

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

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

#### Electrical Specifications

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

#### Optic Specifications

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

### VARIATIONS

<b>LC3631</b>	KARGO 18W Downlight, White, 100°, Phase Dim, Tri-Colour
<b>LC3631D</b>	KARGO 18W Downlight, White, 100°, DALI, Tri-Colour
<b>LC3631RD</b>	KARGO 18W Downlight, CRI90, White, 100°, DALI, Tri-Colour