

DOWNLIGHTS TECHNICAL SPECIFICATION SHEET



**COLLINGWOOD
LIGHTING**

EM 3hr emergency pack service available



NEW

Patent information:
collingwoodlighting.com/patent

H2 Pro 700 DIMMABLE FIRE-RATED LED DOWNLIGHT



CHOOSE FROM 2 OPTIONS

1. Downlight
2. Downlight with Emergency pack

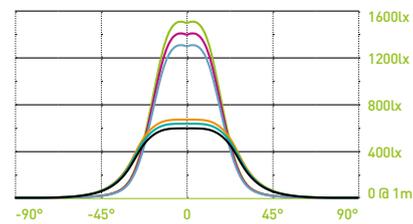
FEATURES & BENEFITS

- Uses latest single source technology to replicate traditional halogen look
- 55° beam option offers superior vertical illumination and allows for larger spacing between downlights
- Increased lumen for consistent illumination
- Slimline twist & lock bezels (sold separately)
- Low profile. Only 53mm

PHOTOMETRICS @25°C

Colour	Finish*	Product code	Beam angle	Wattage	Life of LED	CRI	lm	lm/W	lx(1m)
4000K	N/A	DL2423840	38°	11W	L70, B10 70,000hrs	>80Ra	765	70	1500
		DL2425540	55°						670
3000K	N/A	DL2423830	38°				715	65	1400
		DL2425530	55°				635		
2700K	N/A	DL2423827	38°				655	60	1300
		DL2425527	55°						595

*Refer to H2 Pro Bezel specification sheet for available finishes



— 4000K 38° — 3000K 38° — 2700K 38°
— 4000K 55° — 3000K 55° — 2700K 55°

EMERGENCY PACK SERVICE OPTION

For 3hr emergency pack service option suffix partcode with **EM**. eg. DL2423840 becomes DL2423840**EM**†

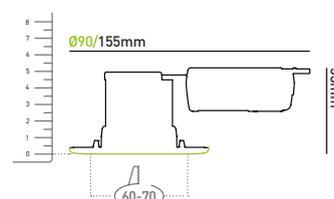
† Approx 25% light output compared to normal running. Refer to LEDEP05 specification sheet for more information

GENERAL

Adjustability	Rotation angle [°] N/A	Tilt angle [°] N/A
Bathroom zone	1 (ceiling only)	
Building regulations	Part B (fire protection), C (moisture protection), E (acoustic protection), P (electrical safety) and L (conservation of energy - 2014 regulations)	
Construction material	Mild Steel / Aluminium	
Cut-out (mm)	60-70	
Face temperature when lit (°C)	60	
Flicker Index / Flicker Percentage (%)	0.0024 / 0.33%	
Inrush current	15A 0.5ms	
IP rating	65 (front) / 20 (back)	
Maximum ambient temperature (ta = °C)	35	
Maximum ceiling thickness (mm)	40	
SELV (separated extra low voltage) driver	Yes (integral)	
Weight (g)	240	
Warranty	7 year extended warranty available‡	

‡ (luminaire only) - Refer to LEDEP05 specification sheet for more information

Dimensions



WIRING

Cable/flying lead (m)	0.15 (Class II)
Type of wiring required	Parallel (mains) 220-240V AC 50/60Hz

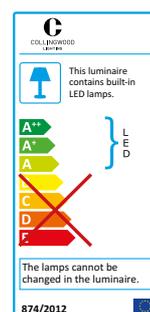
LED DRIVERS

Product code	Input voltage	Input current	Power factor	Dimming	Bathroom zone	Min	Max
N/A (driver built in)	220-240V	50mA	>0.92	Yes (mains)	1 (ceiling only)	N/A	N/A

ACCESSORIES

Product code	Description
H2 Pro range bezels	Round & Square H2 Pro 550 / 700 bezel options
DLCONVERT70	Converter plate
DM298GRID	Mains grid dimmer
14800121 (SPOTCLIP-III)	Insulation cover cap for recessed downlights - call us on 01604 495151 for more details

Energy efficiency rating



3 SDCM
Colour consistency
between sources

LED DOWNLIGHTS
FROM COLLINGWOOD
LIGHTING

**HALERS
RANGE**