

LED LIGHTING

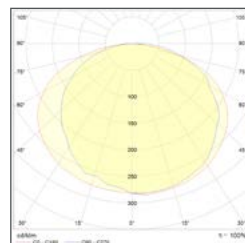
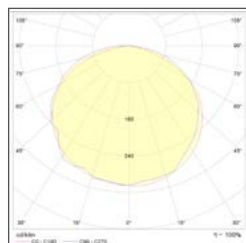
EVF-L TL LED.. Series - Zones 1, 2, 21, 22 - GRP



- 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.
- Threelayers-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-SHOREpainting cycle suitable for marine environments.
- All lighting fixtures are supplied ready for LOOP IN-LOOP OUT facility with cable up to 4 sqmm.

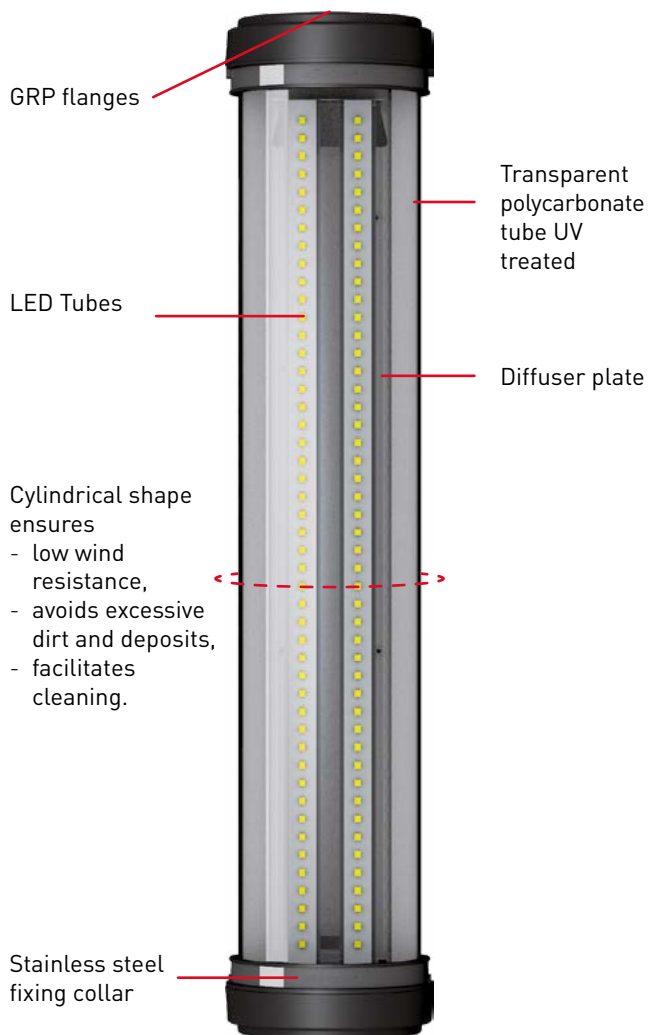
TECHNICAL FEATURES

Material	End cups in GRP/Light housing in polycarbonate
IP/IK rating	IP66/IK10 according to EN 62262:2002
Ambient temperature range	-20°C to + 55°C (Normal service) -20°C to + 40°C (Emergency service)
Approvals	LCIE 17 ATEX 3035 X IECEX LCIE17.0064X
Marking	II 2 G Ex eb mb IIC T4 Gb II 2 D Ex tb IIIC T85°C T130°C Db IP66
Gaskets	O-ring made of Nitrile Rubber (NBR)
Surface treatment	Unpainted
Entries	2 x entries M20. One plugged-off by Ex d brass nickel chrome plated plug and c/w gasket Upon request: M25 entries or PNCX connector
Hardware and screws	AISI304 stainless steel
LED lumen output	Available versions: 2,800lm, 5,600lm
Power	Available versions: 1x32W, 2x32W
Luminous efficiency	Up to 88lm/W
Ballast	Electronic
Rated operation voltage (UE)	220-250 Vac (normal service)
Frequency	50 – 60 Hz
Power factor	≥ 0.98 CosØ
Optional accessories	AISI316L Pole mounting kit; AISI316L Ceiling/Wall mounting kit; AISI316L Suspension mounting kit; 3° bottom entry M20x1,5; Brass NiCr/AISI316L single seal cable gland for unarmoured cable c/w set of sealing rings, gasket, locknut; Brass NiCr/AISI316L double seal cable gland for armoured cable c/w set of sealing rings, gasket, locknut.
Photometric curves	1 strip 2 strips



