

# PROTECTA X SFL

Ex eb LED Linear

The **Protecta X** is now available with Sealed For Life (SFL) option to further enhance the user benefits. By utilising Hawke's RCG cable gland, these two revolutionary products combine to offer features and benefits like no other lighting product.

**Protecta X SFL** takes OpEx benefits to a new level. This option allows field cables to be prepared in advance of luminaire installation, eliminating the need for historically difficult wiring installation on-site. Plug'n'Play design allows for a flexible approach to area lighting whilst minimising installation time.

SFL construction also restricts access to the luminaire housing removing requirements for elements of the Ex-inspection. Together with our innovative hot-swappable battery technology Protecta X SFL offers market leading cost savings for installation and maintenance teams.



## Mounting Options

Ceiling. Wall. Suspended. Pole. Handrail

## Standard Specification

Protecta X Ex eb LED Linear

Type of Protection	Ex db eb (Flameproof, Increased Safety) Ex tb (Dust Protected Enclosure)
ATEX Classification	Group II Category 2 GD
Area Classification	Zone 1 and Zone 2 areas to EN/IEC 60079-10-1 Zone 21 and Zone 22 areas to EN/IEC 60079-10-2
Certificate	EU Type Examination Certificate CML18ATEX3358X IECEX Certificate of Conformity IECEX CML 18.0167X UK Type Examination Certificate CML 21UKEX1506X
Coding	Ex db eb IIC T5 Gb Ex tb IIIC T85°C Db IP6X
Enclosure	Marine grade aluminium body with polycarbonate diffuser. Driver enclosure with epoxy powder finish (RAL 9005)
Geartray	Aluminium
Installation	2 x M8 mounting points located on the rear of the body
Cable Entry & Termination	2 off RCG entries, 4 pin type, brass nickel plated, with end caps & M20 brass nickel plated certified blanking plugs in all unused entries
Control Gear	Electronic Driver
Optical Distribution	Wide beam
Colour Temperature (CCT)	5000K (Cool White)
Colour Rendering Index (Ra)	>80 (Other colour temperatures may vary)
LED Lifetime @ 60°C Ambient	L70 > 200,000hrs
System Life @ Ambient	120,000hrs @ 25°C; 90,000hrs @ 60°C [excluding battery]
Battery	Hot-Swappable 6V 4Ah Nickel Metal Hydride (NiMH) battery stick - externally accessed [/EM version only]
Emergency Duration	90 mins (02L = 50% output; 05L = 25% output, 07L = 20% output) [ASL Asymmetric versions - 3hours only]
Impact Protection	IK10
Ingress Protection	IP66/67 to EN 60529
Surge Protection	4kV
Electrical Supply	110-277V AC, 50/60Hz 127-250V DC

## Features

- Highly **Energy Efficient** >135lm/W
- Battery management** and automatic self test
- Multiple beam** distributions available
- >90,000 maintenance free hours** at 60°C
- Externally accessible battery stick** for ease of maintenance
- Pre-terminated RCGs for plug and play installation**

Std. Cat No.	Delivered Output	Power Consumption	Tclass	T°C (Dust)	Ambient °C	Weight
<b>PRXB/02L/LE/SFLL</b>	2696 lm	16W	T5	85	-40 to +60	7.6kg
<b>PRXB/05L/LE/SFLL</b>	5230 lm	35W	T5	85	-40 to +60	9.6kg
<b>PRXB/07L/LE/SFLL</b>	7474 lm	51W	T5	85	-40 to +55	9.8kg
<b>PRXB/02L/LE/EM/SFLL</b>	2696 lm	19W	T5	85	-25 to +60	8.1kg
<b>PRXB/05L/LE/EM/SFLL</b>	5230 lm	38W	T5	85	-25 to +60	10.1kg
<b>PRXB/07L/LE/EM/SFLL</b>	7474 lm	53W	T5	85	-25 to +55	10.3kg

