SYNNOVATE®

Advanced Exit & Emergency Lighting

EMERGENSEE™ *PRO-X*

D80 LED - RECESSED MOUNTED VANDALPROOF NON-MAINTAINED EMERGENCY LIGHT

The EmergenSee™ Pro's lifetime-warranted LEDs 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.

The IK10 vandalproof IP54 weatherproof shield provides anti-ligature, tamper and impact resistance and provides protection against theft and prevention in potential risk of self harming environments such as prisons, mental health and areas prone to potential impact or damage.

D80 · Lifetime LED · RECESSED MOUNT · VANDALPROOF IK10 · FLEX AND PLUG · 2W · 5 YEAR WARRANTY · AUSTRALIAN OWNED

Available as:

Single Point · STAR Self-Test and Reporting · DALI · SYNECTIX RF

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

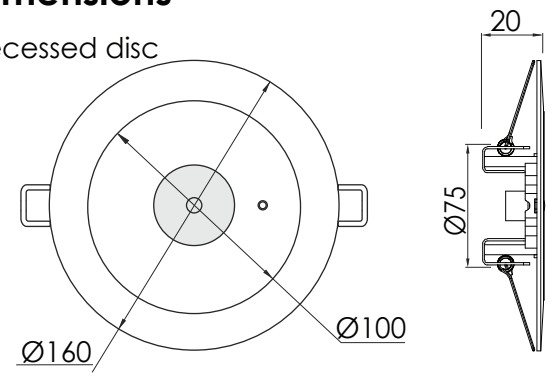
Technical Specifications

Item	**Part Number**	**EMS-PRO/X**
	Description	D80 LED Recessed Vandalproof Anti-Ligature Non-Maintained Emergency Light
Input	**Voltage & Frequency**	230VAC ; 50Hz
	Installation	Complete with 1.2m flex cable & plug
Output	**Light Source**	High performance Twin 3W 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	**Battery**	*Synthium*™ Lithium Iron Phosphate - 10 year design life
	Construction	Flame-retardant polycarbonate
	Mounting	Recessed - ceiling, 70 - 150mm cut-out
	Dimensions (Diameter)	Disc: 100mm or 150mm, Cover: 120mm
	IP / IK Rating	IP54 / IK10
	Weight	1.0kg
	Warranty	5 years
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-PRO/X/ST
	DALI-compatible	P/N: EMS-PRO/X/DL
	SYNECTIX™ RF Wireless	P/N: EMS-PRO/X/RF
	Replacement Battery	P/N: BAT-PRO: Synthium™ $LiFePO_4$

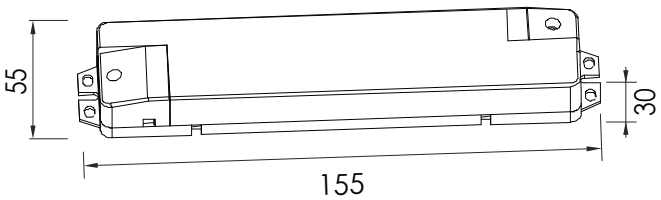
NOTE: Product specifications subject to change without prior notice due to ongoing product improvement policy and changes to industry standards.

Dimensions

Recessed disc



Controller



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	25.2	28.9	30.9	32.1
C90 - D80	11.5	13.2	14.8	16.5	22.0	25.2	28.9	30.9	32.1

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