dynamic series

Efficient. Cutting Edge. Reliable



## **EMPRESS 10W Gimbal**

# Recessed Downlight Tri-Colour

The EMPRESS 10W gimbal downlight is the latest LED technology, constructed with a thermal heatsink to ensure the downlight disperses heat away from the LED Chip. Used in Commercial and Residential construction projects.

EMPRESS 10W 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 30/03/2023











#### **SPECIFICATIONS**

#### **Material Specifications**

Material High Grade Aluminum + Reflector

Adjustment 30° gimbal

**Dimensions** 110mm Face Dia x 50mm (H)

 Cutout
 90mm (Dia)

 Ingress Protection
 IP65

 Impact Rating
 IK06

**Warranty** 5 Year Replacement

#### **Electrical Specifications**

Power Supply Dimmable
System Watts 9.3W - 9.7W

Thermal Testing Compliant with IC Classification

Input Voltage240V, 50/60HzOperating Temperature (Ta) $-20^{\circ}\text{C to} + 45^{\circ}\text{C}$ 

**Connection Method** Australian Plug & 1.2m Lead

### **Optic Specifications**

 Light Source
 CREE 10W COB LED

 Delivered Lumens
 898lm (3000K)

 Delivered Lumens
 978lm (4000K)

 Delivered Lumens
 960lm (5000K)

 Efficacy
 Up to 105.4 lm/W

 CRI
 Ra 93

 Calculated L70 (Hours)
 >60,000 Hrs

 Calculated L80 (Hours)
 > 60,000 Hrs

 Calculated L90 (Hours)
 > 56,000 Hrs

#### VARIATIONS

**LC3599** EMPRESS 10W Gimbal Downlight, Tri-Colour, White, 60°, Phase Dim, Tri-

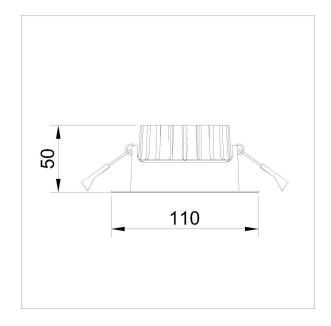
colour, 898 - 978lm

LC3599B EMPRESS 10W Gimbal Downlight, Tri-Colour, Black, 60°, Phase Dim, Tri-

colour, 898 - 978lm

**LC3599BD** EMPRESS 10W Gimbal Downlight, Tri-Colour, Black, 60°, DALI, Tri-colour,

898 - 978lm





1300 827 284