# Downlights specification sheet



## collingwood

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# H2 Pro

Fixed fire-rated, colour and lumen switchable downlight with easy-fit connector

### Guarantee

7 year extended warranty

### Features & benefits

Colour switchable between 2700K, 3000K and 4000K

High efficacy of 130lm/W

Insulation coverable

Wattage switchable between 5W and 7W

Compatible with Collingwood smart system

Quick and easy installation with easy-fit connector

Integrated emergency option available

Compatible with twist and lock bezels

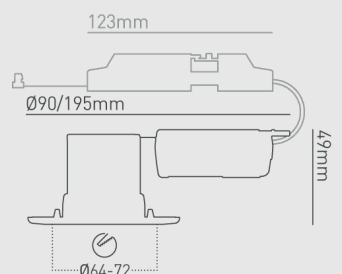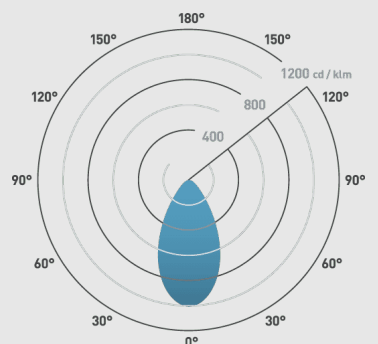2 part, push fit, loop in/ loop out connector

Fixed position downlight

## Features

| | |
|---|---|
| IP rating | IP65 |
| Colour flexibility | CCT Switchable |
| Tiltable | No |
| UGR | 28 |
| Dimmable | Yes |
| Input | 220-240V 50/60Hz |
| LED Lifetime | 70,000h L70 |
| CRI | >80Ra |
| SDCM | 3SDCM |
| Flicker Free | Yes |
| Emergency version available | Yes |

## Installation information

| | |
|---|---|
| Install Connector Type | Easy-fit connector |
| Insulation Coverable | All insulation |
| Cut Out Size | Ø 64-72mm |
| Bathroom zone | 1 |
| Inrush Current | 1A 7.5ms |
| Construction Material | Mild steel / V0 rated plastic |
| Maximum ceiling thickness | 40 mm |
| Weight | 270g |
| Maximum ambient temperature | 40°C |
| SELV | Yes |
| Building regulations | Part B, C, E, P & L |
| Ceiling Joist Approvals | Solid timber, I-Joist and Metal Web |
| Electric Class (1, 2, 3) | 2 |

## Photometrics @ 25°C

| Product code | Finish | W | Colour | Beam | lm | lm/W | lx @ 1m |
|---|---|---|---|---|---|---|---|
| DLE5245500 | Bezel sold separately | 5W | 2700K | 55° | 550 | 110 | 554 |
| DLE5245500 | Bezel sold separately | 5W | 3000K | 55° | 650 | 130 | 654 |
| DLE5245500 | Bezel sold separately | 5W | 4000K | 55° | 650 | 130 | 654 |
| DLE5245500 | Bezel sold separately | 7W | 2700K | 55° | 750 | 107 | 755 |
| DLE5245500 | Bezel sold separately | 7W | 3000K | 55° | 850 | 121 | 856 |
| DLE5245500 | Bezel sold separately | 7W | 4000K | 55° | 850 | 121 | 856 |
| DLE5245500EM | Bezel sold separately | 5W | 2700K | 55° | 550 | 110 | 554 |
| DLE5245500EM | Bezel sold separately | 5W | 3000K | 55° | 650 | 130 | 654 |
| DLE5245500EM | Bezel sold separately | 5W | 4000K | 55° | 650 | 130 | 654 |
| DLE5245500EM | Bezel sold separately | 7W | 2700K | 55° | 750 | 107 | 755 |
| DLE5245500EM | Bezel sold separately | 7W | 3000K | 55° | 850 | 121 | 856 |
| DLE5245500EM | Bezel sold separately | 7W | 4000K | 55° | 850 | 121 | 856 |

**Light source energy efficiency:** A↑G D

**Beam angle: 55°**



## 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 |

# **Downlights** specification sheet

## LED driver

| Product code | Input | SELV | Dimming | Bathroom zone | Min | Max |
|---|---|---|---|---|---|---|
| N/A (integrated SELV driver) | 220-240V | N/A | Yes | N/A | N/A | N/A |

## Accessories

| | | |
|---|---|---|
| **DLCVT110** | Downlight Converter Plate | Sold Separately |
| **DLCONVERT70** | Downlight Converter Plate | Sold Separately |
| **DM298FP** | Faceplate Dimmer | Sold Separately |
| **DM298GRID** | Grid Dimmer | Sold Separately |
| **Collingwood Smart System** | Range available to turn the ordinary extraordinary | Sold Separately |
| **H2 Bezels** | Twist and lock bezels | Sold Separately |
| **LEDEP11** | Emergency kit | Sold Separately |

## H2 Pro

The H2 Pro downlight is one of a kind. The lumen output and the colour temperature can be changed via switches on the driver. This flexibility is valuable and offers peace of mind that you have a downlight that is capable of fulfilling the requirements of the majority of installations. The H2 Pro has a 7 year extended warranty, along with 70,000 hours of LED lifetime, it is a fit and forget solution.