AT3013/SLIM/14/TRI

Slim opal acrylic LED oyster tri-colour

Features

- Slim profile
- Tri-colour
- Easy to install
- Energy efficient
- Insect resistant seal

ORDERING INFORMATION

Order code	18270
Description	SLIM 14W 300mm Dia Oyster - Tri CCT
Driver Type	Fixed output
Item Code	AT3013/SLIM/14/TRI

MECHANICAL

Body Material	Steel
Diffuser Material	Acrylic
Fitting Colour	White
Installation Type	Wall or Ceiling
IP Rating	IP44

ELECTRICAL

Electrical Rating	Class I
Input Current	0.07 A
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	14 W
Power Factor	0.95
Switch Type	Inline
Working Temp Range	-20 to 40 °C

LAMP

CCT Configuration	TRI-CCT
CRI	>80
System Efficiency	96 lm/W

LED LIFETIME

LED Lifetime	>54,000 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.

Ambient Temp (°C)	25 °C	40 °C
L90B10	36,000 hrs	35,000 hrs
L80B10	>54,000 hrs	>54,000 hrs
L70B10	>54,000 hrs	>54,000 hrs
L70B50	>54,000 hrs	>54,000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

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TM-21 Test Hours	9000 hrs

COLOUR TEMPERATURE

Warm White (3000 K)	1400 lm
Cool White (4000 K)	1520 lm
DayLight (5000 K)	1500 lm

DRIVER

Dimmable	No
Driver Included	Yes
Driver Mode	Constant Current
Driver Type	Fixed output
Wiring Type	Re-wireable terminal block (3 pin)

COMPLIANCE

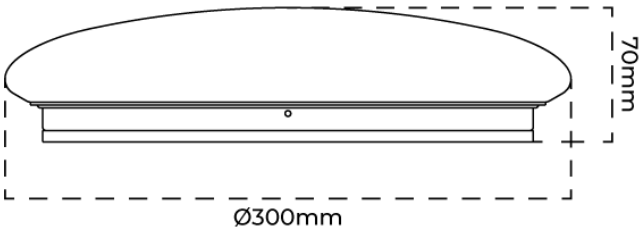
Standards	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15

DIMENSIONS

Product Diameter	300 mm
Product Height	70 mm

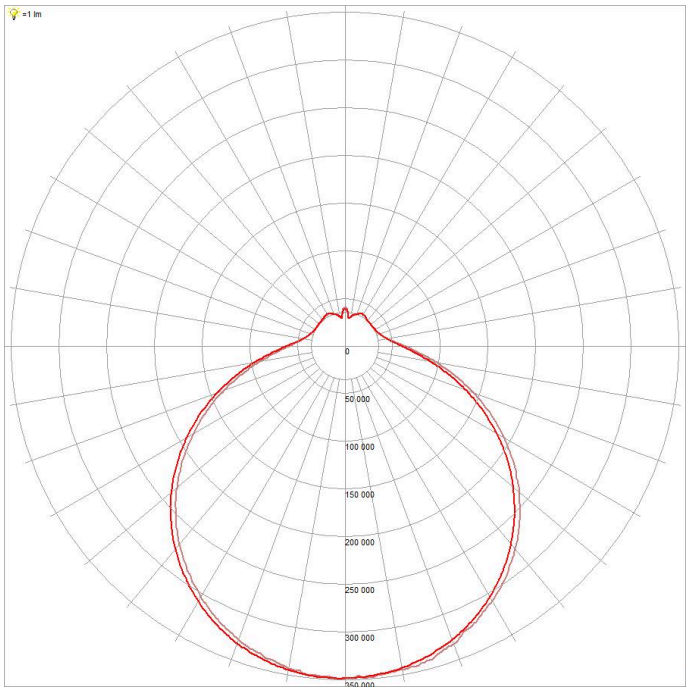
LINE DRAWINGS

AT3013/SLIM/14/TRI



PHOTOMETRICS

AT3013/SLIM/14/TRI



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