The EVF-L luminaries have a very high mechanical resistance to shocks IK10 and corrosion while being particularly bright. Thus they meet all requirements of aggressive environments (humidity, corrosion, pollution) for industrial areas at risk of explosion.

EVF-L LUMINARIES



Two opening switches allow the light source and the battery to be switched off automatically when the luminaire flange is open.

MODULAR CONNEXION WAY

Through PNCX connector

- easier and quicker installation & maintenance
- easier loop in loop out, you can keep lighting throughout other lightings during maintenance operations.



**LOOP IN/LOOP OUT
1 SOCKET + 1 PLUG
PNCX VERSION**

With cable gland

- Metric threads M20 or M25
- Loop in loop out facility
- Available for armoured cables or unarmoured.

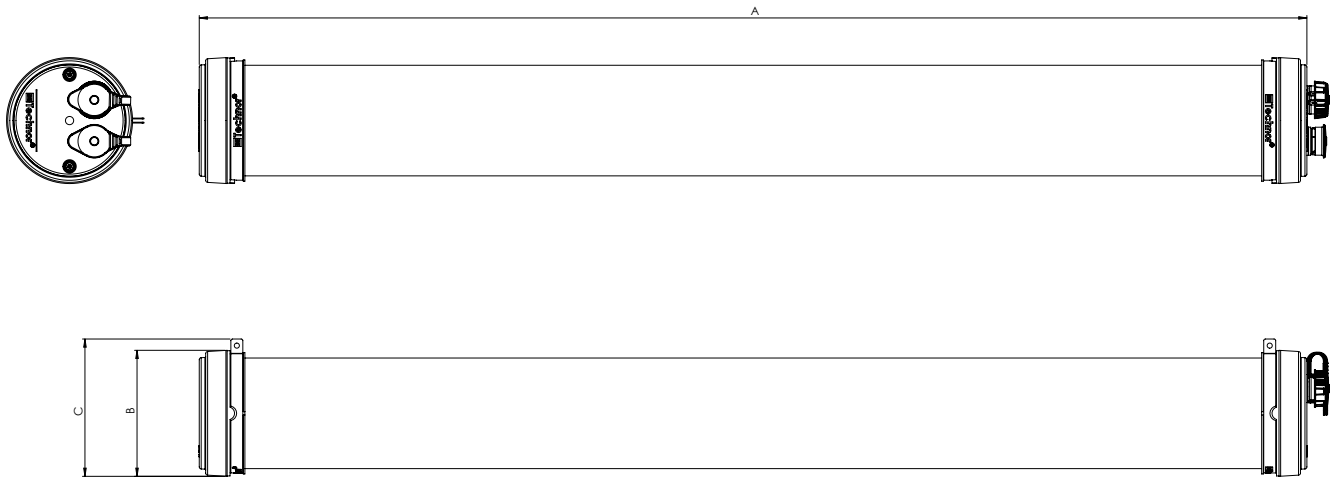


**LOOP IN/LOOP OUT
POLY GLAND VERSION**



**ARMOURED CABLE GLAND
VERSION**

Dimensions EVF-L TL LED



EVF-L TL.. LED - Lighting fixture for normal service

TYPE	CODE	POWER [W]	DIMENSIONS [mm]			WEIGHT [Kg]
			A	B	C	
EVF-L TL LED 132	A020963210006	1X32	745	153	166	6.00
EVF-L TL LED 232	A020963210007	2X32	1342	153	166	6.00

Standard: EVF-L with metric threads M20.

EVF-L versions with PNCX connector or M25 thread available upon request. Ask to our sales dept. to get more information.

