

dynamic series

Efficient. Cutting Edge. Reliable

EMPRESS 13W

Recessed Gimbal Downlight

The EMPRESS 13W gimbal downlight is available in 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 13W 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.

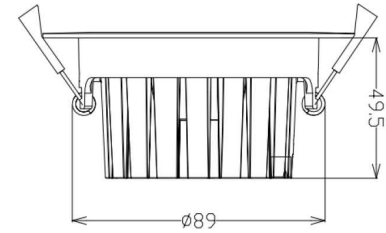
Verified by Techlume Australia on 23/03/2023



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 280mA
System Watts	11.4W - 12.1W
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 XLamp® CXA-1512
Delivered Lumens	1,256lm (3000K)
Delivered Lumens	1,394lm (4000K)
Efficacy	Up to 115.4 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

LC3592	EMPRESS 13W Gimbal Downlight, White, 60°, Phase Dim, 3000K, 1,256lm
---------------	---

- LC3592B** EMPRESS 13W Gimbal Downlight, Black, 60°, Phase Dim, 3000K, 1,256lm
- LC3592D** EMPRESS 13W Gimbal Downlight, White, 60°, Dali, 3000K, 1,256lm
- LC3593** EMPRESS 13W Gimbal Downlight, White, 60°, Phase Dim, 4000K, 1,394lm

dynamic series

Efficient. Cutting Edge. Reliable