LED LINEAR LIGHTING FIXTURES
EVF2-PL/FL.. Series - Copper-free aluminum - GRP

- Complete range of explosion-proof linear lighting fixtures available with single strip led and ideal for applications where a continuous row of lighting is needed to ensure a uniform illumination of production sites and machinery.
- End-cups made in copper-free aluminium or GRP.
- 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.
- All lighting fixtures are supplied ready for LOOP IN-LOOP OUT facility with cable upto 4sqmm.
- Integral electronic - Equipped with thermal guard protection to prevent overtemperature

MARKING
II 3G Ex ec IIC T4 Gc (normal service)
II 3D Ex tc IIIC T85°C Dc

TECHNICAL FEATURES

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Material	EVF2-FL = End-cups in GRP/Light housing in polycarbonate EVF2-PL = End-cups in copper-free aluminium/Light housing in polycarbonate
IP/IK rating	IP66 IK10
Ambient temperature range	-20°C to + 55°C
Approvals	FIDI 20 ATEX 0026X IECEx FIDI 20.0004X
Zones	Gas Zone: 2 Dust Zone: 22
Rated voltage	220-240 VAC (normal service)
Frequency	50-60 Hz
Colour rendering index	80 CRI
Colour temperature	4.000K others upon request
Power factor	cos φ ⩾ 0,98
Surge protection	6 kV
LED Lifetime (L70) Ta +25°C	> 60.000 h - according to IES LM-80-08
Hardware and screws	AISI316L stainless steel external hardware and screws
Coating	EVF2-FL = Unpainted for EVF in GRP version EVF2-PL = Painted by polyuretane painting: RAL5014 painting cycle C4 suitable for On-Shore The reference standard is UNI EN ISO 12944 - 1: 2018 Upon request other colours and painting cycles (only for EVF-P*TL* LED)
Entries	2x entries M20 x 1,5. Upon request: M25 entries or PNCX connector for EVF-L*TL*LED (GRP version)
Through wiring	Loop-in / Loop-out possibility
Plug	1 x plastic dustproof plug for M20 entry protection 1 x M20 polyamide/Brass nickel chrome plug c/w gasket (mounted)
Accessories upon request	AISI316L mounting kit: pole mounting, ceiling mounting, suspension mounting; Cable gland kit in brass nichel chrome or AISI316L stainless steel.

Dimensions EVF2-PL - Copper-free aluminium
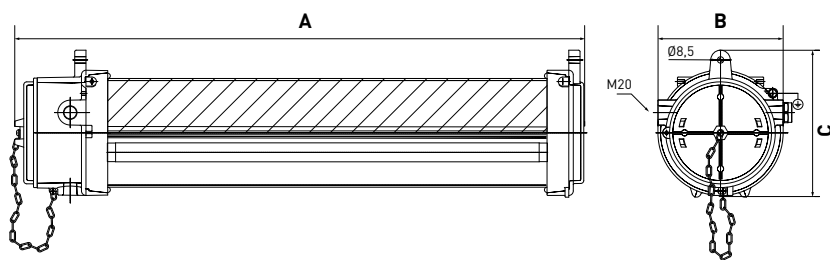
EVF2- PL.. - LED lighting fixtures for normal service - Copper-free aluminium

CODE	TYPE	TOTAL POWER [W]	LUMEN [lm]	LUM. EFF [lm/W]	DIMENSIONS [mm]			WEIGHT [Kg]
					A	B	C	
A021362630001	EVF2-PL - 129	29	3.825	132	760	167	194	6,50
A021365230001	EVF2-PL - 155	55	7.650	140	1370	167	194	8,50
A021369530001	EVF2-PL - 195	95	14.300	150	1675	167	194	9,50

Dimensions EVF2-FL - GRP
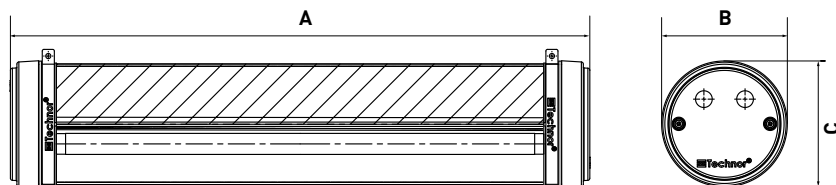

EVF2-FL.. - LED lighting fixtures for normal service - GRP

CODE	TYPE	TOTAL POWER [W]	LUMEN [lm]	LUM. EFF [lm/W]	DIMENSIONS [mm]			WEIGHT [Kg]
					A	B	C	
A021462630001	EVF2-FL - 129	29	3.825	132	745	153	166	6,50
A021465230001	EVF2-FL - 155	55	7.650	140	1.342	153	166	8,50
A021469530001	EVF2-FL - 195	95	14.300	150	1.642	153	166	9,50

Lighting accessories

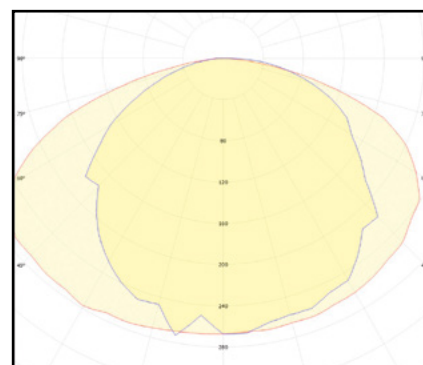| CODE	TYPE
A601102010009	1"1/2 POLE MOUNTING KIT P14 AISI316L
A601102010008	2" POLE MOUNTING KIT P14 AISI316L
A601102010005	CEILING MOUNTING KIT G3 AISI316L
A601102010012	SUSPENSION MOUNTING KIT G4 AISI316

Photometric light curves
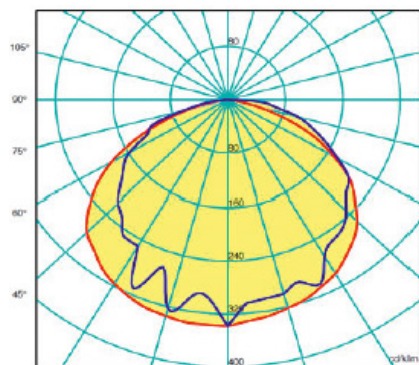
EVF2-PL/FL 129
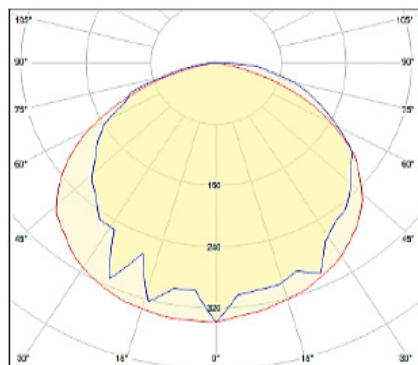
EVF2-PL/FL155

EVF2-PL/FL195

FLUORESCENT LIGHTING AVAILABLE UPON REQUEST

THORNE & DERRICK INTERNATIONAL