

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

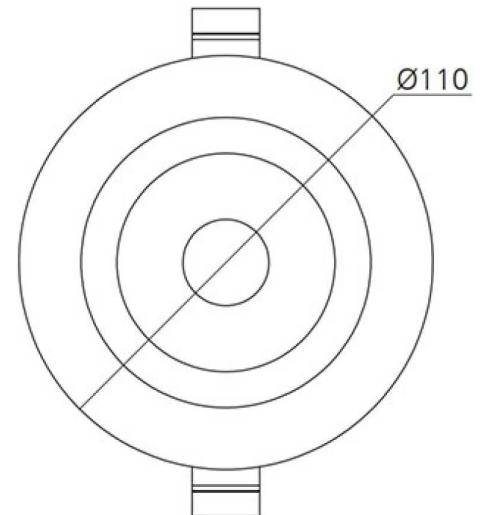
| | |
|--------------------|----------------------------------------------------------|
| Material | High Grade Aluminum + Reflector |
| Dimensions | 110mm Face Dia x 65mm (H) |
| Cutout | 90mm (Dia) |
| Colour | Matt White (Black & Silver available for project orders) |
| Ingress Protection | IP65 |
| 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 |