



E&E LIGHTING
AUSTRALIA

PRODUCT CODE: EMSHELL EMERGENCY LED OYSTER LUMINAIRE

PRODUCT INFORMATION

PRODUCT CODE	DESCRIPTION
EMSHELL	20W LED Emergency Oyster Luminaire
EMSHELLS	20W LED Emergency Oyster Luminaire with Microwave Sensor

ORDERING INFORMATION

Carton Qty	6 pieces
Weight	1.4kg (unit) - 8.4kg (box)
Dimension (L x H)	370mm x 115 mm (Diffuser) 325mm x 115mm (Base)



OPERATIONAL INFORMATION

TECHNICAL SPECIFICATIONS

Operating Mode	Switch-Maintained
Operating Voltage	220-260V; 50Hz
Operating Temperature	1° - 45° C
IP Rating	IP20
Wiring	Large Terminal Block
Mounting Type	Surface Mount
Testing System	Manual Test Switch
Construction	Polycarbonate Diffuser and Metal Base
Classification	C0 D25 C90 D25
Standards	AS/NZ 2293 AS/NZS 60598.1 EMC

BATTERY AND LEDS

Battery	High-Temp LiFePO4 Lithium Battery
Power Consumption	20W
Charging Method	3 Stage Intelligence
Charging Time	16 Hours
Power Factor	>0.95
Lens	LED Lamp Rated at 50,000 Hours
Lumens Output	2000lm
Colour Temperature	Tri-Colour
Beam Angle	110 Degrees
CRI	<80

REPLACEMENT PART

PART NUMBER	DESCRIPTION
BSHELL	LiFePO4 Lithium Battery, 3.2V; 3000mAh

SPACING TABLE AND MOUNTING HEIGHT

CLASSIFICATION	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5	5m	6m	7m	8m	9m	10m	15m
D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2	17.8	17.2	0

NOTE: Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure that conformance to Clause 4.3 of AS/NZS 2293.1 is maintained (e.g. maximum 500 m2 per emergency luminaire).

The product details outlined in this document are accurate as of the document's version date. We reserve the right to modify product design, specifications, or materials without prior notice due to ongoing product improvement policy and changes to industry standards. We recommend confirming the applicable specifications at the time of placing your order to ensure alignment with the most current information.

Version: 0325-02



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