

## 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

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

### MECHANICAL

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

### ELECTRICAL

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

<b>CCT Configuration</b>	TRI-CCT
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<b>CRI</b>	>80
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<b>System Efficiency</b>	96 lm/W
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### LED LIFETIME

<b>LED Lifetime</b>	>54,000 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.

<b>Ambient Temp (°C)</b>	25 °C	40 °C
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<b>L90B10</b>	36,000 hrs	35,000 hrs
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<b>L80B10</b>	>54,000 hrs	>54,000 hrs
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<b>L70B10</b>	>54,000 hrs	>54,000 hrs
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<b>L70B50</b>	>54,000 hrs	>54,000 hrs
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This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the preceding number gives the resultant lumen output at the end of its reported lifetime. L70, would mean 70% lumen depreciation which means 30% 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.

**TM-21 Test Hours** 9000 hrs

## COLOUR TEMPERATURE

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

## DRIVER

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

## COMPLIANCE

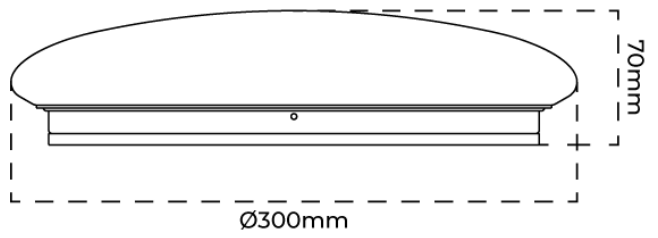
<b>Standards</b>	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15
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## DIMENSIONS

<b>Product Diameter</b>	300 mm
<b>Product Height</b>	70 mm

## LINE DRAWINGS

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## PHOTOMETRICS

### AT3013/SLIM/14/TRI

