PROTECTA E

EMERGENCY FLUORESCENT

INDUSTRIAL

The Protecta E is a robust fluorescent with high IP rating designed for use in the most arduous environments.

It is constructed from a GRP body and quick-release GRP clamp bar which secures the hinged clear polycarbonate diffuser. All of the control gear is mounted onto the reflector/gear-tray which is fitted to the body. Ease of access to the lamps ensures that installation and maintenance times are kept to a minimum.

The Protecta E comes complete with integral 3-hour Ni-Cad battery backup. The incoming mains supply to the luminaire has the facility to have 2 live supplies: continuous live (Lc) which supplied constant power to the battery and switched live (Ls) which is for external switching, allowing the luminaire to be locally switched off without the emergency battery pack unintentionally operating the lamps. If external switching is not required Lc and Ls are made common at the mains terminal block.

ATEX Categories 2 & 3 (Zones 1 & 2) hazardous area versions are available which are commonly used on FPSO's and FSO's. (Refer to Chalmit hazardous area catalogue).

Standard Specification

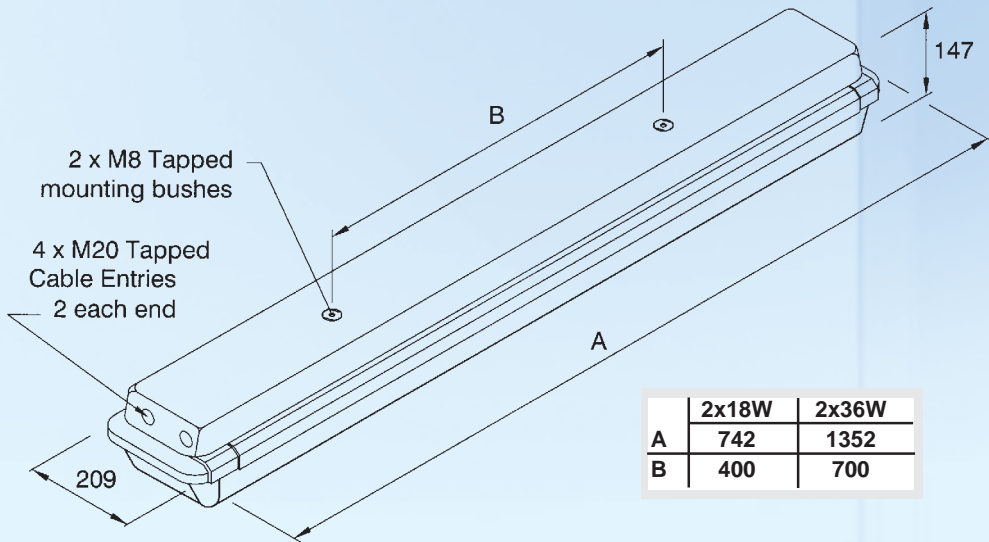|	
Ingress Protection:	IP66/67 to EN60529
Enclosure:	GRP body with clear polycarbonate diffuser and brass suspension points
Entries:	4 x M20 cable entries (2 each end)
Termination:	4 core 6mm^2 max conductors with looping and through wiring
Reflector/Gear-tray	White polyester painted zinc coated steel
Mounting:	Two M8 brass inserts on rear of body
Control Gear:	High frequency ballast & invertor c/w battery pack
Relamping:	Via quick-release diffuser clamp and hinged diffuser
Electrical Supply:	220-240V 50/60Hz

Std. Cat No.	Wattage	Lamp type	Lampholder	Weight
PRGI/118/BI/EM	1 x 18W	T8 Fluorescent	G13	8.1kg
PRGI/218/BI/EM	2 x 18W	T8 Fluorescent	G13	8.3kg
PRGI/136/BI/EM	1 x 36W	T8 Fluorescent	G13	12.2kg
PRGI/236/BI/EM	2 x 36W	T8 Fluorescent	G13	12.4kg

Options - Suffix to Catalogue No.

/NM	Non-maintained (single lamp models only)
/MF	Mains fuse
/3P	3 phase termination facility (not available if through wiring is required)
/M25	M25 Cable Entry
/SB	Stainless Steel mounting bush

2 x M8 Tapped mounting bushes

4 x M20 Tapped Cable Entries 2 each end

147

209

B

A

	2x18W	2x36W
A	742	1352
B	400	700

Accessories (Should be ordered separately)

	Catalogue Order Code
Offset ceiling bracket assembly	SPRO4-0002
Pole mounting bracket assembly (38/50 diameter poles)	SPRO4-0003
C' form hook type ceiling bracket assembly	SPRO4-0005
Flush mounted wall bracket assembly	SPRO4-0006
18W wall mounting outreach bracket (use with SPRO4-0003)	NPRO4-0008
36W wall mounting outreach bracket (use with SPRO4-0003)	NPRO4-0012
Eyebolt brackets (set)	SPRO5-0005
Looping Kit (Allows looping from both ends of luminaire)	SPROT-0021

Product design and specification are subject to change without notice.
Please check website for latest specification