

dynamic series

Efficient. Cutting Edge. Reliable

KARGO 18W

LED Recessed Downlight 140mm

The KARGO 18W downlight is phase 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.

KARGO 18W LED Downlight adopts a high lumen SMD LED, and PMMA diffuser with even light output.

Verified by Techlume Australia on 17/07/2023



SPECIFICATIONS

Material Specifications

| | |
|---------------------------|-------------------------------------|
| Material | High Grade Aluminium + PC Reflector |
| Colour | Matt White (RAL9016) |
| Dimensions | 170mm Face Dia x 45mm (H) |
| Cutout | 140-150mm (Dia) |
| Ingress Protection | IP54 |
| Impact Rating | IK06 |
| Warranty | 5 Year Replacement |

Electrical Specifications

| | |
|-----------------------------------|------------------------------------|
| Power Supply | Remote Driver 300mA, Phase Dim |
| Options | DALI Available |
| System Watts | 17.1W - 17.7W |
| Thermal Testing | Compliant with IC-4 Classification |
| Operating Temperature (Ta) | -20°C to +45°C |
| Input Voltage | 240V, 50/60Hz |
| Connection Method | Australian 2-Pin Plug & 0.6m Lead |

Optic Specifications

| | |
|-------------------------------|----------------------|
| Light Source | 18W SMD 2835 LED |
| Delivered Lumens | 1775lm (3000K) |
| Delivered Lumens | 2062lm (4000K) |
| Delivered Lumens | 1990lm (5500K) |
| Efficacy | Up to 120.3lm/W |
| CRI | >82Ra |
| Beam Angle | 100° |
| Calculated L70 (Hours) | L70B50 => 60,000 Hrs |
| Calculated L80 (Hours) | L80B50 => 60,000 Hrs |
| Calculated L90 (Hours) | L90B50 => 56,000 Hrs |

VARIATIONS

| | |
|-----------------|---|
| LC3631 | KARGO 18W Downlight, White, 100°, Phase Dim, Tri-Colour |
| LC3631D | KARGO 18W Downlight, White, 100°, DALI, Tri-Colour |
| LC3631RD | KARGO 18W Downlight, CRI90, White, 100°, DALI, Tri-Colour |