

PROTECTA



The Industrial **Protecta** LED linear delivers to the Industry unparalleled performance and photometry bringing forward all the recognised benefits of the Protecta range; a proven robust enclosure, excellent IP and low maintenance features which are key to heavy industrial and marine environments.

Expected useful life to 70% of the initial lumens (L70) is a market leading 80,000 hours at 25°C and with fully replaceable LED strips and driver we deliver a unique product with effective long term maintenance capability.

The complete geartray assembly which includes the LEDs and driver can be retro-fitted into existing Industrial Protecta fluorescents - bringing the existing enclosure up to date with the very latest technology. The proven track record of the very robust enclosure is not compromised as the complete enclosure remains unchanged.

Mounting Options

- Pole/Stanchion
- Ceiling
- Wall
- Suspended

International Approvals

CE

Standard Specification

Protecta LED Linear

Enclosure	GRP body with polycarbonate cover
Geartray	Aluminium
Entry	4 x M20 cable entries - 2 at each end
Termination	3 core 4mm ² max conductor with looping and 16A rating through wiring
Installation	2 x M8 moulded-in stainless steel bushes located on the rear of the body
Control Gear	Electronic Driver
Colour Temperature (CCT)	4000K (Neutral White)
Maintenance	Quick release diffuser clamp and hinged cover
Battery	Internal Ni-Cd (6V) (Emergency version only)
Emergency Duration	3 Hours (02L version = 30% output, 05L version = 15% output)
Ingress Protection	IP66/67 to EN 60529
Surge Protection	4kV
Electrical Supply	220-240V AC, 50/60Hz

Features

- ◆ **Simple rugged construction**
- ◆ **Retrofit geartray** available
- ◆ **Battery monitoring** and **automatic self test**
- ◆ **Screwless** mains terminals
- ◆ **80,000 maintenance free hours** at 25°C (L70)
- ◆ **DTS-01** deluge tested
- ◆ Highly **Energy Efficient**

LED SOLUTIONS

For Harsh & Hazardous Locations



Product design and specifications are subject to change without notice. Please check the Chalmers website for latest specifications. www.chalmit.com



MADE IN BRITAIN

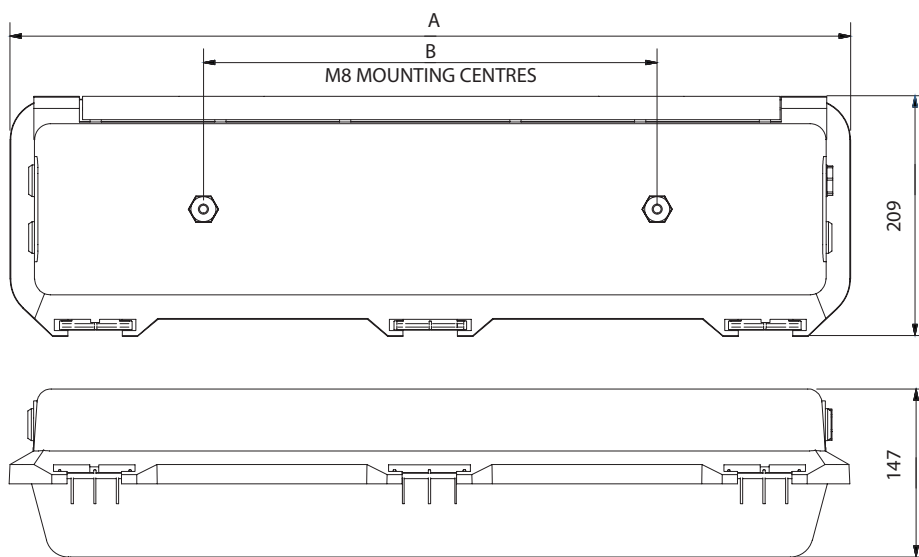
Std. Cat No.	Delivered Output	Power Consumption	Ambient °C	Weight
PRGI/02L/LE	1875 lm	20W	-25 to +45	6.3kg
PRGI/05L/LE	4499 lm	42W	-25 to +45	9.8kg
PRGI/02L/LE/EM	1875 lm	24W	-25 to +45	6.5kg
PRGI/05L/LE/EM	4499 lm	47W	-25 to +45	10.0kg

Note: Installed Industrial Protecta fluorescents can be upgraded to LED by ordering a Retrofit Geartray PRRI. Substitute PRRI for PRGI in the above partcodes.

Options - Suffix to Catalogue No.			
/M25	M25 cable entries	/I20	Specific voltage (90-305V)
/LBE	Looping both sides	/DM	Digital Dimming (DALI)
/EL	Extra live termination facility (to match emergency circuit)	/SC	Screwed connection terminal block (up to 6mm ² conductors)
/OD	Opaque polycarbonate diffuser	/3K	3000K (Warm White) LED Strips

Accessories *Accessories should be ordered separately*

	Order Code
Pole mounting bracket assembly (38/42 diameter poles)	SPOL4-100001
Pole mounting bracket assembly (48/52 diameter poles)	SPOL4-100002
Pole mounting bracket assembly (58/62 diameter poles)	SPOL4-100003
Hook type ceiling bracket assembly	SPRO4-0005
Flush mounted wall bracket assembly	SPRO4-0006
Ceiling bracket assembly	SPRO4-0002
Wall mounting outreach bracket	NPRO4-0007
Standard 2ft wall mounting outreach bracket (use with SPOL4-100001)	NPRO4-0008
Standard 4ft wall mounting outreach bracket (use with SPOL4-100001)	NPRO4-0012
Eyebolt mounting assembly	SPRO5-0005



DIM	02L	05L
DIM A	742	1352
DIM B	400	700

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