

FLUORESCENT LIGHTING

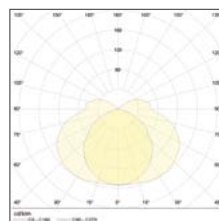
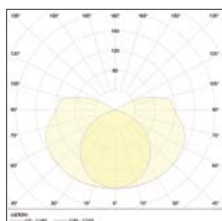
EVF-P.. Series - Zones 1, 2, 21 & 22 - End-cups in Copper-free aluminium



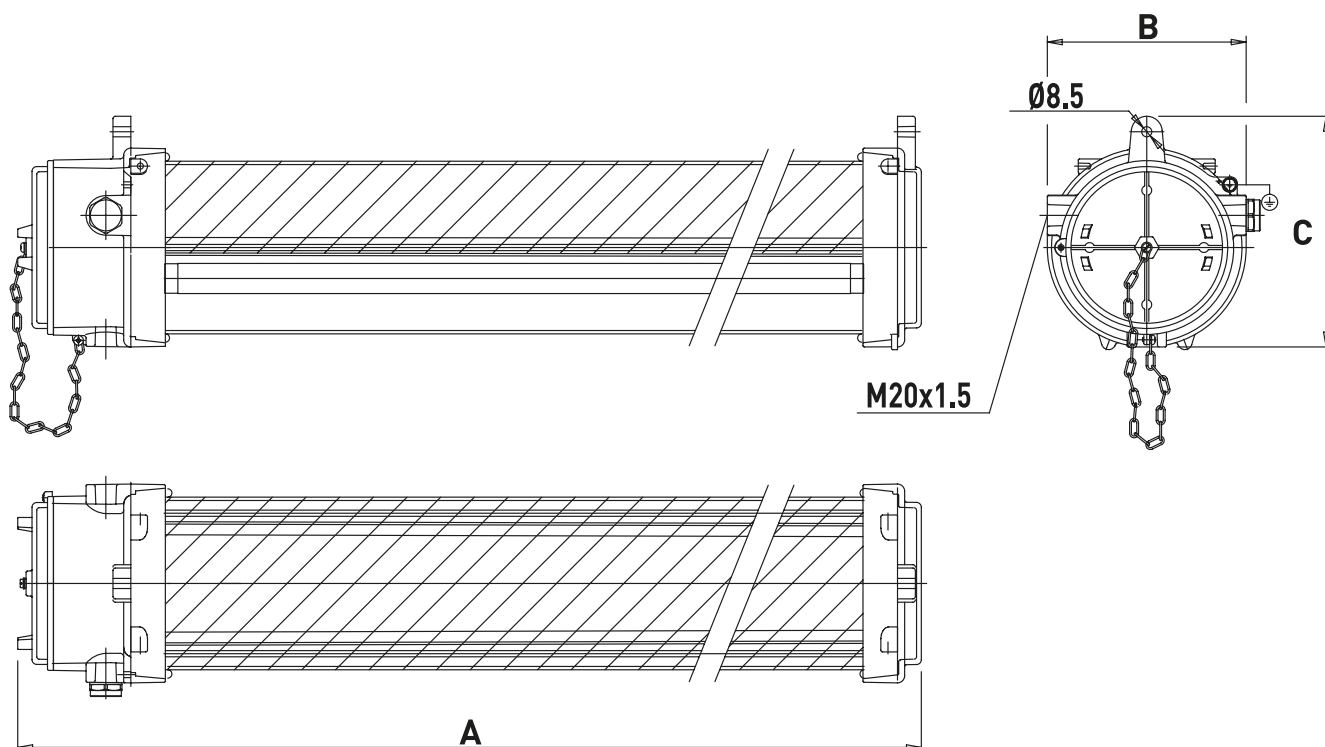
- Complete range of explosion-proof linear lighting fixtures available with single or double lamp and ideal for applications where a continuous row of lighting is needed to ensure a uniform illumination of production sites and machinery.
- Three layers-extrusion lamp housing:
 - Polycarbonate layer;
 - Top side reflecting layer which protects inner electrical and electronic apparatus from direct sun heating/radiation effect;
 - Filter layer which protects inner polycarbonate layer against UV radiation and related yellowing effect.
- Circular shape grants the best possible "CX" factor, therefore it is less affected by wind-dusts, pollution and dirty bunching.
- Possibility to apply an OFF-SHORE painting cycle suitable for marine environments.
- All lighting fixtures are supplied ready for LOOP IN-LOOP OUT facility with cable up to 4 sqmm.

