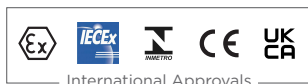


# PROTECTA X SFL

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.



International Approvals

## Mounting Options

Ceiling. Wall. Suspended. Pole. Handrail

## Standard Specification

Protecta X Ex eb LED Linear

<b>Type of Protection</b>	Ex db eb (Flameproof, Increased Safety) Ex tb (Dust Protected Enclosure)
<b>ATEX Classification</b>	Group II Category 2 GD
<b>Area Classification</b>	Zone 1 and Zone 2 areas to EN/IEC 60079-10-1 Zone 21 and Zone 22 areas to EN/IEC 60079-10-2
<b>Certificate</b>	EU Type Examination Certificate CML18ATEX3358X IECEX Certificate of Conformity IECEX CML 18.0167X UK Type Examination Certificate CML 21UKEX1506X
<b>Coding</b>	Ex db eb IIC T5 Gb Ex tb IIIC T85°C Db IP6X
<b>Enclosure</b>	Marine grade aluminium body with polycarbonate diffuser. Driver enclosure with epoxy powder finish (RAL 9005)
<b>Geartray</b>	Aluminium
<b>Installation</b>	2 x M8 mounting points located on the rear of the body
<b>Cable Entry &amp; Termination</b>	2 off RCG entries, 4 pin type, brass nickel plated, with end caps & M20 brass nickel plated certified blanking plugs in all unused entries
<b>Control Gear</b>	Electronic Driver
<b>Optical Distribution</b>	Wide beam
<b>Colour Temperature (CCT)</b>	5000K (Cool White)
<b>Colour Rendering Index (Ra)</b>	>80 (Other colour temperatures may vary)
<b>LED Lifetime @ 60°C Ambient</b>	L70 > 200,000hrs
<b>System Life @ Ambient</b>	120,000hrs @ 25°C; 90,000hrs @ 60°C [excluding battery]
<b>Battery</b>	Hot-Swappable 6V 4Ah Nickel Metal Hydride (NiMH) battery stick - externally accessed [/EM version only]
<b>Emergency Duration</b>	90 mins (O2L = 50% output; O5L = 25% output, O7L = 20% output) [ASL Asymmetric versions - 3hours only]
<b>Impact Protection</b>	IK10
<b>Ingress Protection</b>	IP66/67 to EN 60529
<b>Surge Protection</b>	4kV
<b>Electrical Supply</b>	110-277V AC, 50/60Hz 127-250V DC

## Features

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

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

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

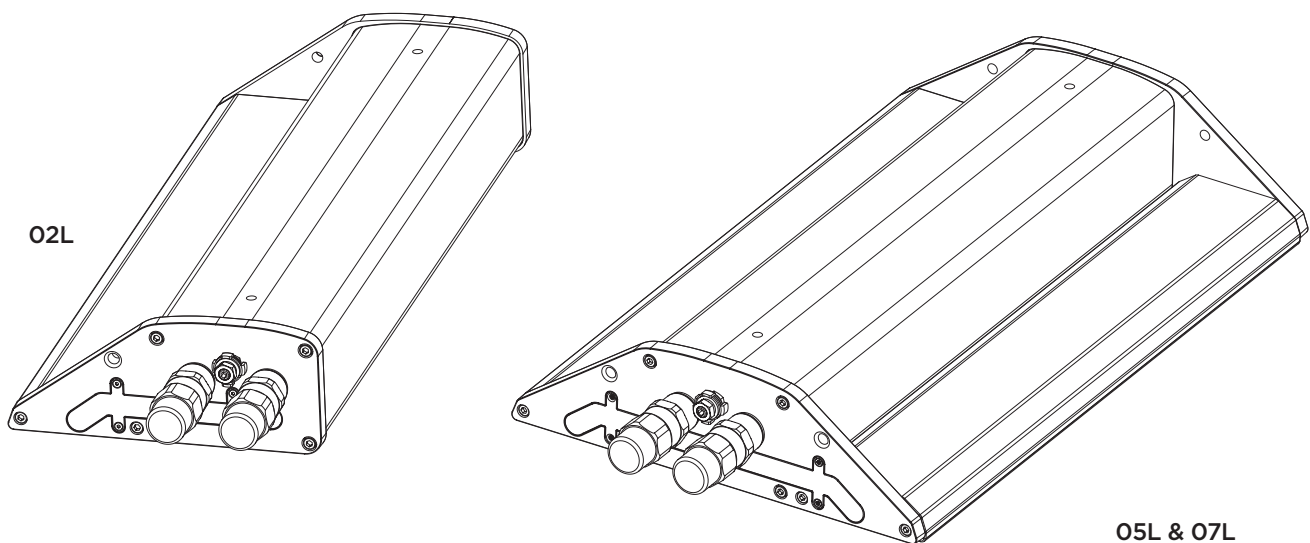
### Options - Suffix to Catalogue No.

/3H	3 hour battery duration (02L = 25% output; 05L = 12.5% output) [Standard on ASL versions]
/4K	4000K (Neutral White) LED Strips
/BNI	Batteries not included [Emergency version only]
/DM	DALI2 Dimmable driver. For 05L and 07L Non Emergency Only (6 Pin RCG's)
/ASL	Asymmetric along length optic
/US	For use with un-switched (always on) electrical supply (Emergency only)
/OD	Opal diffuser (max. 30% reduction in output)
/SFLT	Sealed for life through wiring (replace /SFLL suffix on partcode)

### Accessories *order separately*

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

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



A Hubbell brand