

Icon-800 Series Adjustable LED Downlight Specifications & Installation Guide



LED Lighting and Control
Designed and Manufactured in Australia

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Product specifications are subject to change without notice.

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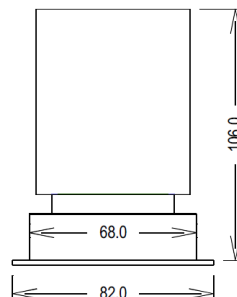
Safety Notes

- Install in a dry sheltered position
- Interior use only
- Installation should only be performed by a qualified professional
- Install in accordance with all appropriate wiring standards
- Never connect a LED fitting to a driver that is powered. Doing so may result in damage to the LED.
- Always make sure the output voltage range and output current of the LED driver match the requirements of the LED fitting. Failure to do so may result in damage both the driver and fitting.

Specifications

Physical

		Units
Dimensions	82 x 106	mm
Weight	400	g
Cut out size	70	mm



Inputs

	808	812	816	Units
Forward Voltage	21	22	23.1	V
Current	350	500	700	mA

Optical

808

					Units
Order Code	W30	W35	W40	W50	
Colour Temperature	3000	3500	4000	5000	K
Typical Lumens	504	507	510	555	lm

812

					Units
Order Code	W30	W35	W40	W50	
Colour Temperature	3000	3500	4000	5000	K
Typical Lumens	789	793	798	862	lm

816

					Units
Order Code	W30	W35	W40	W50	
Colour Temperature	3000	3500	4000	5000	K
Typical Lumens	901	908	914	983	lm

Beam Angles

Order Code	Beam Angle
22	22°
36	36°
60	60°

Installation

1. Cut hole in ceiling 70mm, nominal.
2. Connect the power supply lead to the luminaire and place the power supply in the ceiling space
3. Connect the power supply to the circuit, ensuring it is INACTIVE: Do not turn power on until the light fitting has been connected to the power supply. Failure to observe this requirement may cause damage to the LED circuit board and will VOID WARRANTY
4. Bend the two support springs back carefully toward the heat sink whilst inserting the luminaire, heatsink first, into the ceiling space
5. When the springs have fully entered the ceiling space, slowly release them, whilst holding the lower bezel of the fitting with the other hand
6. Remove your fingers from the ceiling space whilst slowly allowing the fitting to pull into the ceiling space under its own spring action DO NOT let the fitting 'snap' into position
7. Please note the adjustable version of the fitting may only be adjusted fore and aft (in one plane) it is not able to be rotated, so it is important that the fitting is placed to ensure that the direction of adjustment is at 90 degrees to the wall, or illuminated surface at the time of installation

For any technical information relating to the connection of these luminaires to dimming systems, refer to LED products at www.digilin.com.au