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# H2 Deco CSP

Wattage & CCT Switchable Architectural Downlight

## Features

|                  |                                     |
|------------------|-------------------------------------|
| IK Rating        | IK07                                |
| IP Rating        | IP65 (from below) IP20 (from above) |
| CSP Switchable   | Switchable CCT                      |
| UGR              | 19                                  |
| Dimmable Option  | Yes (Mains)                         |
| LED Lifetime     | L70 B10 44,000h                     |
| CRI              | CRI>80                              |
| SDCM             | SDCM3                               |
| Emergency Option | Yes, using converter                |

## Installation information

|                               |                                     |
|-------------------------------|-------------------------------------|
| Install Connector Type        | Loop in / Loop out                  |
| Insulation Coverable          | Rolled and blown insulation         |
| Double Insulation             | Yes                                 |
| Cut Out Size                  | 68mm - 75mm                         |
| UK Bathroom Zone              | 1                                   |
| Inrush Current                | 5A 150us                            |
| Construction Material         | Mild steel / PC                     |
| Thickness of Recessed Surface | 40 mm                               |
| Weight                        | 300g                                |
| Ambient Temperature Range     | -10°C - 40°C                        |
| SELV                          | SELV                                |
| UK Building Regulations       | Part B, C, E, P & L                 |
| Ceiling Joist Approvals       | Solid timber, I-Joist and Metal Web |
| Electric Class (1, 2, 3)      | 1                                   |

## Wiring information

|                              |  |
|------------------------------|--|
| Cable / Flying Lead          | 0.75mm <sup>2</sup> - 2.5mm <sup>2</sup> 3 core cable for connector  |
| Cable Required for Connector | Push-fit terminal for: Twin & Earth (6242Y 2x1.5mm <sup>2</sup> ) or 3-core cable (R02V 3x1.5mm <sup>2</sup> ) |
| Type of Wiring Required      | Parallel   |

## LED driver

|                              |          |     |     |                  |     |     |
|------------------------------|----------|-----|-----|------------------|-----|-----|
| N/A (integrated SELV driver) | 220-240V | N/A | N/A | 1 (Ceiling only) | N/A | N/A |
|------------------------------|----------|-----|-----|------------------|-----|-----|

## Accessories

|           |                                 |                 |
|-----------|---------------------------------|-----------------|
| DM298GRID | LED mains grid dimmer           | Sold Separately |
| DM298FP   | Faceplate dimmer                | Sold Separately |
| LEDEPI0EM | Manual-test emergency converter | Sold Separately |
| LEDEPI0   | Self-test emergency converter   | Sold Separately |

## Guarantee

5 years

## Features & benefits

Designed for family living spaces to suit architectural decor

True low glare UGR19 as opposed to perceived low glare

Wattage Switch enables range from 550 up to 1000 lumens

CCT Switchable Product enables colour temperature choice between 2200K-2700K-3000K-4000K

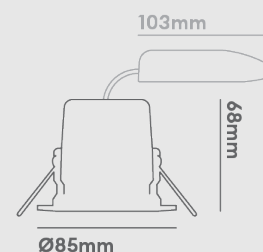
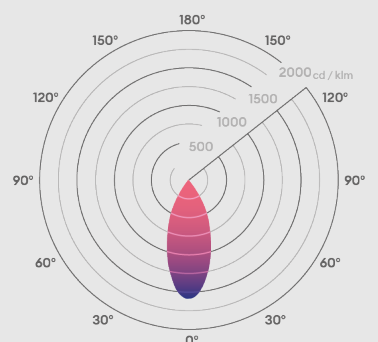
Select 2700K to highlight warm tones in wood, red brick or sandstone

Select 2200K 'Ember Light' to minimise blue light and create a cosy fireplace environment

Light source energy efficiency:



Beam angle: 40°






Photometrics @ 25°C

| Product code | Finish      | Feature I       | W    | Colour | Beam | lm   | lm/W | lx @ 1m |
|--------------|-------------|-----------------|------|--------|------|------|------|---------|
| H2D1WHIWHI   | White Bezel | White Reflector | 6.5W | 2200K  | 40°  | 550  | 85   | 794     |
| H2D1WHIWHI   | White Bezel | White Reflector | 6.5W | 2700K  | 40°  | 600  | 92   | 917     |
| H2D1WHIWHI   | White Bezel | White Reflector | 6.5W | 3000K  | 40°  | 650  | 100  | 1008    |
| H2D1WHIWHI   | White Bezel | White Reflector | 6.5W | 4000K  | 40°  | 700  | 108  | 1164    |
| H2D1WHIWHI   | White Bezel | White Reflector | 10W  | 2200K  | 40°  | 750  | 75   | 1082    |
| H2D1WHIWHI   | White Bezel | White Reflector | 10W  | 2700K  | 40°  | 900  | 90   | 1375    |
| H2D1WHIWHI   | White Bezel | White Reflector | 10W  | 3000K  | 40°  | 950  | 95   | 1473    |
| H2D1WHIWHI   | White Bezel | White Reflector | 10W  | 4000K  | 40°  | 1000 | 100  | 1662    |
| H2D1BLKWHI   | White Bezel | Black Reflector | 6.5W | 2200K  | 40°  | 500  | 77   | 808     |
| H2D1BLKWHI   | White Bezel | Black Reflector | 6.5W | 2700K  | 40°  | 550  | 85   | 925     |
| H2D1BLKWHI   | White Bezel | Black Reflector | 6.5W | 3000K  | 40°  | 600  | 92   | 1032    |
| H2D1BLKWHI   | White Bezel | Black Reflector | 6.5W | 4000K  | 40°  | 650  | 100  | 1136    |
| H2D1BLKWHI   | White Bezel | Black Reflector | 10W  | 2200K  | 40°  | 650  | 65   | 1050    |
| H2D1BLKWHI   | White Bezel | Black Reflector | 10W  | 2700K  | 40°  | 750  | 75   | 1261    |
| H2D1BLKWHI   | White Bezel | Black Reflector | 10W  | 3000K  | 40°  | 850  | 85   | 1461    |
| H2D1BLKWHI   | White Bezel | Black Reflector | 10W  | 4000K  | 40°  | 900  | 90   | 1573    |
| H2D1BLKBLK   | Black Bezel | Black Reflector | 6.5W | 2200K  | 40°  | 500  | 77   | 808     |
| H2D1BLKBLK   | Black Bezel | Black Reflector | 6.5W | 2700K  | 40°  | 550  | 85   | 925     |
| H2D1BLKBLK   | Black Bezel | Black Reflector | 6.5W | 3000K  | 40°  | 600  | 92   | 1032    |
| H2D1BLKBLK   | Black Bezel | Black Reflector | 6.5W | 4000K  | 40°  | 650  | 100  | 1136    |
| H2D1BLKBLK   | Black Bezel | Black Reflector | 10W  | 2200K  | 40°  | 650  | 65   | 1050    |
| H2D1BLKBLK   | Black Bezel | Black Reflector | 10W  | 2700K  | 40°  | 750  | 75   | 1261    |
| H2D1BLKBLK   | Black Bezel | Black Reflector | 10W  | 3000K  | 40°  | 850  | 85   | 1461    |
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