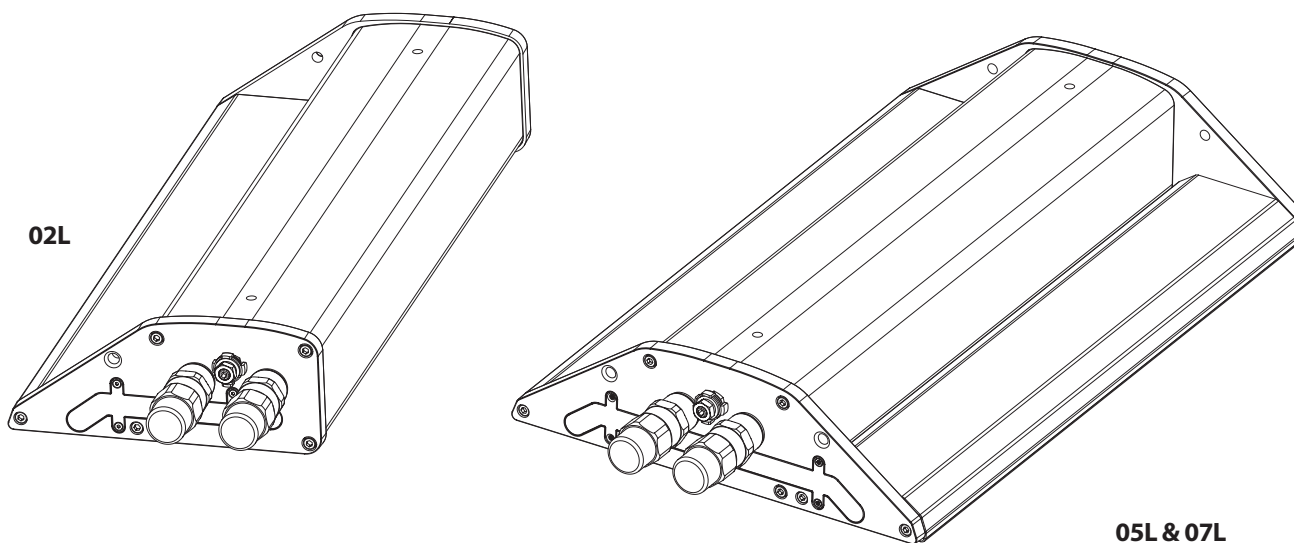
(/SFLL = Sealed for Life - Looping one end)

Options - Suffix to Catalogue No.	
<b>/3H</b>	3 hour battery duration (02L = 25% output; 05L = 12.5% output) [Standard on ASL versions]
<b>/4K</b>	4000K (Neutral White) LED Strips
<b>/BNI</b>	Batteries not included [Emergency version only]
<b>/DM</b>	DALI2 Dimmable driver. For 05L and 07L Non Emergency Only (6 Pin RCG's)
<b>/ASL</b>	Asymmetric along length optic
<b>/US</b>	For use with un-switched (always on) electrical supply (Emergency only)
<b>/SFLT</b>	Sealed for life through wiring (replace /SFLL suffix on partcode)

