

## 8302501407

MELIC LED 10W COB Downlight - IP44

**MECHANICAL**

<b>Adjustability</b>	Adjustable
<b>Body Material</b>	Aluminium
<b>Diffuser Material</b>	Polycarbonate
<b>Product Finish</b>	Powdercoated
<b>Fitting Colour</b>	White
<b>IC Rating</b>	IC-4

IC-4 rating has been conducted at the products maximum working Temperature Range (C) in line with Australian standards. This provides the required safety when covered with insulation and used in Australian Environments.

<b>Installation Type</b>	Recessed
<b>IP Rating</b>	IP44 Front Face Only

**ELECTRICAL**

<b>Electrical Rating</b>	Class II
<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	10 W
<b>Switch Type</b>	Inline
<b>Working Temp Range</b>	-20 to 40 °C

**LAMP**

<b>Beam Angle</b>	60 °
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80

**LED LIFETIME**

<b>LED Lifetime</b>	35000 hrs
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This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.

**COLOUR TEMPERATURE**

<b>CCT</b>	3000 K
<b>CCT Colour</b>	Warm White
<b>LED Wattage</b>	8 W
<b>System Lumens</b>	900 lm

All photometric data has a tolerance of ±10%.

## DRIVER

<b>Dimmable</b>	Yes
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	No
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Dimmable ( Phase cut)
<b>Wiring Type</b>	Re-wireable Flex & Plug (2 pin)

## COMPLIANCE

<b>Standards</b>	AS/NZS 60598.1 AS/NZS 60598.2.2 AS CISPR 15
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## WARRANTY

<b>Commercial Use Warranty</b>	3 RTB (Total 3 Years)
<b>Domestic Use Warranty</b>	5 (Yr) RTB

## DIMENSIONS

<b>Cutout</b>	90 mm
<b>Product Diameter</b>	100 mm
<b>Product Height</b>	86 mm

## ORDERING INFORMATION

<b>Order code</b>	17455
<b>Description</b>	MELIC LED 10W COB Downlight IP44 Warm White Adj White
<b>Item Code</b>	8302501407

## LINE DRAWINGS

**8302501407**