

H2 PRO 550

Dimmable, fire-rated downlight with Easy-fit connector

FEATURES

IP rating	IP65
CSP Switchable	Single CCT
Tiltable (°)	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 LEDEP10 (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	D
DLE4723840	Bezel sold separately	Standard	5.2W	4000K	38°	580	112	1237	D
DLE4727040	Bezel sold separately	Standard	5.2W	4000K	70°	580	112	496	D
DLE4727030	Bezel sold separately	Standard	5.2W	3000K	70°	550	106	462	D
DLE4723830D	Bezel sold separately		5.2W	3000K	38°	550	106	1173	D

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

COLLINGWOOD
LIGHTING

LIGHTING INNOVATION

- Quick and easy installation with easy-fit connector
- 112lm/W High efficacy of 112lm/W
- Insulation coverable

WARRANTY

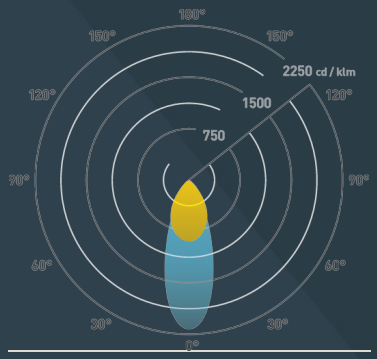
Warranty 7 years

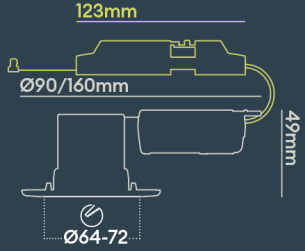
FEATURES & BENEFITS

- 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

H2 Bezels	Round and square bezel options	Sold Separately
DLCVT110	Converter plate	Sold Separately
DLCONVERT70	Converter plate	Sold Separately
DM298FP	Faceplate dimmer	Sold Separately
DM298GRID	Grid dimmer	Sold Separately
LEDEP10	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.