

XL LED DOWNLIGHT

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FEATURES & BENEFITS

LED Downlights are an energy saving and efficient source of light suitable for many applications.

Cromptons XL LED Downlight offers excellent quality and with custom designed features. Designed in Australia for Australian conditions, and registered under the Solid State Lighting Luminaire Quality Scheme, this downlight is sure to out shine in any application.

CUSTOM DESIGNED INNER LOCKING RING

- Allows the fitting to be secured on a tilt
- Fitting cannot be retrofitted with a standard MR16 Halogen Lamp, allowing for a full energy star rating

FULLY DIMMABLE

- LED controller can be used on a dimmer switch or dimming circuit of either the leading edge or trailing edge type

LIGHT OUTPUT

- Similar output to most 50W FNV MR16 Halogen Lamps

THERMAL WIND BACK

- When the maximum surface temperature approaches 90 °C, the fitting will start to “wind back”, dimming the light output rather than cutting out completely

C-BUS

- C-Bus compatible

SOLID STATE LIGHTING LUMINAIRE

- Product is registered under the Lighting Council of Australia SSL (Solid State Lighting) Quality Scheme, guaranteeing performance of the XL LED to accredited test parameters

AUSTRALIAN DESIGN

- Designed in Australia for Australian conditions. Patent pending, registered design

WARRANTY REGISTRAR

- Have confidence in the XL LED Warranty by registering the details for each installation with Crompton

PRODUCT CODE	REFERENCE	DESCRIPTION
26272	KLED12AW	XL LED Gimbal DL23L Kit White
26273	KLED12ASC	XL LED Gimbal DL23L Kit Satin Chrome
26274	KLED12FW	XL LED Fixed DL21L Kit White
26275	KLED12FSC	XL LED Fixed DL21L Kit Satin Chrome

NOTE:

- Ambient working temperature must be within the range -20 °C to 50 °C
- Minimum clearance between thermal insulation and the converter is 50mm
- Loose fill insulation must be physically separated by a fire resistant barrier from the LED Lamp
- LED Controller can be used on a dimmer switch or dimming circuit of either the Leading Edge or Trailing Edge type. TE Dimmers are recommended for best performance
- Lamp and driver are designed to work together. Use with other types of lamps or gear is not advisable



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ELECTRICAL

Supply Voltage	220-240Vac
Supply Frequency	50-60Hz
Supply Current	70mA
Power Factor	0.95 undimmed
Total Input Power	16W maximum
Secondary Output Voltage	24V maximum
Secondary Output Current	650mA regulated
Lamp Power	12W
Input Capacitance of Driver	47nF = 0.047uF

MATERIALS

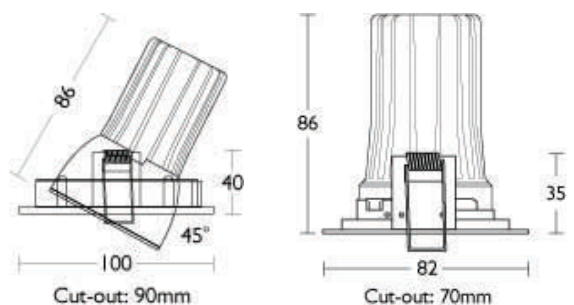
Heatsink	Aluminum, painted
Attachment Clip	Steel, painted
Lens Retaining Clip	Steel, chrome plated
Lens	Polycarbonate
Controller Base & Cover	Polycarbonate
Terminal Clamp Moulding	Polycarbonate
Electronic Components & PCB's	RoHS compliant with PB-free solder

THERMAL

Thermal Protection	Fully protected
Ambient Temperature Rating	50 °C
Maximum Surface Temp	75 °C
Ingress Protection Rating	IP20

OPTICAL/PHOTOMETRIC

Luminous Flux	530 lumens
CCT	3000K
CRI	85
Beam Angle	55°



DIMENSIONS/WEIGHT

Downlight	ø50x80mm, 150gm
Controller	165x44x37mm, 185gm
LED Lamp Life	50,000HR
Controller Life	50,000HR

SPECIFICATIONS