atom

AT9039 Flush

8W LED Downlight with dimmable integral driver

Features

- Built-in Driver
- Ideal for Residential, retail, showroom and decorative
- IC-4 Rated - According to AS/NZS605982.2:2016
- Seamless Look

ORDERING INFORMATION

Order code	14539
Description	8W LED Downlight Dimmable - 90deg - w/F&P - White - Flush Lens - Warm White
Driver Type	Dimmable (Phase cut)
Item Code	AT9039/WH/F/WW

MECHANICAL

Adjustability	Fixed
Body Material	Aluminium
Product Finish	Powdercoated
Fitting Colour	White
IC Rating	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.

Installation Type	Recessed
IP Rating	IP44 Front Face Only

ELECTRICAL

Electrical Rating	Class II
Input Frequency	50 Hz
Input voltage	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%

Maximum Wattage	8 W
Switch Type	Inline

Working Temp Range	5 to 40 °C

LAMP

Beam Angle	90 °
CCT Configuration	Single
CRI	>80
LED Type	Diffused
Number of Lamps	1

LED LIFETIME

LED Lifetime	36000 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 (6k)
TM-21 Test Hours	6000 hrs

COLOUR TEMPERATURE

CCT	3000 K
CCT Colour	Warm White
Luminaire Lumens	650 lm

All photometric data has a tolerance of ±10%. Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	Yes
Driver Type	Dimmable (Phase cut)
Wiring Type	Non rewireable Flex & Plug

COMPLIANCE

Product Design Life	10 years

The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

Daily Use	10 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	30000 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.

Warranty Operating Hours	13000 hrs

This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).
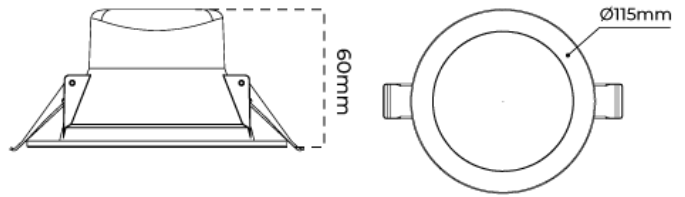
DIMENSIONS

Cutout	90 mm
Product Diameter	115 mm
Product Height	60 mm

LINE DRAWINGS

AT9039/F

PHOTOMETRICS

AT9039/WH/WW

Lamp=669.1 lm
Max=296 cd
Power=9 W

-115x-115x5 mm