

## AT9029/ADJ/WH/WW

12W LED COB Adjustable & Fixed head with  
dimmable driver

### Features

- Avail. In small, fixed & adjustable versions
- Supplied with Dimmable LED Driver
- Low glare
- High CRI
- Ideal for commercial, retail, showroom and decorative



### ORDERING INFORMATION

<b>Order code</b>	18851
<b>Description</b>	12W LED COB Adjustable downlight w/Dimm Driver - 60o beam - White - Warm white
<b>Driver Type</b>	Dimmable ( Phase cut)
<b>Item Code</b>	AT9029/ADJ/WH/WW

### MECHANICAL

<b>Adjustability</b>	Adjustable
<b>Body Material</b>	Aluminium
<b>Diffuser Material</b>	Glass
<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>Switch Type</b>	Inline
<b>System Max Wattage</b>	12 W
<b>Working Temp Range</b>	-20 to 40 °C

### LAMP

<b>Beam Angle</b>	60 °
<b>CCT Configuration</b>	Single
<b>CRI</b>	>90
<b>Lamp/LED Current</b>	300 mA
<b>LED Type</b>	COB
<b>Number of Lamps</b>	1
<b>UGR</b>	<10

## LED LIFETIME

**LED Lifetime** 54000 hrs

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.

**LED Lifetime Rating** L70B10 (9k)

**TM-21 Test Hours** 9000 hrs

## COLOUR TEMPERATURE

**CCT** 3000 K

**CCT Colour** Warm White

**System Lumens** 800 lm

All photometric data has a tolerance of ±10%.

## DRIVER

**Dimmable** Yes

**Driver Included** Yes

**Integrated Driver** No

**Driver Type** Dimmable ( Phase cut)

**Wiring Type** Re-wireable Flex & Plug (2 pin)

## ENERGY SAVINGS SCHEME

**Ipact Approval** Yes

**REES Approval** Yes

**VEU Approval** Yes

## COMPLIANCE

**Daily Use** 12 hrs

The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

**Standards** AS/NZS 60598.1  
AS/NZS 60598.2.2  
AS/NZS 61347.1  
AS/NZS 61347.2.13  
AS CISPR 15

## WARRANTY

**Commercial Use Warranty** 3 RTB (Total 3 Years)

**Domestic Use Warranty** 3 (Yr) RTB

**Operational Lifetime** 50000 hrs

**VIP Warranty** 2 Onsite, 3 RTB (Total 5 Years)

VIP warranty is available to registered users and is subjected to additional terms and conditions.

## DIMENSIONS

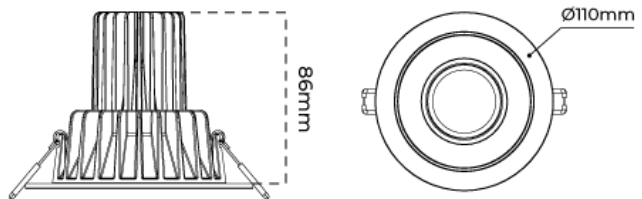
**Cutout** 90 mm

**Product Diameter** 110 mm

**Product Height** 86 mm

## LINE DRAWINGS

### AT9029/ADJ



## PHOTOMETRICS

### AT9029/ADJ/WH/WW