## Accessories order separately

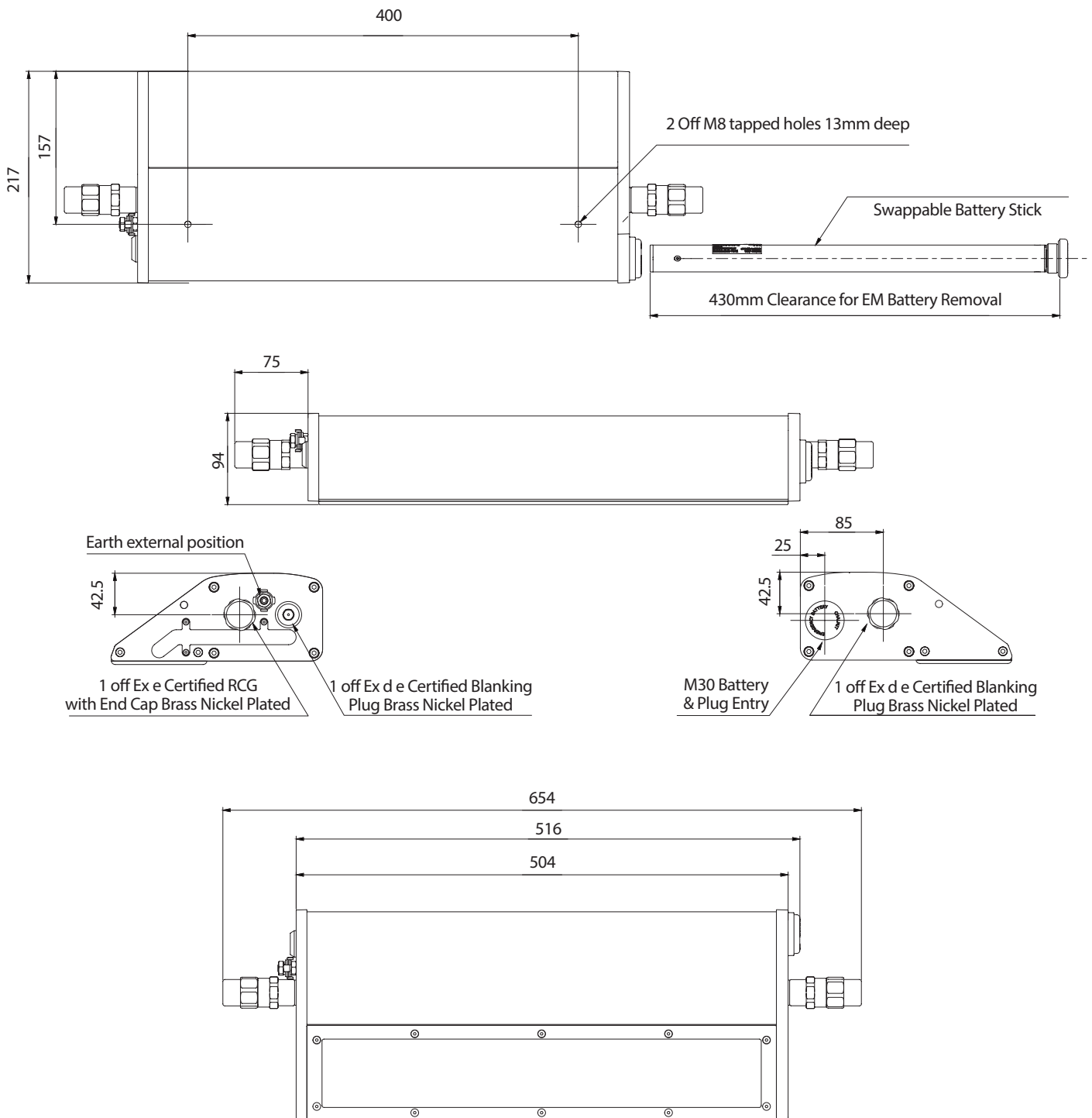
	Order Code
Hot Swappable Battery assembly	<b>SPRXB-000002</b>
Pole mounting bracket assembly (38-42mm diameter poles)	<b>SPOL4-100001</b>
Pole mounting bracket assembly (48-52mm diameter poles)	<b>SPOL4-100002</b>
Pole mounting bracket assembly (58-62mm diameter poles)	<b>SPOL4-100003</b>
Hook type ceiling bracket assembly	<b>SPRO4-0005</b>
Flush mounted wall bracket assembly	<b>SPRO4-0006</b>
Ceiling bracket assembly	<b>SPRO4-0002</b>
Standard wall mounting outreach bracket (use with SPOL4-100001)	<b>NPRO4-0008</b>
Eyebolt mounting assembly*	<b>SPRO5-0005</b>
Protecta 4ft adaptor bracket	<b>SPRO5-0006</b>

\*Only available for the 05L and 07L option.



# Dimensioned Drawings

## PRXB/02L/LE/EM/SFLT



# Dimensioned Drawings

## PRXB/05L/LE/SFLL & PRXB/07L/LE/SFLL

