



## H2 PRO 550

Dimmable, fire-rated downlight with Easy-fit connector

### FEATURES

|                        |                                             |
|------------------------|---------------------------------------------|
| IP rating              | IP65                                        |
| CSP Switchable         | Single CCT                                  |
| Tilttable (°)          | Fixed                                       |
| UGR                    | UGR<16                                      |
| Sensor Option          | No                                          |
| Dimmable Option        | Yes                                         |
| LED Lifetime           | L70 70,000h                                 |
| Colour Rendering Index | CRI>80                                      |
| Colour Consistency     | SDCM3                                       |
| Emergency Option       | Yes, using CWD LEDEPI0<br>(sold separately) |
| Rotation angle (°)     | Fixed                                       |

### INSTALLATION INFORMATION

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| Input                       | 220-240V AC                                                    |
| Maximum Ambient Temperature | 40°C                                                           |
| Weight                      | 186g                                                           |
| Insulation Coverable        | Rolled and blown insulation                                    |
| Inrush Current              | 1.4A / 0.1ms                                                   |
| Cut Out Size                | 64-72                                                          |
| Construction Material       | Mild steel / V0 rated plastic                                  |
| UK Bathroom Zone            | 1                                                              |
| Maximum ceiling thickness   | 40 mm                                                          |
| SELV                        | Yes                                                            |
| Electric Class (1, 2, 3)    | II                                                             |
| Suitable for coastal areas  | No                                                             |
| Install Connector Type      | Easy-fit connector                                             |
| UK Building Regulations     | Part B, C, E, P & L                                            |
| FR Building Regulations     | RE2020, EN 13141-1:2004, EN 1365-2:2014, EN ISO 10140-2/3:2010 |
| UK Protection               | Over Voltage, Short Circuit, Thermal                           |
| Part B Fire Rating          | Solid Timber 30/60/90min, I-Joist 30min, Metal Web 30min       |

### PHOTOMETRICS @ 25°C

| Product code | Finish                | Type     | W    | Colour | Beam | lm  | lm/W | Lx @ 1m | Energy |
|--------------|-----------------------|----------|------|--------|------|-----|------|---------|--------|
| DLE4723830   | Bezel sold separately | Standard | 5.2W | 3000K  | 38°  | 550 | 106  | 1173    |        |
| DLE4723840   | Bezel sold separately | Standard | 5.2W | 4000K  | 38°  | 580 | 112  | 1237    |        |
| DLE4727040   | Bezel sold separately | Standard | 5.2W | 4000K  | 70°  | 580 | 112  | 496     |        |
| DLE4727030   | Bezel sold separately | Standard | 5.2W | 3000K  | 70°  | 550 | 106  | 462     |        |
| DLE4723830D  | Bezel sold separately |          | 5.2W | 3000K  | 38°  | 550 | 106  | 1173    |        |

Product not suitable for exterior use, please use H2 Pro Extreme. Energy rating is a reflection of the LED light source.

### WIRING INFORMATION

|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| Cable / Flying Lead          | 0.15m                                                                                |
| Cable Required for Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm²) or 3-core cable (R02V 3x1.5mm²) |
| Type of Wiring Required      | Parallel                                                                             |
| Input Cable Type             | H03VVH2-F (2 CORE 0.75MM)                                                            |
| Output Cable Type            | AWG24 RED / BLACK 0.2                                                                |

### LED DRIVER

| Driver                       | Input    | SELV | Dimming     | Bathroom Zone    | Min | Max |
|------------------------------|----------|------|-------------|------------------|-----|-----|
| N/A (integrated SELV driver) | 220-240V | Yes  | Yes (mains) | 1 (Ceiling only) | N/A | N/A |



Quick and easy installation with easy-fit connector



High efficacy of 112lm/W



Insulation coverable

### WARRANTY

Warranty

7 years

### FEATURES & BENEFITS

Flexible driver with adapted flexible neck

I Joist and Metal Web Approved

Compatible with Collingwood smart system

Compatible with twist and lock bezels

Tri-LED configuration

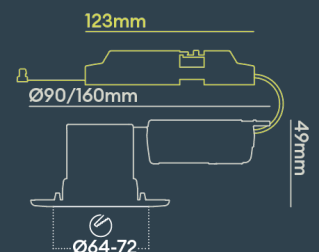
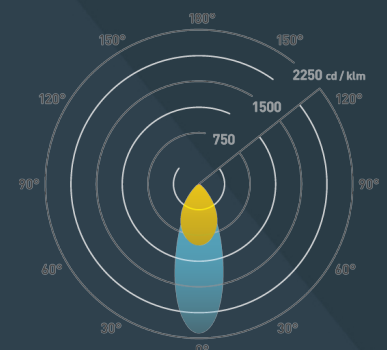
2 part, push fit, loop in/ loop out connector

Fixed position downlight

When using a converter plate, the IP rating is not affected; however, the product is no longer fire-rated.

PATENT: **GB2576385 EP3648256 HK40014447**

BEAM ANGLE: **38°**



## ACCESSORIES

|                    |                                |                 |
|--------------------|--------------------------------|-----------------|
| <b>H2 Bezels</b>   | Round and square bezel options | Sold Separately |
| <b>DLCVT110</b>    | Converter plate                | Sold Separately |
| <b>DLCONVERT70</b> | Converter plate                | Sold Separately |
| <b>DM298FP</b>     | Faceplate dimmer               | Sold Separately |
| <b>DM298GRID</b>   | Grid dimmer                    | Sold Separately |
| <b>LEDEP10</b>     | Emergency converter            | Sold Separately |



**COLLINGWOOD**  
LIGHTING

### LIGHTING INNOVATION

Our H2 Pro 550 with easy fit connector features more innovative upgrades for ease of installation and reduced running costs. A slimmer profile allows for easier installation, plus at over 100lm/W this is our most efficient downlight yet. These updates are in addition to the typical H2 Pro quality and features you can depend on; fire-rated, dimmable and available with our seven-year extended warranty. With a choice of two beam angles - 38° and 70°, 11 interchangeable bezel options (four of which have paintable finishes) and an IP65 rating, this downlight is the ideal choice for lighting any room, anywhere. For a quicker, easier and more secure installation, it now comes with a easy fit connector. Featuring loop in loop out technology and piano key push-in connectors, the easy fit connector is ideal for first-fix and minimises risk of damage to fittings during installation. With all the benefits the H2 Pro 550 has to offer and more, the H2 Pro 550 downlight cuts installation time down dramatically.