



PEARL ADVANCED IP54

Pearl Advanced Circular IP54, Tri-Colour, 325 mm

- Tri-colour selection
- IP54 weatherproof rating
- Inbuilt mains rated microwave sensor
- Corridor mode

ORDERING INFORMATION

Order code	11030
Description	Pearl Circular IP54 with Sensor - 12.5W
Driver Type	Fixed output
Item Code	EV-PEARL-IP54-S

MECHANICAL

Body Material	Polycarbonate
Diffuser Material	Polycarbonate
Fitting Colour	White
Installation Type	Surface mount
IP Rating	IP54

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	14.5 W
Standby Power	14.5 W

Standby power for non-maintained/switched maintained emergency devices is measured when the light is off and the charger is in standby mode. For maintained emergency devices, standby power is measured when the light is on and the charger is in standby mode. Typically, charging occurs for the first 16 hours after the device is powered or after a battery discharge.

Switch Type	Inline
Working Temp Range	0 to 40 °C

LAMP

CCT Configuration	TRI-CCT
Colour Rendering Index (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	L70 B10
TM-21 Test Hours	9000 hrs

COLOUR TEMPERATURE

12 Watts	
3000 K	1140 lm
4000 K	1300 lm
6000 K	1170 lm

DRIVER

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

COMPLIANCE

Product Design Life 6 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.

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

WARRANTY

Commercial Use Warranty 5 RTB (Total 5 Years)

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 Diameter 325 mm

Product Height 105 mm

LINE DRAWINGS

EV/PEARL/IP54/S

