SYNNOVATE®

Advanced Exit & Emergency Lighting

EMERGENSEE™ *POD*

D80 LED - SURFACE MOUNTED
EMERGENCY LIGHT FOR FREEZER APPLICATION

The EmergenSee™ Pod combines a lifetime-warranted ultra bright LED with a Syclops™ optical lens in a water-tight enclosure to deliver an unobtrusive, ultra bright source of illumination intended to alleviate panic and establish a safe, distinct and efficient egress path in the event of an emergency.

This award-winning product comes in an architecturally-pleasing compact design that can be surface mounted onto any solid surface and the externally-mounted remote box allows for the emergency lampto be installed in freezing -30°C applications such as freezer rooms and laboratories.

D80 | Lifetime LED | SURFACE MOUNT | IP65 | -40°C | 2W | 3 YEAR WARRANTY | AUSTRALIAN OWNED

STATUS

TEST

(Remote box)

powered by SYNTHIUM™

SYNTHIUM™ nanotechnology is an advanced environmentally sustainable energy development that offers extended battery life, low cost of ownership, enhanced performance and improved safety.
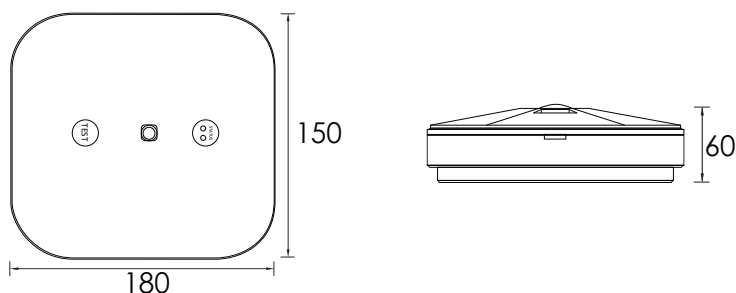
Certified Product

Australian Standard
AS/NZS 2293

Technical Specifications

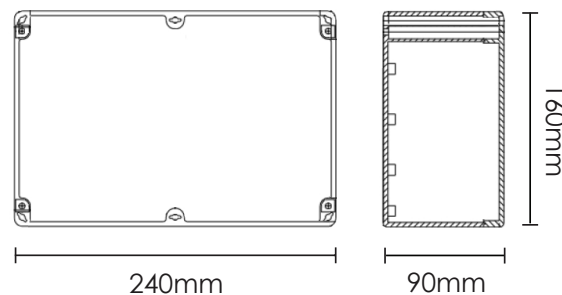| Item	Part Number	EMS-POD/RB
	Description	D80 LED Surface Mounted Weatherproof IP65 Non-Maintained Low Temperature Emergency Light c/w Synthium™ Battery, separate Remote Box
Input	Voltage & Frequency	230VAC ; 50Hz
	Installation	Terminal block, 20mm² cable entry
Output	Light Source	High performance 5W LED with *Syclops*™ optical lens - lifetime warranty
	Mode of Operation	Non-Maintained
	Power Consumption	2W (standby)
	Emergency Duration	> 120 minutes
Controls	Charger	16hr intelligent 3-stage charger with *Synthium*™ battery management system
	Protection	Overcharge, low voltage disconnect, overcurrent, short circuit
	Testing Facility	Manual test switch
	Indicators	Battery charger green LED
Physical	Batttery	*Synthium*™ Lithium Iron Phosphate - 10 year design life
	Construction	Flame-retardant polycarbonate
	Mounting	Surface mounted - ceiling, or retrofittable into existing luminaire*
	Dimensions L x W x H	Light Box: 180mm x 150mm x 60mm , Remote Box: 240mm x 160mm x 90mm
	IP / IK Rating	IP65 / IK08
	Weight	2.0kg
	Warranty	3 years
Environment	Operating Temperature	-40° to 40°C
	Relative Humidity	0 to 95%
Compliance	Standards	RCM / EMC, AS/NZS 2293, AS/NZS 60598.1
	AS/NZS 2293 Classification	C0 D80 C90 D80
Accessories	STAR™ Self-Test and Reporting	P/N: EMS-POD/RB/ST
	DALI-compatible	P/N: EMS-POD/RB/DL
	SYNECTIX™ RF Wireless	P/N: EMS-POD/RB/RF
	Replacement Battery	P/N: BAT-POD: Synthium™ LiFePO$_4$

NOTE: Product specifications subject to change without prior notice due to ongoing product improvement policy and changes to industry standards.

Dimensions

1) Light Box

2) Remote Box

AS/NZS 2293.1:2018 Spacing Table

SPACING TABLE	MOUNTING HEIGHT (m)								
NATA Classification	2.1	2.4	2.7	3.0	4.0	5.0	6.0	8.0	10.0
C0 - D80	11.5	13.2	14.8	16.5	22.0	27.5	28.9	30.9	32.1
C90 - D80	11.5	13.2	14.8	16.5	22.0	27.5	28.9	30.9	32.1

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