driver. The table below shows which driver is needed for the number of power repeaters being used.














| Products per PR3011 | | | Products per PR3011 | | | PR3011s per driver | | |
|---------------------|----------|-----------------|---------------------|----------|-----------------|--------------------|-------------------------|------------------|
| Product code | | Max. per PR3011 | Product code | | Max. per PR3011 | Number of PR3011s | Wattage driver required | Product (driver) |
| DL329RGBW | Page 386 | 6 | LL090RGBW | Page 384 | 2 | 1 | 50W | PS5024 |
| GL007RGBW | Page 388 | 2 | UL010RGBW | Page 395 | 6 | 2 - 3 | 100W | PS10024 |
| GL008RGBW | Page 387 | 1 | UL030RGBW | Page 394 | 2 | 4 - 5 | 150W | PSIP15024 |
| GL016RGBW | Page 391 | 6 | UL345CARGB | Page 396 | 1 | | | |
| GL040CARGB | Page 390 | 6 | UL346CARGB | Page 397 | 1 | | | |
| GL050RGBW | Page 392 | 6 | UL347CARGB | Page 398 | 1 | | | |
| GL090RGBW | Page 389 | 2 | WL070RGBW | Page 393 | 1 | | | |
| LL030CARGB | Page 385 | 6 | | | | | | |

| IP RATING | LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | DIMENSIONS | WEIGHT | CONNECTIONS | ACCESSORIES | WARRANTY |
|-----------|--------------------|----------------|-----------------------------|----------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------|-------------|------------------|
| IP20 | Yes | | Short circuit & overheating | H: 28.5mm L: 170mm W: 58mm |  165g | Screw terminals < 2.5mm ² cable | | 5 year guarantee |
| IP20 | Yes | | Short circuit & overheating | H: 28.5mm L: 170mm W: 58mm |  165g | Screw terminals < 2.5mm ² cable | | 5 year guarantee |

| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELV | DIMENSIONS (MM) | WEIGHT | CONNECTION OUTPUT | INPUT CABLE | OUTPUT CABLE | ACCESSORIES | WARRANTY |
|--------------------|----------------|---------------------------------------|------|--------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------|-------------------------|------------------------------------|------------------|
| | | Short circuit, overload & overheating | Yes | H: 19mm L: 115mm W: 34mm |  100g | Screw terminals 1 x 1-2.5mm ² cable | | | | 2 year guarantee |
| | | | | H: 28mm L: 138mm W: 40mm |  80g | Terminals | 4mm ² max. | 1.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER | 1 year guarantee |

Driver comparison.

For full driver specifications visit our website collingwoodlighting.com

| | RATED WATTAGE (OUTPUT) | OUTPUT VOLTAGE | OUTPUT CURRENT | INPUT WATTAGE (MAX) | INPUT VOLTAGE | INPUT CURRENT (MAX) | INRUSH CURRENT | POWER FACTOR | AMBIENT TEMP. (TA = °C) | CONTROL | DOUBLE INSULATION | EFFICIENCY | IP RATING | PLUG & PLAY |
|------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|----------------|---------------------|---------------|---------------------|----------------|--------------|-------------------------|-----------------------------|-------------------|--------------------|-----------|-------------|
|  PSMD35039 | 10W | 8-28V | 350mA | 13W | 220-240V AC | 0.06A | 33A 0.15ms | >0.9 | 40 °C | Mains dimmable | Yes | 75% min. | IP20 | |
|  PSMD3501324 | 24W | 34-68.5V | 350mA | 30W | 220-240V AC | 0.12A | 20A 0.13ms | 0.95 | 45 °C | Mains dimmable | Yes | 80% min. | IP20 | |
|  PSDAL350M | N/A (see page 406-411) | 2-74V | 350mA | 30W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25 °C to 50 °C | Push, 1-10V & DALI dimmable | Yes | 90% | IP20 | |
|  PSDIM350 | N/A (see page 406-411) | 2 - 74V | 350mA | 30W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25 °C to 50 °C | Push & 1-10V dimmable | Yes | >80% | IP20 | |
|  PLD UNI-DRIVE 350MA | N/A (see page 406-411) | 2-46V | 350mA | 18W | 110-240V AC | 0.14A | 5A 0.05ms | 0.98 | -25 °C to 50 °C | Push & 1-10V dimmable | Yes | 80% | IP20 | |
|  PSDIN350 | N/A (see page 406-411) | 2-46V | 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 406-411) | 2-22V | 350mA | | 10-28V DC | | | | 40 °C | Non-dimmable | | 60% | IP20 | |
|  PLR/350 1-5 | N/A (see page 406-411) | 3-23V | 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 406-411) | 2.8-27V | 350mA | 25W | 220-240V AC | 0.14A | 25.5A 0.6ms | 0.55 | 40 °C | Non-dimmable | Yes | 80% | IP40 | |
|  PSIP3509W | N/A (see page 406-411) | 2.5-25v | 350mA | 11W | 220-240V AC | 0.05A | 8A 0.1ms | >0.9 | 50 °C | Non-dimmable | Yes | 82% with full load | IP65 | |
|  PSIP35018W | N/A (see page 406-411) | 25-50v | 350mA | 20W | 220-240V AC | 0.1A | 13A 0.1ms | >0.9 | 50 °C | Non-dimmable | Yes | 83% with full load | IP65 | |
|  PLU/PP/350 1-9 | N/A (see page 406-411) | 2.8-27V | 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 406-411) | 2.8-27V | 350mA | 25W | 220-240V AC | 0.14A | 25.5A 0.6ms | 0.55 | 40 °C | Non-dimmable | Yes | 80% | IP40 | Yes |

| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELY | DIMENSIONS (MM) | WEIGHT | CONNECTION OUTPUT | INPUT CABLE (M) | OUTPUT CABLE | ACCESSORIES | WARRANTY |
|--------------------|----------------|----------------------------------------|------|------------------------------------|-------------------------------------------------------------------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------|------------------|
| | | Short circuit, overload & over current | Yes | H: 19.2mm L: 123mm W: 44.6mm |  | Terminals | 0.5-1.5mm ² | 0.5-1.5mm ² | | 3 year guarantee |
| | | Short circuit, overload & over current | Yes | H: 22mm L: 155mm W: 35mm |  | Terminals | 0.5-1.5mm ² | 0.5-1.5mm ² | | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 103mm W: 67mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | Yes | Short circuit, overload & overheating | Yes | H: 36mm L: 70mm W: 90mm |  | Terminals | 0.5-4mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | | | Yes | H: 12mm L: 40mm W: 18mm |  | Flying leads | 0.2 | 0.2 | | 1 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 19mm Ø: 53mm |  | Flying leads | 0.2 | 0.2 | | 1 year guarantee |
| Yes | | Short circuit, overload & overheating | Yes | H: 28mm L: 111mm W: 48mm |  | Loop-in loop-out terminals | 1.5mm ² max. | 1.5mm ² max. | PLU weatherproof housing IX 265 | 1 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 24mm L: 160mm W: 38mm |  | Flying leads | 0.2 | 0.2 | | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 25mm L: 42mm W: 180mm |  | Flying leads | 0.2 | 0.2 | | 5 year guarantee |
| Yes | | Short circuit, overload & overheating | Yes | H: 28mm L: 111mm W: 48mm |  | Loop-in loop-out terminals | 1.5mm ² max. | 1.5mm ² max. | 1m Plug & Play extension lead LED LYTE 1M EXT 6-way Plug & Play extension lead LED LYTE 6 WAY EXT | 1 year guarantee |
| Yes | | Short circuit, overload & overheating | Yes | H: 28mm L: 111mm W: 48mm |  | Loop-in loop-out terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | 1m Plug & Play extension lead LED LYTE 1M EXT 6-way Plug & Play extension lead LED LYTE 6 WAY EXT | 1 year guarantee |

Driver comparison.













