

ZONE 1 ZONE 21

PROTECTA III E

EX e GRP LINEAR



Utilising the same reliable design of the standard Protecta III, the emergency version also features intelligent battery and lamp management technology. The luminaire is capable of self commissioning and routine self-testing to ensure safe and dependable emergency operation.

A high emergency output version is also available that increases the lumen output in emergency mode.

Mounting Options

- Ceiling
- Wall
- Suspended
- Pole

International Approvals



Standard Specification

Protecta Ex e Linear

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	4 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
Battery	Internal Ni-Cd (6V)
Emergency Duration	90 mins (18W = 50% of one lamp, 36W = 25% of one lamp)
Ingress Protection	IP66/67 to EN 60529
Surge Protection	6kV
Electrical Supply	220-254V AC, 50/60Hz

Features

- ◆ Full length **easy access** diffuser clamp
- ◆ Battery **management, monitoring** and automatic **self test**
- ◆ **Emergency inhibition** and mains power off re-start
- ◆ **Automatic de-energisation** on opening
- ◆ **DTS-01** deluge tested
- ◆ Ability to **detect and indicate** impending end of emergency lamp life before actual failure
- ◆ **IK10** Impact Protection

Chalmit®

LIGHTING SOLUTIONS

For Harsh & Hazardous Locations



www.chalmit.com



Harsh & Hazardous

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



MADE IN BRITAIN

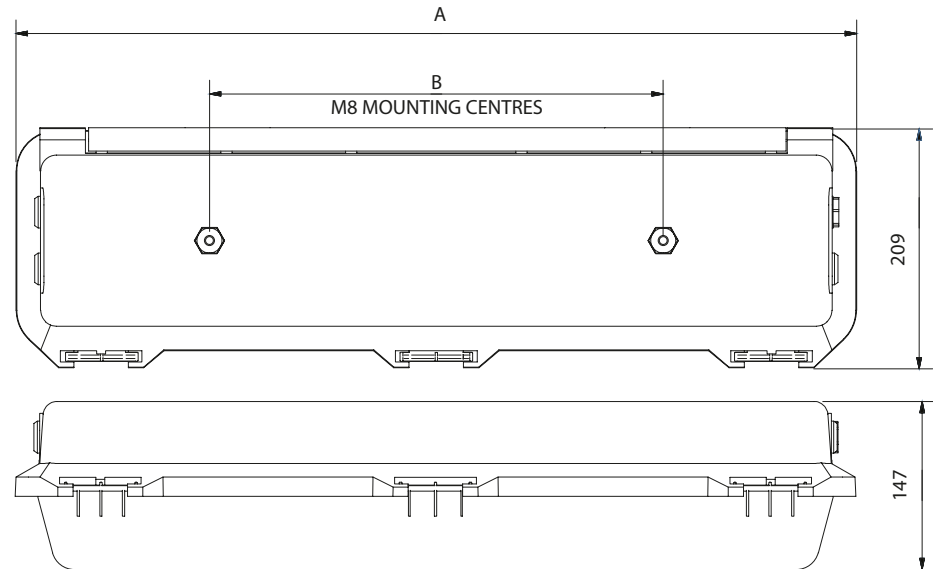
Std. Cat No.	Lamp	Lamp Type	Lamp Holder	LOR %	TClass	T°C (Dust)	Ambient °C	Weight
PRGE/218/BI/EM	2x18W	T8 fluorescent	T8	75	T4	85	-20 to +55	7.4kg
PRGE/236/BI/EM	2x36W	T8 fluorescent	T8	75	T4	85	-20 to +55	10.9kg

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)
/HEO	High emergency output - 45% of one lamp (36W only)	/3P	3 phase termination facility (not available if looping required)
/120	Specific voltage (110-130V)		
/3H	3 hour battery duration*	/RI	Remote emergency inhibition facility (External switch ordered separately)

* 18W = 30% of one lamp, 36W = 25% of one lamp

Accessories Accessories should be ordered 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 18W wall mounting outreach bracket (use with SPOL4-100001)	NPRO4-0008
Standard 36W wall mounting outreach bracket (use with SPOL4-100001)	NPRO4-0012
Eyebolt mounting assembly	SPRO5-0005
Remote Ex switch for emergency inhibition (1 switch controls up to 10 luminaires)	Contact internal sales



DIM	18W	36W
DIM A	742	1352
DIM B	400	700

Chalmit PO BOX 5575 Glasgow G52 9AP
 Tel: +44(0) 141 882 5555 Fax: +44(0) 141 883 3704 Email: info@chalmit.com
www.chalmit.com

Chalmit
LIGHTING SOLUTIONS
 For Harsh & Hazardous Locations



Harsh & Hazardous