Downlights specification sheet



# H2 Lite

TRIAC Dimmable, fire-rated downlight with integrated bezel & Easy-fit connector

#### Features

| IP rating              | IP65 (from below) IP20 (from<br>above) |
|------------------------|--|
| CSP Switchable         | Single CCT                             |
| UGR                    | 22                                     |
| Sensor Option          | Smart Microwave                        |
| Dimmable Option        | Yes (Mains)                            |
| LED Lifetime           | L70 70,000h                            |
| Colour Rendering Index | CRI>80                                 |
| Colour Consistency     | SDCM4                                  |
| Emergency Option       | No                                     |
|                        |  |

# Installation Information

| Maximum Ambient Temperature   40°C     Weight   180g     Insulation Coverable   Rolled and blown insulation     Inrush Current   1.3A 0.23ms     Cut Out Size   64-72     Construction Material   Mild steel / VO rated plastic     UK Bathroom Zone   1     Maximum ceiling thickness   40 mm     SELV   SELV     Electric Class (1, 2, 3)   2     Suitable for coastal areas   No     Install Connector Type   Easy-fit connector     UK Building Regulations   Part B, C, E, P & L     Solid timber, I-Joist and   Solid timber, I-Joist and |                             |                               |
|---|-----------------------------|-------------------------------|
| Weight   180g     Insulation Coverable   Rolled and blown insulation     Inrush Current   1,3A 0.23ms     Cut Out Size   64-72     Construction Material   Mild steel / VO rated plastic     UK Bathroom Zone   1     Maximum ceiling thickness   40 mm     SELV   SELV     Electric Class (1, 2, 3)   2     Suitable for coastal areas   No     Install Connector Type   Easy-fit connector     UK Building Regulations   Part B, C, E, P & L     Solid timber, I-Joist and   Solid timber, I-Joist and  | Input                       | 220-240V AC                   |
| Insulation Coverable   Rolled and blown insulation     Inrush Current   1.3A 0.23ms     Cut Out Size   64-72     Construction Material   Mild steel / VO rated plastic     UK Bathroom Zone   1     Maximum ceiling thickness   40 mm     SELV   SELV     Electric Class (1, 2, 3)   2     Suitable for coastal areas   No     Install Connector Type   Easy-fit connector     UK Building Regulations   Part B, C, E, P & L     Solid timber, I-Joist and   Solid timber, I-Joist and  | Maximum Ambient Temperature | 40°C                          |
| Inrush Current   1.3A 0.23ms     Cut Out Size   64-72     Construction Material   Mild steel / VO rated plastic     UK Bathroom Zone   1     Maximum ceiling thickness   40 mm     SELV   SELV     Electric Class (1, 2, 3)   2     Suitable for coastal areas   No     Install Connector Type   Easy-fit connector     UK Building Regulations   Part B, C, E, P & L     Solid timber, I-Joist and   Solid timber, I-Joist and   | Weight                      | 180g                          |
| Cut Out Size 64-72   Construction Material Mild steel / VO rated plastic   UK Bathroom Zone 1   Maximum ceiling thickness 40 mm   SELV SELV   Electric Class (1, 2, 3) 2   Suitable for coastal areas No   Install Connector Type Easy-fit connector   UK Building Regulations Part B, C, E, P & L   Solid timber, I-Joist and  | Insulation Coverable        | Rolled and blown insulation   |
| Construction Material   Mild steel / VO rated plastic     UK Bathroom Zone   1     Maximum ceiling thickness   40 mm     SELV   SELV     Electric Class (1, 2, 3)   2     Suitable for coastal areas   No     Install Connector Type   Easy-fit connector     UK Building Regulations   Part B, C, E, P & L     Solid timber, I-Joist and   | Inrush Current              | 1.3A 0.23ms                   |
| UK Bathroom Zone 1   Maximum ceiling thickness 40 mm   SELV SELV   Electric Class (1, 2, 3) 2   Suitable for coastal areas No   Install Connector Type Easy-fit connector   UK Building Regulations Part B, C, E, P & L   Solid timber, I-Joist and   | Cut Out Size                | 64-72                         |
| Maximum ceiling thickness 40 mm   SELV SELV   Electric Class (1, 2, 3) 2   Suitable for coastal areas No   Install Connector Type Easy-fit connector   UK Building Regulations Part B, C, E, P & L   Solid timber, I-Joist and  | Construction Material       | Mild steel / VO rated plastic |
| SELV SELV   Electric Class (1, 2, 3) 2   Suitable for coastal areas No   Install Connector Type Easy-fit connector   UK Building Regulations Part B, C, E, P & L   Solid timber, I-Joist and  | UK Bathroom Zone            | 1                             |
| Electric Class (1, 2, 3) 2   Suitable for coastal areas No   Install Connector Type Easy-fit connector   UK Building Regulations Part B, C, E, P & L   Solid timber, I-Joist and  | Maximum ceiling thickness   | 40 mm                         |
| Suitable for coastal areas     No       Install Connector Type     Easy-fit connector       UK Building Regulations     Part B, C, E, P & L       Solid timber, I-Joist and     Solid timber, I-Joist and   | SELV                        | SELV                          |
| Install Connector Type   Easy-fit connector     UK Building Regulations   Part B, C, E, P & L     Solid timber, I-Joist and   | Electric Class (1, 2, 3)    | 2                             |
| UK Building Regulations Part B, C, E, P & L<br>Solid timber, I-Joist and  | Suitable for coastal areas  | No                            |
| Solid timber, I-Joist and   | Install Connector Type      | Easy-fit connector            |
| Solid timber, I-Joist and   | UK Building Regulations     | Part B, C, E, P & L           |
|   | Colling Joint Assessme      | Solid timber, I-Joist and     |
| Metal Web   | Ceiling Joist Approvals     | Metal Web                     |
| Power Factor 0.80   | Power Factor                | 0.80                          |

