



E&E LIGHTING
AUSTRALIA

PRODUCT CODE: EMD80

LED RECESSED EMERGENCY LUMINAIRE

PRODUCT INFORMATION

PRODUCT CODE	DESCRIPTION
EMD80	LED Recessed Emergency Luminaire - D80 Classification

ORDERING INFORMATION

Carton Qty	20 pieces
Weight	0.6kg (unit) - 12kg (box)
Dimension (L x W x H)	200mm x 55mm x 30mm - Control Pack; 84mm(S), 145mm(L) - Head Diameter



OPERATIONAL INFORMATION

TECHNICAL SPECIFICATIONS

Operating Mode	Non-Maintained
Operating Voltage	220-260V; 50Hz
Operating Temperature	1° - 45° C
IP Rating	IP20
Wiring	Flex and Plug
Mounting Type	Recessed Mount
Testing System	Manual Test Switch
Construction	Polycarbonate
Classification	C0 D80 C90 D80
Standards	AS/NZ 2293 AS/NZS 60598.1 EMC

BATTERY AND LEDS

Battery	High-Temp LiFePO4 Lithium Battery
Power Consumption	4W
Charging Method	3 Stage Intelligence
Charging Time	16 Hours
Lens	LED Lamp Rated at 50,000 Hours
Cutout Size	65mm-80mm(S), 65mm-140mm(L)

REPLACEMENT PART

PART NUMBER	DESCRIPTION
BD80	LiFePO4 Lithium Battery, 6.4V 3200mAh

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
D80	11.5	13.2	14.8	16.5	18.1	19.8	22	24.7	27.5	28.9	30	30.9	31.5	32.1	32.3

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.

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