For full driver specifications visit our website collingwoodlighting.com






| | RATED WATTAGE (OUTPUT) | OUTPUT VOLTAGE | OUTPUT CURRENT | INPUT WATTAGE (MAX) | INPUT VOLTAGE | INPUT CURRENT (MAX) | INRUSH CURRENT | POWER FACTOR | AMBIENT TEMP. (TA = °C) | CONTROL | DOUBLE INSULATION | EFFICIENCY | IP RATING | PLUG & PLAY |
|-------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|----------------|---------------------|---------------|---------------------|----------------|--------------|-------------------------|-----------------------------|-------------------|--------------------|-----------|-------------|
|  PSMD700610 | 24W | 17-37V | 700mA | 30W | 220-240V AC | 0.12A | 28A 0.16ms | 0.95 | 45 °C | Mains dimmable | Yes | 80% min. | IP20 | |
|  PSMD70024 | 10W | 4-14V | 700mA | 13W | 220-240V AC | 0.06A | 31A 0.12ms | 0.9 | 40 °C | Mains dimmable | Yes | 75% min. | IP20 | |
|  PLDM70011 | N/A (see page 406-411) | 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 406-411) | 2-72V | 700mA | 56W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25 °C to 50 °C | Push, 1-10V & DALI dimmable | Yes | 90% | IP20 | |
|  PSDIM700 | N/A (see page 406-411) | 2-72V | 700mA | 56W | 110-240V AC | 0.25A | 20A 0.4ms | 0.95 | -25 °C to 50 °C | Push & 1-10V dimmable | Yes | 80% | IP20 | |
|  PLD UNI-DRIVE 700MA | N/A (see page 406-411) | 2-46V | 700mA | 30W | 110-240V AC | 0.14A | 5A 0.05ms | 0.98 | -25 °C to 50 °C | Push & 1-10V dimmable | Yes | 80% | IP20 | |
|  PSDIN700M | N/A (see page 406-411) | 2-46V | 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 406-411) | 2-22V | 700mA | | 10-28V DC | | | | 40 °C | Non-dimmable | | 70% | IP20 | |
|  PLU/700 3-9 | N/A (see page 406-411) | 8-27V | 700mA | 32W | 220-240V AC | 0.10A | 14.9A 0.6ms | 0.85 | 40 °C | Non-dimmable | Yes | 80% | IP40 | |
|  PSIP70018W | N/A (see page 406-411) | 2.5-25V | 700mA | 20W | 220-240V AC | 0.1A | 12A 0.1ms | >0.9 | 50 °C | Non-dimmable | Yes | 83% with full load | IP65 | |
|  PSIP70036W | N/A (see page 406-411) | 25-50V | 700mA | 40W | 220-240V AC | 0.12A | 18A 0.1ms | >0.9 | 50 °C | Non-dimmable | Yes | 85% with full load | IP65 | |
|  PSDIM900 | N/A (see page 406-411) | 2-55V | 900mA | 56W | 110-240V AC | 0.18A | 20A 0.4ms | >0.95 | -25 °C to 50 °C | Push & 1-10V dimmable | Yes | >80% | IP20 | |
|  PSDAL900M | N/A (see page 406-411) | 2-55V | 900mA | 56W | 110-240V AC | 0.25A | 20A 0.4ms | >0.95 | -25 °C to 50 °C | Push, 1-10V & DALI dimmable | Yes | >80% | IP20 | |

| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELY | DIMENSIONS (MM) | WEIGHT | CONNECTION OUTPUT | INPUT CABLE (M) | OUTPUT CABLE | ACCESSORIES | WARRANTY |
|--------------------|----------------|----------------------------------------|------|---------------------------------|-------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------|------------------|
| | | Short circuit, overload & over current | Yes | H: 22mm L: 155mm W: 35mm |  | Terminals | 0.5-1.5mm ² | 0.5-1.5mm ² | | 3 year guarantee |
| | | Short circuit, overload & over current | Yes | H: 19.2mm L: 78mm W: 50mm |  | Terminals | 0.5-1.5mm ² | 0.5-1.5mm ² | | 3 year guarantee |
| | | Open circuit & short circuit | Yes | H: 28mm L: 78mm W: 50mm |  | Plug & Play | 0.15m, 0.75mm ² 2-core cable | AWG24 with Plug & Play connector |  | |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 103mm W: 67mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | Yes | Short circuit, overload & overheating | Yes | H: 36mm L: 70mm W: 90mm |  | Terminals | 0.5-4mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | | | Yes | H: 18mm L: 50mm W: 32mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | | 1 year guarantee |
| Yes | | Short circuit, overload & overheating | Yes | H: 28mm L: 138mm W: 40mm |  | Loop-in loop-out terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | | 1 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 24mm L: 160mm W: 38mm |  | Flying leads | 0.2 | 0.2 | | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 25mm L: 180mm W: 42mm |  | Flying leads | 0.2 | 0.2 | | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 22mm L: 123mm W: 79mm |  | Terminals | 0.5-2.5mm ² max. | 0.5-2.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER 4m sync cable SYNC CABLE 4M | 5 year guarantee |

Driver comparison.