## Photometrics @ 25°C

| Product Code  | Finish        | Туре        | w    | Colour | Beam | lm  | lm/W | Lx @ 1m | Energy |
|---------------|---------------|-------------|------|--------|------|-----|------|---------|--------|
| DLT388BS5540  | Brushed steel | Single unit | 4.3W | 4000K  | 55°  | 490 | 114  | 440     | A D    |
| DLT388BS5530  | Brushed steel | Single unit | 4.3W | 3000K  | 55°  | 460 | 107  | 413     | A D    |
| DLT388MW5540  | Matt white    | Single unit | 4.3W | 4000K  | 55°  | 490 | 114  | 440     | A D    |
| DLT388MW5530  | Matt white    | Single unit | 4.3W | 3000K  | 55°  | 460 | 107  | 413     |        |
| DLT388BLK5540 | Matt black    | Single unit | 4.3W | 4000K  | 55°  | 490 | 114  | 440     | A D    |
| DLT388BLK5530 | Matt black    | Single unit | 4.3W | 3000K  | 55°  | 460 | 107  | 413     |        |

Product not suitable for exterior use, please use H2 Pro Extreme.

#### **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)  |

## **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 |

| 1 | DLCONVERT70 | Converter plate       | Sold Separately |  |  |  |
|---|-------------|-----------------------|-----------------|--|--|--|
| I | DM298GRID   | LED mains grid dimmer | Sold Separately |  |  |  |
| 1 | DM298FP     | Faceplate dimmer      | Sold Separately |  |  |  |
| I | DLCVT110    | Converter Plate       | Sold Separately |  |  |  |
|   |             |                       |                 |  |  |  |





Patented Easy-fit connector for first & second fix



Shallow depth 46mm



Insulation coverable

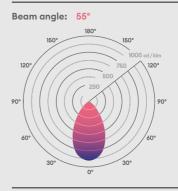
#### Guarantee

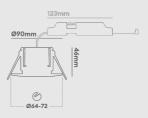
Warranty

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10 years
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# Features & benefits

- With approximately 5 million units supplied to a wide range of customers, H2 Lite has a proven history of excellent performance, fast installation and lifetime you can trust
- Unique product design with a new shallow depth to enable use in the smallest of ceiling voids
- TRIAC mains dimmable, works with leading & trailing edge dimmers
- Optimised design with no waste, minimizing the use of materials and impact on the planet
- FSC certificated packaging ensure minimal waste





in collingwoodlighting

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