PROTECTA III

EX e GRP LINEAR

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**

International Approvals

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	2x M8 tapped brass 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

Chalmit®

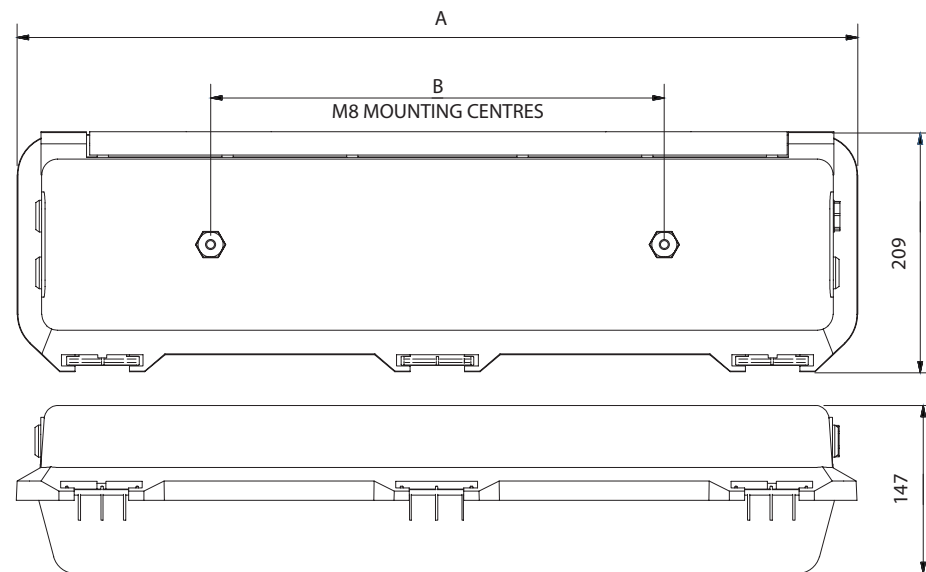# LIGHTING
SOLUTIONS
For Harsh & Hazardous Locations

HSI=GREEN℠
HUBBELL SUSTAINABILITY INITIATIVE

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HUBBELL
Harsh & Hazardous

ZONE **1** ZONE **21**

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.

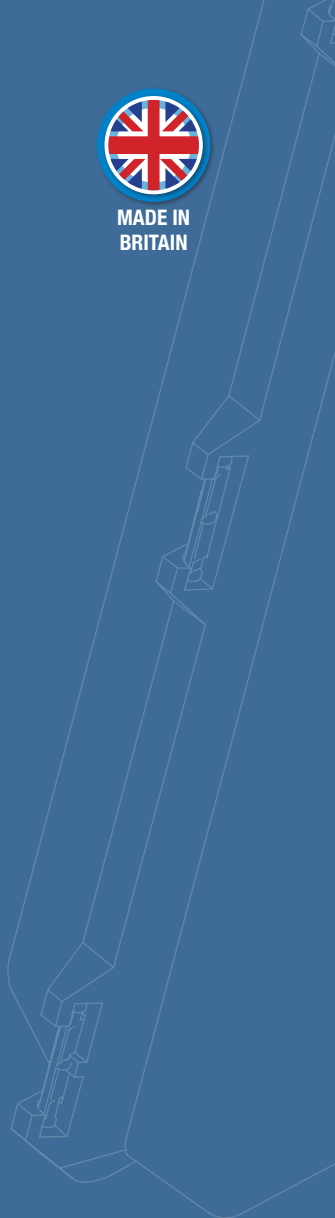|			
/M25	M25 cable entries	**/SE**	Spigot entry
/LBE	Looping both sides	**/SC**	Screwed connection terminal block (up to 6mm² conductors)
/EL	Extra live termination facility (to match emergency circuit)	**/3P**	3 phase termination facility (not available if looping requried)
/120	Specific voltage (110-130V)	**/SB**	Stainless steel mounting bush

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**
Looping kit (allows looping from both ends of luminaire)	**SPROT-0021**

MADE IN BRITAIN

A
B
M8 MOUNTING CENTRES

209

147

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

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