

# EV-PEARL-EM-IP54-LITE-S

Pearl Advanced Circular IP54, Tri-Colour, 325 mm

## FEATURES

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

## ORDERING INFORMATION

<b>Order code</b>	11013
<b>Description</b>	Pearl Circular Lite Emergency IP54 with Sensor - 12.5W
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	EV-PEARL-EM-IP54-LITE-S

## MECHANICAL

<b>Body Material</b>	Polycarbonate
<b>Diffuser Material</b>	Polycarbonate
<b>Fitting Colour</b>	White
<b>IK Rating</b>	IK08
<b>Installation Type</b>	Surface mount
<b>IP Rating</b>	IP54

## ELECTRICAL

<b>Electrical Rating</b>	Class II
<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>	17 W
<b>Switch Type</b>	Inline
<b>Working Temp Range</b>	0 to 40 °C



## LAMP

<b>CCT Configuration</b>	TRI-CCT
<b>CRI</b>	>80

## 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. Ektor 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>TM-21 Test Hours</b>	9000 hrs
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## COLOUR TEMPERATURE

Warm White (3000K)	1140 lm
Cool White (4000K)	1300 lm
DayLight (6000K)	1170 lm

## DRIVER

<b>Dimmable</b>	No
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	No
<b>Driver Type</b>	Fixed output
<b>Wiring Type</b>	Re-wireable terminal block (4 pin)



## SENSOR (S SUFFIX)

Adjustable Detection Area / Sensitivity	Yes
Adjustable Hold Time	Yes
Adjustable Standby Level	No
Adjustable Standby Period	No
Corridor Function	No
Dawn Reset	No
Detection Range	6 m
Dusk Mode	Yes
Load Types	LED
Lux Adjustment	Yes
Lux Range	3-1000 lx
Manual Override	No
Sensor Type	Microwave
Switched Output	Yes
Switched Output Rating	125 W
Time Delay	12

## EMERGENCY (EM SUFFIX)

Replacement Battery Code	01302
Emergency Classification	C0:D32, C90:D32
Emergency Duration	90 mins
Emergency Lumen Output	312 lm
Emergency Mode	Maintained
Emergency Output Power	3300 mW

## COMPLIANCE

Product Design Life	8 years
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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 60598.2.22 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15 AS/NZS 2293.3
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## WARRANTY

Commercial Use Warranty	3 RTB (Total 3 Years)
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## DIMENSIONS

Product Diameter	325 mm
Product Height	105 mm

## LINE DRAWINGS

EV/PEARL/IP54/S

## PHOTOMETRICS

EV/PEARL/EM/IP54/LITE/S