

The Protecta Industrial has now been redesigned to accept LEDs, bringing forward benefits such as the extended life and low maintenance features.

Expected useful life to 70% of the initial lumens is 80,000 hours, but even when this is achieved the geartray which the LEDs are mounted on can be replaced, similar to a traditional lamp change. The LEDs are more powerful in lumens per watt figures than all fluorescent tubes, proving that LED technology is now truly a viable alternative.

One of the main benefits of LEDs is their ability to maintain a steady lumen output across the complete ambient temperature range and at low temperatures they greatly out perform fluorescent lamps.

The complete geartray assembly which includes the LEDs and driver can be retro-fitted into existing Protecta Industrial fluorescent product - 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.



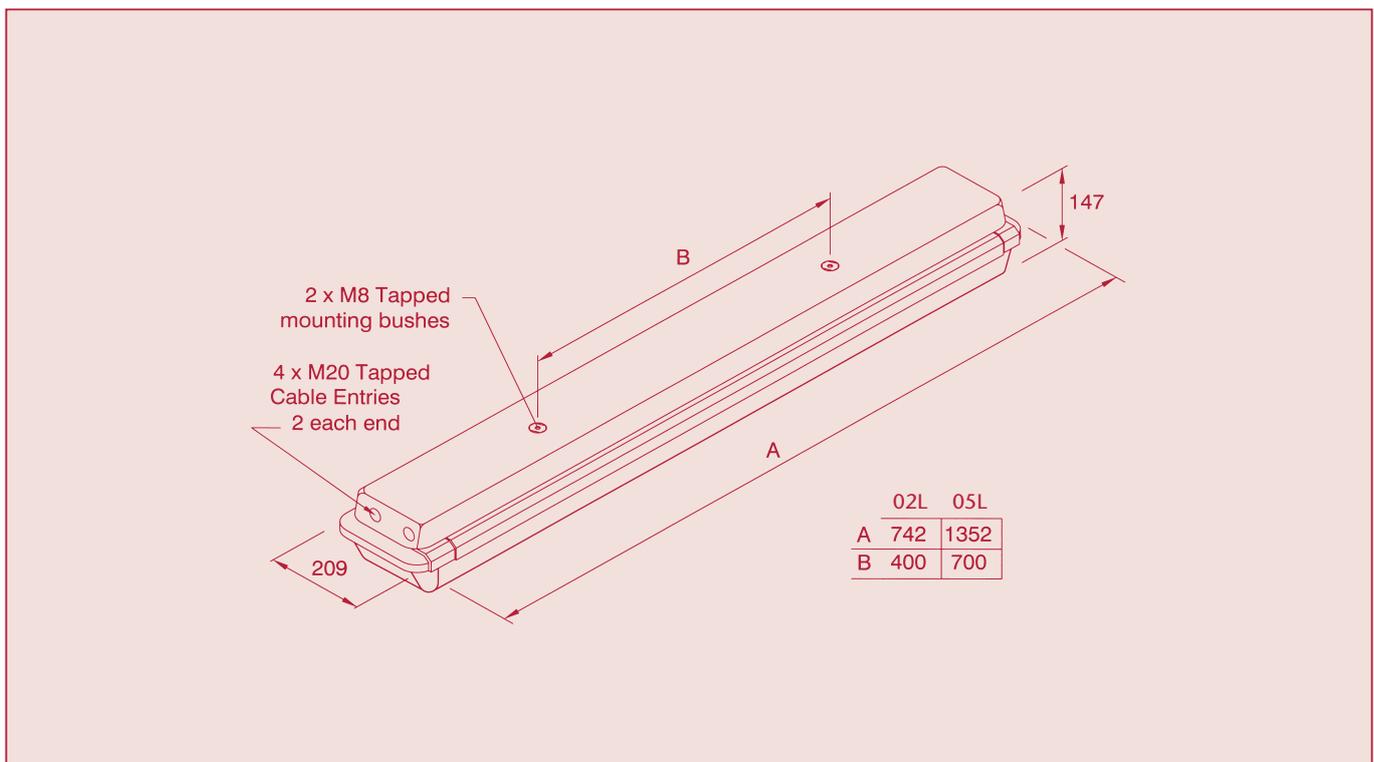
Standard Specification		Features
Enclosure	GRP body with polycarbonate cover	Simple rugged construction
Reflector/Geartray	Aluminium	Long life LEDs
Entry	4 x M20 cable entries - 2 at each end	Retrofit geartray available Contact Sales for further information
Termination	3 core 4mm ² max. conductor with looping and 16A rating through wiring (6mm ² terminations available - /SC option)	Full length easy access diffuser clamp
Installation	Two M8 tapped inserts located on the rear of the body	Hinged cover
Control Gear	Electronic Driver	Standard fixing centres
Relamping	Quick release diffuser clamp and hinged cover	Screwless mains terminals
Light Source	Light Emitting Diode (LED) strips	DTS-01 deluge tested
Ingress Protection	IP66/67 to EN 60529	LED Colour Temperature 4000K (CCT)
Electrical Supply	220-254V, 50/60Hz	
Battery	Internal Ni-Cd (6V) (Emergency version only)	
Duration	3 Hours (Emergency version only)	

INDUSTRIAL and MARINE APPLICATIONS

Std. Cat No.	Power Consumption	Delivered Output	Ambient °C	Weight
PRGI/02L/LE	30W	2000 lm	-25 to +55	5.9kg
PRGI/05L/LE	60W	5000 lm	-25 to +55	11.5kg
PRGI/02L/LE/EM	30W	2000 lm	-25 to +55	8.9kg
PRGI/05L/LE/EM	60W	5000 lm	-25 to +55	13.0kg

Options - Suffix to Catalogue No.

/M25	M25 entries	/LT	Low temperature to -40°C
/LBE	Looping both sides	/SC	Screwed connection terminal block (up to 6mm ² conductors)
/EL	Extra live termination facility (to match emergency circuit)	/SB	Stainless steel mounting bush



Accessories Should be ordered separately

Catalogue 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 (18W/36W spigot entry /SE versions)	NPRO4-0007
Standard 18W wall mounting outreach bracket (use with SPRO4-0003)	NPRO4-0008
Standard 36W wall mounting outreach bracket (use with SPRO4-0003)	NPRO4-0012
Eyebolt mounting assembly	SPRO5-0005
Looping Kit (Allows looping from both ends of luminaire)	SPROT-0021

Product design and specifications are subject to change without notice, please check the Chalmit® website for latest specifications.