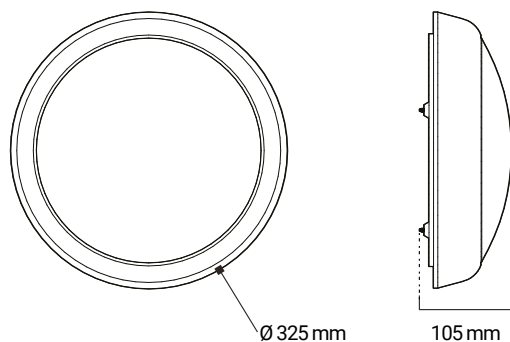# PEARL IP64

ADVANCED

FEATURES

- Fully compliant **(AS/NZS 2293)**
- Emergency and non-emergency models
- Works as Single Point Units (**SPU**) out of the box
- High Quality Lithium batteries **(LiFePO$_4$)** and smart charger

D32 **CLASSIFICATION**
Light coverage for
emergency light

TRI **TRI-COLOR**
Selectable colour
temperature

CORRIDOR MODE
Hold lights at a min level
when no motion is detected

WEATHERPROOF
IP64 and insect resistant
twist and lock system

OPERATIONAL INFORMATION

GENERAL

Voltage	240V~ 50Hz
Ambient temp.	0 to 40°C
Class	2
IP rating	IP64
Wiring	Terminal block (1-16 mm □)
Mounting type	Surface
CRI	>80
Lamp power	12.5 W

LIGHT COLOUR	COLOUR TEMP.	LUMENS
Warm White	3000K	1250 lm
Daylight	4000K	1490 lm
Cool White	5700K	1330 lm

SENSOR

Max. sensor output	400 W max.
Detection range	Ø8 m (at 3 m height)

EMERGENCY

Em. lamp power	2.7 W
Rated duration	90 / 120 min
Classification	D32 (2hr)

BATTERY		CHARGE	
Type	LiFePO$_4$	Type	Smart charge
Voltage	6.4 V	Time	16 Hours
Codes	01302		

CONSTRUCTION

Body	PC	Diffuser	Opal
Gear tray	FR-4		

WEIGHT (NET / GROSS)

11020	1.1 / 6.78 kg	11013	1.19 / 6.9 kg
11021	1.02 / 6.42 kg	11030	1.07 / 6.1 kg

COMPLIANCE

Standards	AS/NZS 60598.2.22 AS/NZS 2293.3	IEC 60598-2-22 CISPR 15

NOTE: For more information on the chemical resistance of our polycarbonate or our compliance documentation, please see our website.

PRODUCT RANGE

ORDER CODE	PRODUCT NO.	SKU	QTY
EV-PEARL-EM-IP64-ADV Pearl Circular IP64 Emergency, Tri-Colour **LEGACY CODE: EV-PEARL-EM-IP54-LITE**	9336462110201	11020	4
EV-PEARL-EM-IP64-ADV-S Pearl Circular IP64 Emergency, Tri-Colour, Corridor function **LEGACY CODE: EV-PEARL-EM-IP54-LITE-S**	9336462110133	11013	4
EV-PEARL-IP64-ADV Pearl Circular IP64, Tri-Colour **LEGACY CODE: EV-PEARL-IP54**	9336462110218	11021	4
EV-PEARL-IP64-ADV-S Pearl Circular IP64, Tri-Colour, Corridor function **LEGACY CODE: EV-PEARL-IP54-S**	9336462110300	11030	4

GENERAL FEATURES
- Tri-colour selection
- IP64 weatherproof rating
- Emergency and non-emergency models

EMERGENCY MODELS (-EM)
- Fully compliant (AS/NZS 2293.3)
- High Quality Lithium battery (LiFePO$_4$) and smart charger

SENSOR MODELS (-S)
- Inbuilt Microwave sensor
- Corridor mode

BUILT TO LAST
- Long life electronics
- 7 Years Design Life – 60,000 hours at max. ambient

SUITABLE INSTALLATION TYPES (OUT OF THE BOX)
- Standalone (SPU)

Ø 325 mm   105 mm

TOTAL POWER CONSUMPTION (TPC)

MODEL	LAMP ON		LAMP OFF	
	MAX.	AVG.	MAX.	AVG.
Without Sensor	16 W	13.75 W	2.5 W	0.5 W
With Sensor	17 W	14.75 W	3 W	0.75 W

NOTE: Average power consumption calculated with the assumption of four emergency events per year and that the battery charger is in standby at all other times (above typical usage).

SPACING TABLE (D32 - 0.2 LUX)   2005

MOUNTING HEIGHT (M)							
2.1	2.4	2.7	3	3.3	3.6	4	4.5
15.4	16.1	16.7	17.2	17.6	18.0	18.5	19.1
5	6	7	8	9	10	15	20
19.5	20.2	20.6	20.7	20.6	20.3	14.6	

ACCESSORY RANGE

ORDER CODE	DESCRIPTION
EV-1500MAH-6.4V-LIFEPO4	1500mAH 6.4V 2 Cell LiFePO$_4$ Battery

ektor.com.au
E: sales@evolt.com.au
P:1300 4EVOLT (438 658)

evolt
the electrical evolution

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