PROTECTA X
LED Linear

The next generation in LED linear luminaires, the Protecta X's revolutionary design puts LED at the centre to provide the performance of a 4ft linear in a lightweight and slimline package. Offering a robust enclosure, excellent IP and a variety of features to make installation and maintenance effortless, the Protecta X is ideal for industrial environments. Expected useful life to 70% of the initial lumens (L70) is >200,000 hours at 25℃, with an incredible 90,000 maintenance free hours at 60℃. For a luminaire with the longest life, the highest output and market-leading efficacy, choose the **Protecta X**.

Mounting Options
Ceiling. Wall. Suspended. Pole. Handrail.

MADE IN BRITAIN

CE
International Approvals

Standard Specification

Protecta X LED Linear

Enclosure	Marine grade aluminium body with polycarbonate diffuser. Driver enclosure with epoxy powder finish (RAL 9005)
Geartray	Aluminium
Entry	4 x M20 cable entries - 2 at each end [3 cable entries on Emergency with battery stick]
Termination	3 core 4mm² max conductor [4 core on Emergency] with looping one end and 16A rating through wiring
Installation	2 x M8 mounting points located on the rear of the body
Control Gear	Electronic Driver
Optical Distribution	Wide beam
Colour Temperature (CCT)	5000K (Cool White)
Colour Rendering Index (Ra)	>70
Maintenance	Front access panel with Torx screws
LED Lifetime @ 60℃ Ambient	L70 > 200,000hrs
System Life @ Ambient	120,000hrs @ 25℃; 90,000hrs @ 60℃ [excluding battery]
Battery	Hot-Swappable Ni-MH (6V) battery stick - externally accessed [/EM version only]
Emergency Duration	90 mins (25% output)
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

◈ **Screwless** mains terminals

◈ **Multiple beam** distributions available

◈ **Front access cover** for easy termination

◈ **>90,000 maintenance free hours** at 60℃

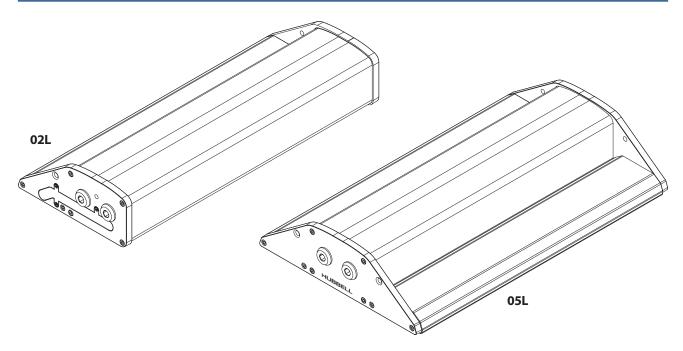◈ **Externally accessible battery stick** for ease of maintenance

Std. Cat No.	Delivered Output	Power Consumption	Ambient °C	Weight
PRXI/02L/LE	2200 lm	16W	-40 to +60	6.8kg
PRXI/05L/LE	5200 lm	36W	-40 to +60	8.8kg
PRXI/02L/LE/EM	2200 lm	18.5W	-25 to +60	7.3kg
PRXI/05L/LE/EM	5200 lm	38.5W	-25 to +60	9.3kg

Options - Suffix to Catalogue No.

/M25	M25 cable entries	/3H	3 hour battery duration (12.5% output)
/LBE	Looping both sides [Non Emergency only]	/4K	4000K (Neutral White) LED Strips
/EL	Extra live termination facility (to match emergency circuit)	/SC	Screwed connection terminal block (up to 6mm² conductors)
/EMI	Internal battery pack [replace /EM with /EMI]	/BNI	Batteries not included [Emergency version only]
/NST	Non Self Test [Emergency version only]	/DM	DALI Dimmable driver
/ASL	Asymmetric along length optic	/M	Medium beam optic
/ASW	Asymmetric along width optic [05L version only]	/BP	Nickel plated brass plugs

Accessories *order separately*

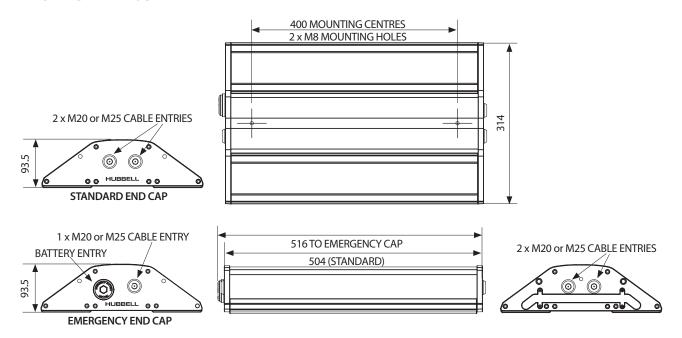|	Order Code
Pole mounting bracket assembly (38-42mm diameter poles)	SPOL4-100001
Pole mounting bracket assembly (48-52mm diameter poles)	SPOL4-100002
Pole mounting bracket assembly (58-62mm diameter poles)	SPOL4-100003
Hook type ceiling bracket assembly	SPRO4-0005
Flush mounted wall bracket assembly	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

02L

05L

Chalmit®

HUBBELL
Harsh & Hazardous

Dimensioned Drawings

PROTECTA X - 05L

400 MOUNTING CENTRES
2 x M8 MOUNTING HOLES

314

2 x M20 or M25 CABLE ENTRIES

93.5

STANDARD END CAP

1 x M20 or M25 CABLE ENTRY

BATTERY ENTRY

93.5

EMERGENCY END CAP

516 TO EMERGENCY CAP

504 (STANDARD)

2 x M20 or M25 CABLE ENTRIES

PROTECTA X - 02L

400 MOUNTING CENTRES
2 x M8 MOUNTING HOLES

217

2 x M20 or M25 CABLE ENTRIES

STANDARD END CAP

2 x M20 or M25 CABLE ENTRIES

93.5

516 TO EMERGENCY CAP

504

1 x M20 or M25 CABLE ENTRY

EMERGENCY END CAP

Chalmit ®

HUBBELL
Harsh & Hazardous