



PEARL IP65

A NEW ERA OF EMERGENCY MONITORING AND TESTING



**EMERGENCY
MODELS**

FEATURES

- **IP65 rating**
- Fully compliant
- Long life electronics
- Selectable colour temperature
- Best in class energy consumption
- DALI Microwave Sensor model available
- 10 Years Design Life – 100,000 hours at max. ambient*
- High Quality Lithium battery (LiFePO₄) and smart charger



WIRELESS UPGRADE

Automatically test and sync data to the Cloud



DALI CERTIFIED

Connect to a DALI system for DALI testing



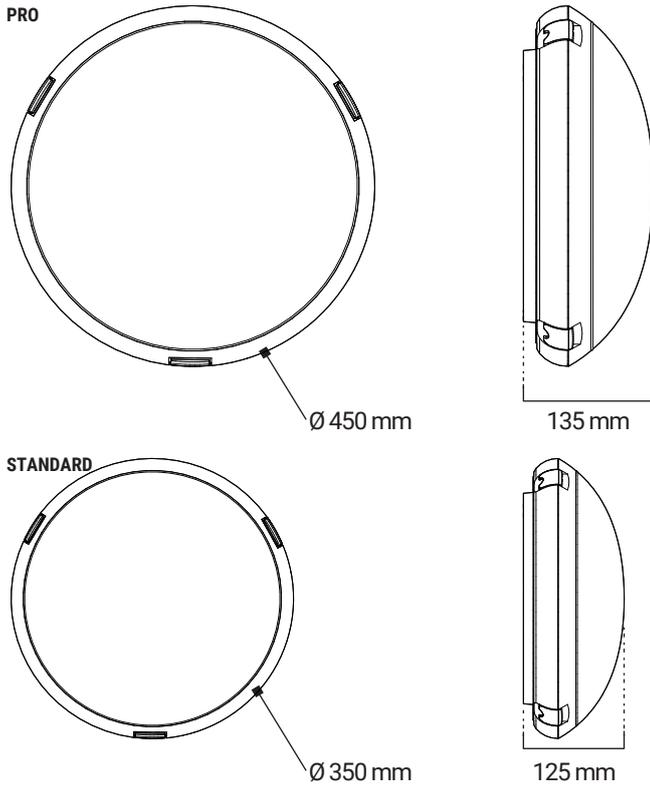
SELF TEST

Commission the product to perform its own tests



SINGLE POINT UNIT

Ektor products work as SPU's out of the box



OPERATIONAL INFORMATION

GENERAL

Voltage	220~240V
Frequency	50Hz
Ambient temp.	0 - 40°C
Class	1
Wiring	Hardwired
Mounting type	Surface
IP rating	IP65

LED WATTAGE

Standard	15 W
Pro	25 W

SENSOR

Max. sensor output	400 W max.
Beam angle	120°
Detection range	4 m (mounted at 3 m height)

LIGHT COLOUR COLOUR TEMPERATURE LUMENS

Warm White	3000K	1095 lm
Daylight	4000K	1682 lm
Cool White	5700K	1682 lm

EMERGENCY

Rated duration	3 hours
Duration	1 / 2 / 3 / 4 / 8 hours (dependant on jumpers)
Emergency testing	Standalone Self test Wi-Fi Self test DALI Self test

COMPLIANCE

Standards	IEC 60598-2-22 CISPR 15 IEC 62034 IEC 62386-201 EMC-2004/108/EC LVD-2006/95/EC
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BATTERY		CHARGE	
Type	LiFePO ₄	Type	Smart charge
Voltage	6.4 V	Time	16 Hours
Standard code	zc-batt-1500mah	Operation	Multi-state
Pro code	zc-batt-3000mah		

WEIGHT

Standard	1.95 kg net	Pro	2.75 kg net
Standard w. sensor	2 kg net	Pro w. sensor	2.8 kg net

CONSTRUCTION

Body	ABS
Diffuser	PC
Gear tray	Powder coated steel

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

PRODUCT RANGE

ORDER CODE	PRODUCT NUMBER	QTY
EV-PEARL-EM-WP Pearl Circular IP65 Emergency	9336462018088	4
EV-PEARL-EM-WP-S Pearl Circular IP65 Emergency with Sensor	9336462018125	4
EV-PEARL-EM-PRO-WP Pro Pearl Circular IP65 Emergency	9336462018095	4
EV-PEARL-EM-PRO-WP-S Pro Pearl Circular IP65 Emergency with Sensor	9336462018132	4

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*Excludes battery

TOTAL POWER CONSUMPTION (TPC)

MODEL	LAMP ON		LAMP OFF	
	MAX.	AVG.	MAX.	AVG.
Standard	21 W	18.15 W	2.5 W	<0.25 W
Standard w. sensor	22 W	19.25 W	3 W	<0.75 W
Pro	29 W	26.75 W	2.5 W	<0.25 W
Pro w. sensor	30 W	27.75 W	3 W	<0.75 W

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PEARL CIRCULAR IP65 EMERGENCY

EMERGENCY PERFORMANCE

MODEL	HOURL	1	2	3	4	8	CB
Standard	Lamp power (W)	2.7	2.7	1.6	1.1	0.5	1.6
Pro	Lamp power (W)	5	5	2.8	1.7	1.2	3

ACCESSORY RANGE

ORDER CODE	DESCRIPTION
ZC-BATT-3000MAH	zencontrol - 3000mAh 6.4V 2 Cell LiFePO ₄ Battery
ZC-BATT-1500MAH	zencontrol - 1500mAh 6.4V 2 Cell LiFePO ₄ Battery
ZC-MW-BASIC	zencontrol - Microwave sensor 16m, internal mains rated kit for mounting in enclosure, compact form factor
ZC-WIFI	zencontrol - Wi-Fi Expansion Module
ZC-ECM-DALI	zencontrol - Easy Commissioning Module

Datasheet is subject to change without notice, E&OE
Last updated: 31 October 2018 _V2.1