SYNNOVATE®

Advanced Exit & Emergency Lighting

EMERGENSEE™ *POD*

D80 LED - WEATHERPROOF SURFACE MOUNTED
NON-MAINTAINED EMERGENCY LIGHT

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 either be surface mounted onto a solid surface or easily retrofitted into an existing luminaire*. It can be used in almost all general applications including offices, shopping centres, commercial properties, and residential buildings.

D80 | Lifetime LED | SURFACE MOUNT | IP65 | 2W | 5 YEAR WARRANTY | AUSTRALIAN OWNED

STATUS

TEST

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.
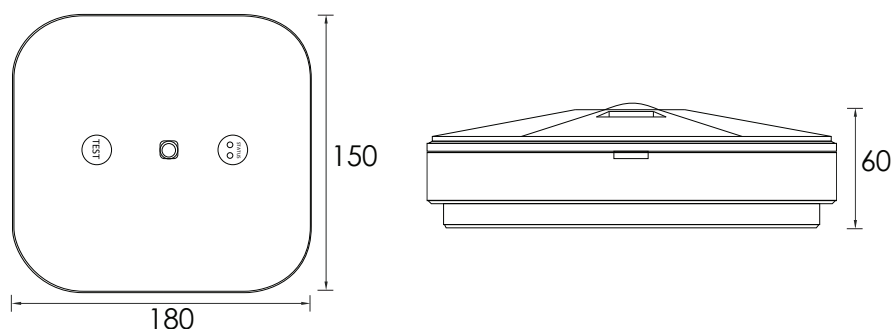
Certified Product

Australian Standard
AS/NZS 2293

Technical Specifications

Item		
	Part Number	EMS-POD
	Description	D80 LED Surface Mounted Non-Maintained Emergency Light c/w *Synthium™* Battery

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	1W (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		
	Construction	Flame-retardant polycarbonate
	Mounting	Surface mounted - ceiling
	Dimensions L x W x H	180mm x 150mm x 60mm
	IP Rating	IP65
	Weight	1.0kg
	Warranty	5 years on product

Environment		
	Operating Temperature	1° 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/ST
	DALI-compatible	P/N: EMS-POD/DL
	SYNECTIX™ RF Wireless	P/N: EMS-POD/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

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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