

# EMPRESS 10W

## Recessed Fixed Downlight

dynamic series

Efficient. Cutting Edge. Reliable

The EMPRESS Fixed Recessed Downlight is used in commercial projects, as a comfortable and efficient lighting solution. A compact architectural downlight suitable for a variety of applications. It adopts a high lumen COB LED, and PMMA diffuser with even light output. The dali dimmable version has shown great popularity with excellent dimming effect.

Verified by Techlume Australia on 30/03/2023



IP65



### SPECIFICATIONS

#### Material Specifications

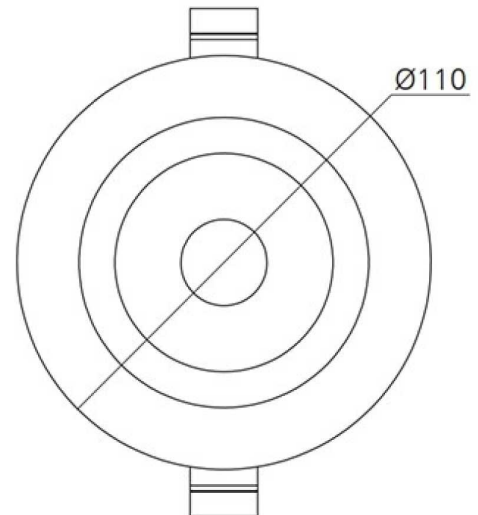
Material	High Grade Aluminum + Reflector
Dimensions	110mm Face Dia x 65mm (H)
Cutout	90mm (Dia)
Colour	Matt White (Black & Silver available for project orders)
Ingress Protection	IP65
Impact Rating	IK06
Warranty	5 Year Replacement

#### Electrical Specifications

Power Supply	Dimmable 23-40VDC 230mA, DALI options
System Watts	10.1W
Input Voltage	240V, 50/60Hz
Operating Temperature (Ta)	-20°C to +45°C
Thermal Testing	Compliant with IC Classification
Connection Method	Australian Plug & 1.2m Lead
Protection	Voltage Overload, Temp Overload, Short Circuit

#### Optic Specifications

Light Source	CREE CXA1507 COB LED
Efficacy	Up to 105.8 lm/W
CRI	Ra >83
Beam Angle	60° (36° Available for Project Order)
Calculated L70 (Hours)	160,000 Hrs
Calculated L80 (Hours)	100,000 Hrs
Calculated L90 (Hours)	45,000 Hrs



### VARIATIONS

LC3595	EMPRESS 10W Fixed Downlight, White, 60°, Phase Dim, 3000K, 1,004lm
LC3595B	EMPRESS 10W Fixed Downlight, Black, 60°, Phase Dim, 3000K, 1,004lm
LC3596	EMPRESS 10W Fixed Downlight, White, 60°, Phase Dim, 4000K, 1,066lm
LC3596B	EMPRESS 10W Fixed Downlight, Black, 60°, Phase Dim, 4000K, 1,066lm