For full driver specifications visit our website collingwoodlighting.com

| | RATED WATTAGE (OUTPUT) | OUTPUT VOLTAGE | OUTPUT CURRENT | INPUT WATTAGE (MAX) | INPUT VOLTAGE | INPUT CURRENT (MAX) | INRUSH CURRENT | POWER FACTOR | AMBIENT TEMP. (TA = °C) | CONTROL | DOUBLE INSULATION | EFFICIENCY | IP RATING | PLUG & PLAY |
|-----------------------------------------------------------------------------------------------------------|------------------------|----------------|----------------|---------------------|---------------|---------------------|----------------|--------------|-------------------------|----------------------------|-------------------|-------------------|-----------|-------------|
|  PSMD3024 | 30W | 24V DC | 1.25A max. | 36W | 180-240V AC | 0.17A | 3A 78ms | >0.9 | -20°C to 50°C | Mains Dimmable | Yes | 83% with max load | IP20 | |
|  PS1524 | 15W | 24V DC | 0.625A max. | 18W | 220-240V AC | 0.08A | 28A 0.02ms | >0.5 | 45°C | Dimmable with PDCINT 1-10V | Yes | >84% | IP20 | |
|  PS3024B | 30W | 24V DC | 1.25A max. | 36W | 220-240V AC | 0.24A | 20A 0.78ms | >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 | |
|  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 | |
|  PS7524 | 75W | 24V DC | 3.13A max. | 90W | 200-240V AC | 0.4A max. | 75A 0.11ms | >0.9 | -20°C to 45°C | Dimmable with PDCINT 1-10V | Yes | 85% | IP20 | |
|  PSMDIP10024 | 100W | 24V DC | 4.17A | 120W | 180-264V AC | 0.8A max. | 30A 0.2ms | 0.6 | 40°C | Mains dimmable | | 85% with max load | IP66 | |
|  PSDIP6024 | 60W | 24V DC | 2.5A max. | 71W | 220-240V AC | 0.35A | 10A 0.4ms | >0.9 | -25°C to 45°C | 0-10V dimmable | | >85% | IP66 | |
|  PSDIP10024 | 100W | 24V DC | 4.15A max. | 120W | 220-240V AC | 0.546A | 45A 0.7ms | >0.98 | -40°C to 60°C | 0-10V dimmable | | >80% | IP66 | |
|  PSDAL20024 | 200W | 24V DC | 8.33A max. | 240W | 220-240V AC | 1A | 50A 0.8ms | >0.98 | -25°C to 60°C | DALI dimmable | | >85% | IP66 | |
|  PSIP15024 | 150W | 24V DC | 6.3A max. | 178W | 220-240V AC | 0.80A | 45A 1ms | >0.95 | -40°C to 60°C | Dimmable with PDCINT 1-10V | | >85% | IP67 | |
|  PSIP25024 | 250W | 24V DC | 10.4A max. | 285W | 220-240V AC | 1.6A max. | 30A 0.2ms | 0.96 | 50°C | Dimmable with PDCINT 1-10V | | 84% | IP67 | |

| LOOP IN / LOOP OUT | DIN RAIL MOUNT | PROTECTION | SELY | DIMENSIONS (MM) | WEIGHT | CONNECTION OUTPUT | INPUT CABLE (M) | OUTPUT CABLE | ACCESSORIES | WARRANTY |
|--------------------|----------------|-----------------------------------------------------|------|------------------------------------|-------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------|
| | | Short circuit, overload & overcurrent | Yes | H: 35mm L: 180mm W: 60mm | | Terminals | 0.5-1.5mm ² | 0.5-1.5mm ² | | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 16mm L: 103mm W: 35.5mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924 | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 30mm L: 143mm W: 45mm |  | Terminals | 0.5-1.5mm ² | 0.5-1.5mm ² | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 18mm L: 160mm W: 58mm |  | Terminals | 0.5-1.5mm ² | 0.5-1.5mm ² | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924 | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 31mm L: 180mm W: 65.5mm |  | Terminals | 0.5-2.5mm ² | 0.5-2.5mm ² | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3 year guarantee |
| | | Short circuit, overload, overheating & over voltage | Yes | H: 28.2mm L: 170mm W: 44.5mm |  | Terminals | 0.5-1.5mm ² max. | 0.5-1.5mm ² max. | | 3 year guarantee |
| | | Short circuit, overload & over current | Yes | H: 43mm L: 230mm W: 70mm |  | Flying leads | 0.25m, 1mm ² 3-core cable Ø: 7.5mm | 0.25m, 1mm ² 2-core cable Ø: 7mm | | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 46mm L: 200mm W: 70mm |  | Flying leads | Mains: 0.25m, 1mm ² 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm ² 2-core cable Ø: 6.5mm | 0.25m, 1mm ² core cable Ø: 7mm | Grid dimmer kit PDC/GRID DIMMER | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 44mm L: 230mm W: 68mm |  | Flying leads | Mains: 0.25m, 1mm ² 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm ² 2-core cable Ø: 6.5mm | 0.25m, 1.5mm ² 2-core cable Ø: 7mm | Grid dimmer kit PDC/GRID DIMMER | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 53mm L: 255mm W: 80mm |  | Flying leads | Mains: 0.25m, 1mm ² 3-core cable Ø: 7.5mm DALI: 0.25m, 0.75mm ² 2-core cable Ø: 7mm | 0.25m, 1.5mm ² 2-core cable Ø: 9mm | | 3 year guarantee |
| | | Short circuit, overload & overheating | Yes | H: 37mm L: 190mm W: 62mm |  | Flying leads | 0.25m, 1mm ² 3-core cable Ø: 7.5mm | 0.25m, 1mm ² 2-core cable Ø: 8mm | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3 year guarantee |
| | | Short circuit, overload & over current | Yes | H: 36mm L: 220mm W: 62mm |  | Flying leads | 0.25m, 1mm ² 3-core cable Ø: 7.5mm | 0.25m, 2mm ² 2-core cable Ø: 9mm | Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V | 3 year guarantee |