

dynamic series

Efficient. Cutting Edge. Reliable

EMPRESS 8W

Recessed Gimbal Downlight

The EMPRESS 8W gimbal downlight is available as DALI dimmable, constructed with a thermal heatsink included to ensure the downlight disperses any heat keeping it cool to touch. Used by builders, developers and a favourite with electricians.

EMPRESS 8W LED gimbal Downlight adopts a high lumen COB LED, and PMMA diffuser with even light output. DALI dimmable version has shown great popularity with excellent dimming effect.

Verified by Techlume Australia on 27/04/2023



SPECIFICATIONS

Material Specifications

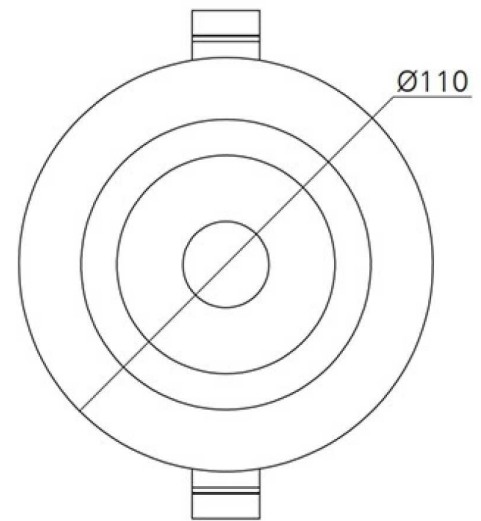
Material	High Grade Aluminum + Reflector
Adjustment	30° gimbal
Dimensions	110mm Face Dia x 50mm (H)
Cutout	90mm (Dia)
Colour	Matt White (Black & Silver available for project orders)
Ingress Protection	IP65
Impact Rating	IK06
Warranty	5 Year Replacement

Electrical Specifications

Power Supply	Dimmable 23-40VDC 180mA
System Watts	7.7W
Input Voltage	240V, 50/60Hz
Operating Temperature (Ta)	-20°C to +45°C
Thermal Testing	Compliant with IC Classification
Protection	Voltage Overload, Temp Overload, Short Circuit
Connection Method	Australian Plug & 1.2m Lead

Optic Specifications

Light Source	CREE CXA1507 Series
Delivered Lumens	785lm - 844lm
Efficacy	Up to 110.3 lm/W
CRI	Ra 83
Beam Angle	60° (36° Available for Project Order)
Calculated L70 (Hours)	L70B50 = >60,000 Hrs
Calculated L80 (Hours)	L80B50 = > 60,000 Hrs
Calculated L90 (Hours)	L90B50 = > 56,000 Hrs



VARIATIONS

LC3582	EMPRESS 8W Gimbal Downlight, White, 60°, Phase Dim, 3000K, 785lm
LC3582D	EMPRESS 8W Gimbal Downlight, White, 60°, DALI, 3000K, 785lm
LC3582B	EMPRESS 8W Gimbal Downlight, Black, 60°, Phase Dim, 3000K, 844lm

LC3582S	EMPRESS 8W Gimbal Downlight, Silver, 60°, Phase Dim, 3000K, 785lm
LC3583	EMPRESS 8W Gimbal Downlight, White, 60°, Phase Dim, 4000K, 891lm
LC3583D	EMPRESS 8W Gimbal Downlight, White, 60°, DALI, 4000K, 891lm
LC3583B	EMPRESS 8W Gimbal Downlight, Black, 60°, Phase Dim, 4000K, 891lm
EMP08-27-36P	EMPRESS 8W Gimbal Downlight, Black, 36°, Phase Dim, 2700K, 750lm

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