Downlights specification sheet

H2 Pro Extreme CSP

IP65 (above+below) downlight suitable for installing outdoor in building soffits and canopies

Guarantee

4 years

Features

IP rating	IP65 (from below and above)
CSP Switchable	Switchable CCT
Tiltable	No
UGR	22
Dimmable Option	Yes (Mains)
LED Lifetime	40,000h L70
CRI	80 Ra
SDCM	4 SDCM
Emergency Option	No

Installation information

Install Connector Type	Flying lead
Insulation Coverable	No
Cut Out Size	Ø 65-75mm
UK Bathroom Zone	1 (ceiling only)
Inrush Current	2.3A 0.06ms
Construction Material	Aluminium / Plastic
Maximum ceiling thickness	30 mm
Weight	148g
Maximum Ambient Temperature	-20° to +40°
SELV	Yes
UK Building Regulations	Part C, P & L
Ceiling Joist Approvals	No
Electric Class (1, 2, 3)	2

Features & benefits

IP65 from above and below for total protection

Suitable for use in coastal applications

New 2200K to minimise effects of blue light

Use 2700K to illuminate materials such as wooden fences, sand or red brick to highlight warm tones

Select 2200K to minimise the effects blue light content has on nocturnal animals to help survival and growth rates

Collingwood Switchable Product

TRIAC mains dimmable suitable for leading and trailing edge dimmers

Bezel integrated to product

Pair with dusk to dawn sensor PCELL kit to bring on when dark and off when light

Photometrics @ 25°C

Product code	Finish	W	Colour	Beam	lm	llm/W	lx @ 1m
H2EXT1W	White	5W	2200K	40°	480	96	828
H2EXT1W	White	5W	2700K	40°	570	114	983
H2EXT1W	White	5W	3000K	40°	560	112	966
H2EXT1B	Black	5W	2200K	40°	480	96	828
H2EXT1B	Black	5W	2700K	40°	570	114	983
H2EXT1B	Black	5W	3000K	40°	560	112	966
H2EXT1A	Anthracite grey RAL7016	5W	2200K	40°	480	96	828
H2EXT1A	Anthracite grey RAL7016	5W	2700K	40°	570	114	983
H2EXT1A	Anthracite grey RAL7016	5W	3000K	40°	560	112	966

Light source energy efficiency: A↑G | D

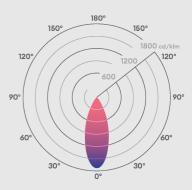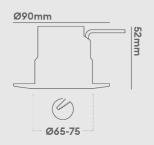**Beam angle: 40°**

Wiring information

Cable / Flying Lead	0.37m H03VVH2-F 2x0.75mm²
Cable Required for Connector	0.37m H03VVH2-F 2x0.75mm²
Type of Wiring Required	Parallel

Ø90mm

52mm

Ø65-75

LED driver

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

Accessories

DM298GRID	Grid Dimmer	Sold Separately
DM298FP	Flatplate Dimmer	Sold Separately
PCELLKIT	Wall Mounted Photocell Kit	Sold Separately

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