

AT9029/SML/WH/CW

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



ORDERING INFORMATION

Order code	11607
Description	12W LED COB Downlight w/Dimm Driver - 60o Beam - 70mm cut-out - White - Cool white
Driver Type	Dimmable (Phase cut)
Item Code	AT9029/SML/WH/CW

MECHANICAL

Adjustability	Fixed
Body Material	Aluminium
Diffuser Material	Glass
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%	
Switch Type	Inline
System Max Wattage	12 W
Working Temp Range	-20 to 40 °C

LAMP

Beam Angle	60 °
CCT Configuration	Single
CRI	>90
Lamp/LED Current	300 mA
LED Type	COB
Number of Lamps	1
UGR	<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	4000 K
------------	--------

CCT Colour	Cool White
-------------------	------------

System Lumens	905 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

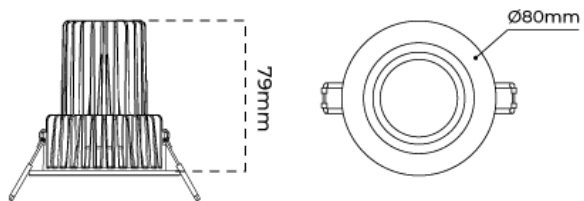
Cutout	70 mm
---------------	-------

Product Diameter	80 mm
-------------------------	-------

Product Height	79 mm
-----------------------	-------

LINE DRAWINGS

AT9029/SML



PHOTOMETRICS

AT9029/SML/WH/CW