TECHNICAL FEATURES

Material	End cups in aluminium with low content of copper/Light housing in polycarbonate		
IP/IK rating	IP66/IK10 according to EN 62262:2002		
Ambient temperature range	-20°C to +50°C		
Approvals	ATEX: INERIS 02ATEX0039X - IECEx : INE 15.0032X - EAC: RU C-IT.BH02.B.00616/20		
Marking	II 2 GD Ex db e IIC T4 Gb (Normal service) Ex db e mb IIC T4 Gb (Emergency service) and Ex tb IIIC T85°C Db IP66 (Normal & Emergency service)		
Gaskets	O-ring made of Nitrile Rubber (NBR)		
Surface treatment	Polyurethane painting cycle C4 - Blue RAL5014 (Other colours available upon request)		
Entries	N° 2 entries M20x1,5. One plugged-off by Ex d brass nickel chrome plated plug and relevant gasket.		
Included accessories	AISI304 Stainless steel external hardware and screws		
Lamps	EVF-P series lighting fixtures are suitable for two pins fluorescent lamps G13 socket Philips TL-D or equivalent (lamps excluded)		
Ballast	High frequency electronic ballast conforming with EN 60079 – 18 and IEC 60079 – 18		
Rated operation voltage (UE)	198-264 VDC/220-240 V - Normal service/230-240 V - Emergency service		
Frequency	50-60 Hz		
Power factor	> 0,95cos(Φ)		
Optional accessories	AISI316 Pole mounting kit/AISI316 Ceiling/Wall mounting kit/AISI316 Suspension mounting kit/3° bottom entry M20x1,5/AISI316 protection guard/Cable glands in BNK and/or AISI316		
Emergency unit:	18W:	36W:	58W:
Operating time	90' at 19% of flux	90' at 17% of flux	90' at 12% of flux
	120' at 12% of flux	120' at 10% of flux	120' at 9% of flux
		180' at 11% of flux	180' at 9% of flux
Photometric light curves	<div>1 lamp</div> <div>2 lamps</div>		



Dimensions EVF-P



EVF-P - Lighting fixtures for normal service

TYPE	CODE	POWER [W]	DIMENSIONS [mm]			WEIGHT [Kg]
			A	B	C	
EVF-P 118	A020541830006	1X18	760	167	194	7.00
EVF-P 218	A020541810002	2X18	760	167	194	7.00
EVF-P 136	A020543610001	1X36	1370	167	194	9.50
EVF-P 236	A020543610003	2X36	1370	167	194	9.50
EVF-P 158	A020545810001	1X58	1675	167	194	10.50
EVF-P 258	A020545810005	2X58	1675	167	194	10.50

EVF-P - Lighting fixtures for emergency service

TYPE PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF-P 136 LE-P-90	A020643610007	1X36	90'	1370	167	194	10.00
EVF-P 136 LE-P-120	A020643610008	1X36	120'	1370	167	194	11.00
EVF-P 136 LE-P-180	A020643610009	1X36	180'	1370	167	194	11.50
EVF-P 236 LE-P-90	A020643610011	2X36	90'	1370	167	194	10.00
EVF-P 236 LE-P-120	A020643610002	2X36	120'	1370	167	194	11.00
EVF-P 236 LE-P-180	A020643610013	2X36	180'	1370	167	194	11.50
EVF-P 158 LE-P-90	A020645810001	1X58	90'	1675	167	194	12.00
EVF-P 158 LE-P-120	A020645810002	1X58	120'	1675	167	194	13.00
EVF-P 158 LE-P-180	A020645810003	1X58	180'	1675	167	194	13.50
EVF-P 258 LE-P-90	A020645810005	2X58	90'	1675	167	194	12.00
EVF-P 258 LE-P-120	A020645810006	2X58	120'	1675	167	194	13.00
EVF-P 258 LE-P-180	A020645810007	2X58	180'	1675	167	194	13.50

EVF-P - Lighting fixtures for emergency service

TYPE NON PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF-P 118 LE-NP 90	A020641810008	1X18	90'	760	167	194	7.50
EVF-P 118 LE-NP 120	A020641810012	1X18	120'	760	167	194	7.50
EVF-P 136 LE-NP-90	A020643610010	1X36	90'	1370	167	194	10.00
EVF-P 136 LE-NP-120	A020643610019	1X36	120'	1370	167	194	11.00
EVF-P 136 LE-NP-180	A020643610016	1X36	180'	1370	167	194	11.50
EVF-P 158 LE-NP-90	A020645810004	1X58	90'	1675	167	194	12.00
EVF-P 158 LE-NP-120	A020645810012	1X58	120'	1675	167	194	13.00
EVF-P 158 LE-NP-180	A020645810010	1X58	180'	1675	167	194	13.50