AT3014 TRI

Round Low-profile IP54 Dimmable Oyster, Tri-CCT

- Energy efficient LED
- IP54 weatherproof rating
- Sleek modern slimline design
- Phase-cut dimmable
- Tri-CCT selectable

ORDERING INFORMATION

Order code	11943
Description	25w LED 350mm Round Low Profile Dimmable IP54 Poly. Oyster - White Trim - TRI-CCT
Driver Type	Dimmable (Phase cut)
Item Code	AT3014/25/WH/TRI

EFFICIENCIES

Total System Efficiency	104 lm/W

The performance of each component of a luminaire is demonstrated through its efficiencies, which together determine the total system efficiency of the product. The output of the LED chip is first multiplied by the optical and thermal efficiencies to calculate the Luminaire efficiency. However, this calculation does not consider the driver efficiency. To determine the overall efficiency of the system, the Luminaire efficiency must be multiplied by the driver efficiency, which accounts for all losses in the system.

MECHANICAL

Adjustability	Fixed
Body Material	Polycarbonate
Diffuser Material	Polycarbonate
Fitting Colour	White
IK Rating	IK08
Installation Type	Wall or Ceiling
IP Rating	IP54

ELECTRICAL

Electrical Rating	Class II
Input Current	0.12 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%

Switch Type	Inline
System Max Wattage	25 W
Working Temp Range	-20 to 45 °C

LAMP

CCT Configuration	TRI-CCT
CRI	>80

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
Ambient Temp (°C)	40 °C
L90B10	37000 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

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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 (3000K K)	2400 lm
Cool White (4000K K)	2600 lm
DayLight (5700K K)	2500 lm

DRIVER

Dimmable	Yes
Driver Included	Yes
Integrated Driver	Yes
Driver Mode	Constant Current
Driver Type	Dimmable (Phase cut)
Wiring Type	Re-wireable terminal block (3 pin)

COMPLIANCE

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

WARRANTY

Domestic Use Warranty	3 (Yr) RTB
VIP Warranty	2 Onsite, 3 RTB (Total 5 Years)

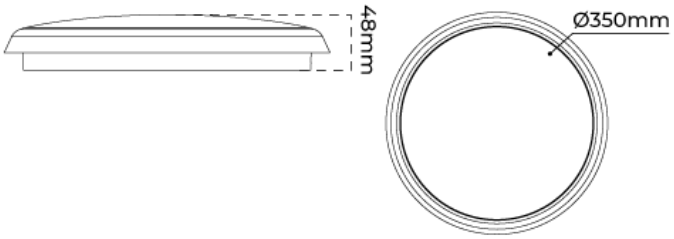
VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

Product Height	40 mm
Product Length	350 mm
Product Width	350 mm

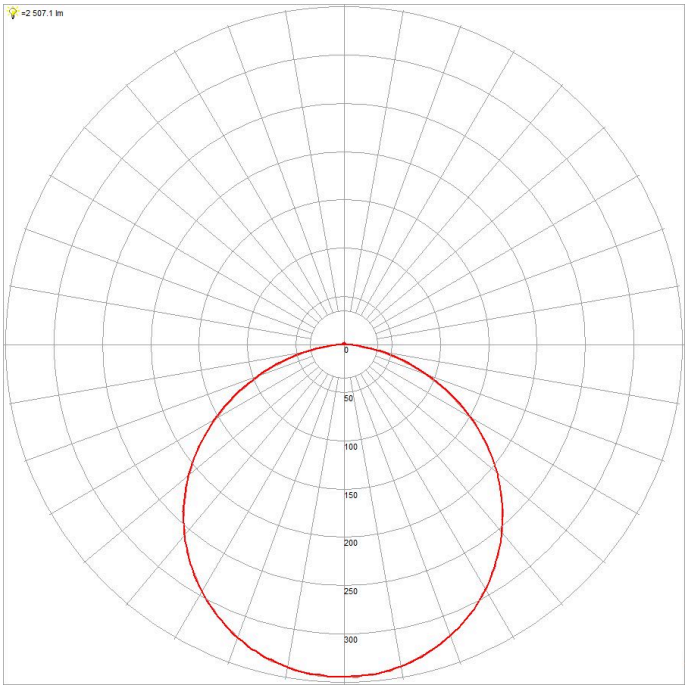
LINE DRAWINGS

AT3014/TRI/25



PHOTOMETRICS

AT3014/25/TRI/5700K



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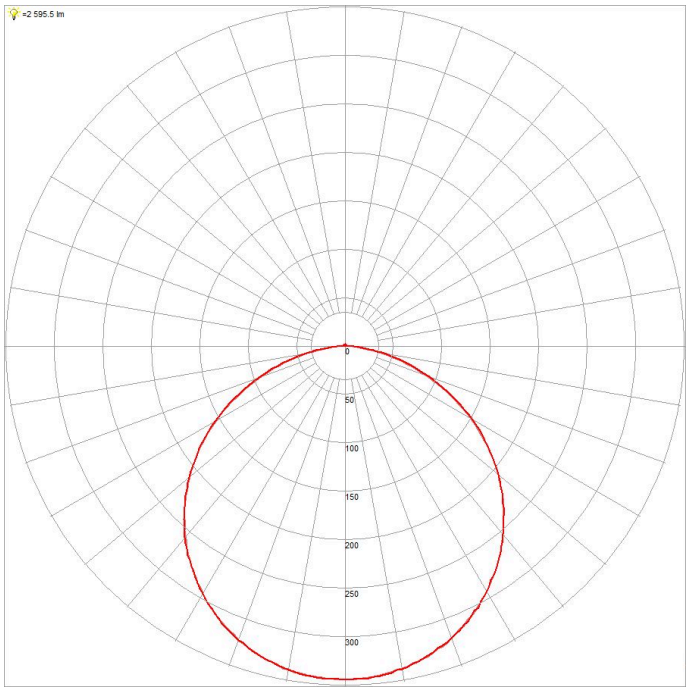
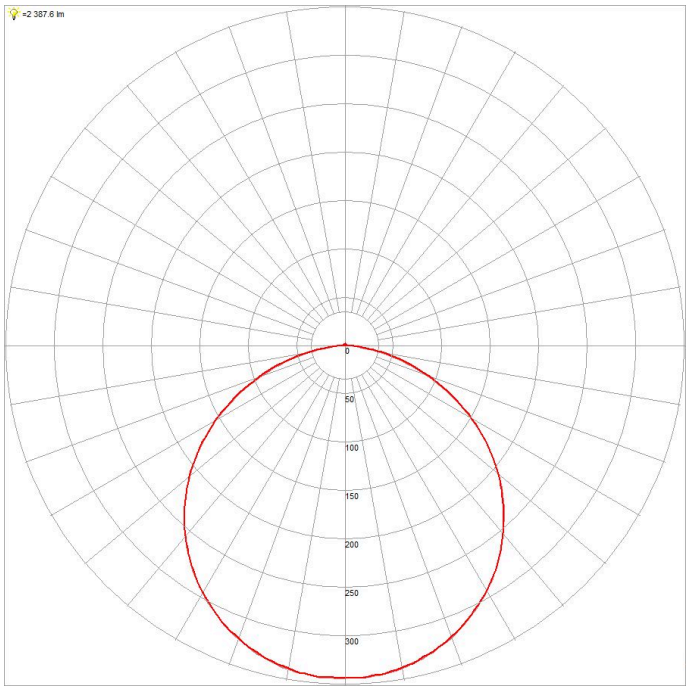
AT3014/25/TRI/4000K



AT3014/25/TRI/3000K



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