



The Protecta III is a proven and reliable T8 fluorescent luminaire. It's rugged, corrosion resistant construction (IP66/IP67) combined with an advanced high frequency ballast ensure minimum product maintenance is required.

When access is required the Protecta III features an easy access clamp bar and automatic lamp de-energisation to allow quick and easy re-lamping.

Mounting Options

- Ceiling
- Wall
- Suspended
- Pole



Standard Specification

Protecta Ex e Fluorescent

Type of Protection	Ex e mb q (Increased Safety, Encapsulation, Powder filling)
ATEX Classification	Group II Category 2 GD
Area Classification	Zone 1 and Zone 21 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14
Certificate	EC Type Examination Certificate Baseefa04ATEX0220 IECEx Certificate of Conformity IECEx BAS09.0017
Coding	Ex e mb q IIC T4 Gb Ex tb IIIC T85°C Db IP66/67
Enclosure	GRP body with polycarbonate cover
Geartray	White polyester painted zinc coated steel
Entry	4 x M20 cable entries - 2 at each end
Termination	3 core 4mm ² max conductor with looping and 16A rating through wiring (6mm ² terminations available - / SC option)
Installation	2 x M8 tapped Stainless steel moulded inserts located on rear of body
Control Gear	High frequency
Maintenance	Quick release diffuser clamp and hinged cover
Ingress Protection	IP66/67 to EN 60529
Surge Protection	6kV
Electrical Supply	220-254V AC, 50/60Hz 220-300V dc

Features

- ◆ Full length **easy access** diffuser clamp
- ◆ **Automatic de-energisation** on opening
- ◆ **Resistant** to voltage fluctuations
- ◆ **DTS-01** deluge tested
- ◆ Advanced control gear gives **50/60Hz Operation**, **High Power Correction Factor** and **Regulated Lamp Output** that is 20% greater at -20°C than competitors
- ◆ **IK10** Impact Protection



LIGHTING SOLUTIONS

For Harsh & Hazardous Locations

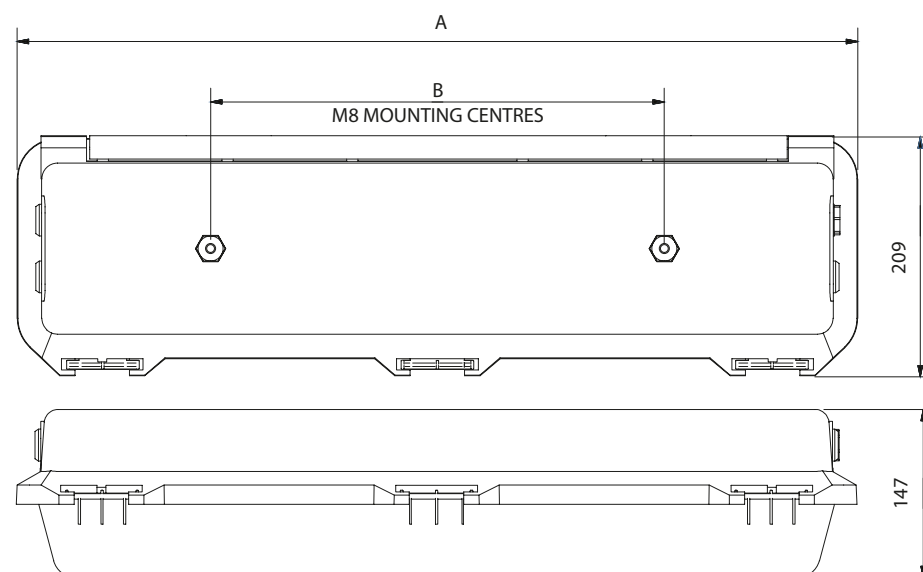


Std. Cat No.	Lamp	Lamp Holder	LOR %	TClass	T°C (Dust)	Ambient °C	Weight
PRGE/218/BI	2x 18W	T8	75	T4	85	-20 to +55	5.9kg
PRGE/236/BI	2x 36W	T8	75	T4	85	-20 to +55	9.5kg

Options - Suffix to Catalogue No.			
/M25	M25 cable entries	/SE	Spigot entry
/LBE	Looping both sides	/SC	Screwed connection terminal block (up to 6mm ² conductors)
/EL	Extra live termination facility (to match emergency circuit)	/3P	3 phase termination facility (not available if looping required)
/120	Specific voltage (110-130V)		

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
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

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



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BRITAIN



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SOLUTIONS**
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Harsh & Hazardous

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