Commercial downlights specification sheet

collingwood

Thea Lite CSP 100mm

Colour Switchable IP54 Downlight

Guarantee

5 years (product), 3 years (emergency)

Features

IP Rating	IP54 (from below) IP20 (from above)
CSP Switchable	Switchable CCT
UGR	27
Sensor Option	On Request
Dimmable Option	Yes (DALI-2, 0-10V, PUSH-DIM)
LED Lifetime	L80 50,000h
Colour Rendering Index	CRI>80
Colour Consistency	SDCM6
Emergency Option	Yes, using converter

Installation information

Install Connector Type	Push-fit terminal, loop-in/loop-out
Insulation Coverable	No
Cut Out Size	100
Inrush Current	30A 0.03ms
Construction Material	ADC12 Aluminium Housing, Polycarbonate+PET Diffuser, TP(a) Thermoplastic, Silicone Free
Weight	0.361
Ambient Temperature Range	-20°C - 40°C
Electric Class (1, 2, 3)	2

Features & benefits

Colour temperature switchable, 3000K-4000K-6000K

Highly efficient up to 120 Llm/W ensures low running costs

Quick and easy installation with plug & play connectors

UGR27 compliant for comfortable lighting of washrooms, bathrooms, cloakrooms as well as general circulation and stairs

IP54 protection against water splash from any direction

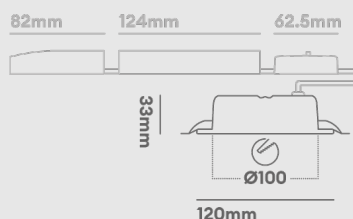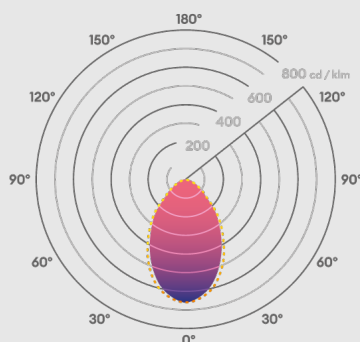Low 33mm product depth enables product to be used with small ceiling voids

TP(a) Thermoplastic

850° Glow Wire Test

Photometrics @ 25°C

Product code	Finish	Feature I	Feature II	W	Colour	Beam	lm	llm/W	EM
THL1X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	10W	3000K	80°	1100	110	See Accessories
THL1X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	10W	4000K	80°	1200	120	See Accessories
THL1X	White RAL9003	Dimmable	Driver Excluded Use PS250600MA	10W	6000K	80°	1200	120	See Accessories
THLB1T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	10W	3000K	80°	1000	100	See Accessories
THLB1T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	10W	4000K	80°	1100	110	See Accessories
THLB1T	Matt Black RAL9005	Mains-Dim	Driver Included Mains	10W	6000K	80°	1100	110	See Accessories
THLB1X	Matt Black RAL9005	Dimmable	Driver Excluded Use PS250600MA	10W	3000K	80°	1000	100	See Accessories
THLB1X	Matt Black RAL9005	Dimmable	Driver Excluded Use PS250600MA	10W	4000K	80°	1100	110	See Accessories
THLB1X	Matt Black RAL9005	Dimmable	Driver Excluded Use PS250600MA	10W	6000K	80°	1100	110	See Accessories
THL1T	White RAL9003	Mains-Dim	Driver Included Mains	10W	3000K	80°	1100	110	See Accessories
THL1T	White RAL9003	Mains-Dim	Driver Included Mains	10W	4000K	80°	1200	120	See Accessories
THL1T	White RAL9003	Mains-Dim	Driver Included Mains	10W	6000K	80°	1200	120	See Accessories

Light source energy efficiency: A↑G C

Beam angle: 80°

Wiring information

Cable / Flying Lead	0.75-1.5mm²
Type of Wiring Required	Parallel

82mm   124mm   62.5mm

33mm   Ø100   120mm

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Accessories

PS250600MA	Power supply, IP20, 13-29W, CC, 250-600mA, DALI-2, 1-10V, Push-Dim	Sold Separately
LEDEP10	Emergency converter, Self-test, 220lm	Sold Separately
LEDEP09DA	Emergency converter, DALI Addressable, 220lm	Sold Separately
EMRWMAN	Salvus Route White, Man-Test, 120lm(O) or 130lm(C)	Sold Separately
EMRWST	Salvus Route White, Self Test, 120lm(O) or 130lm(C)	Sold Separately

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