

LED LIGHTING

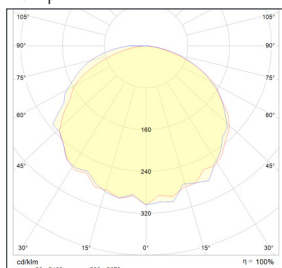
EVF-L TL2 LED.. Series - Zones 1, 2, 21, 22 - GRP



- Complete range of explosion-proof linear lighting fixtures 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.

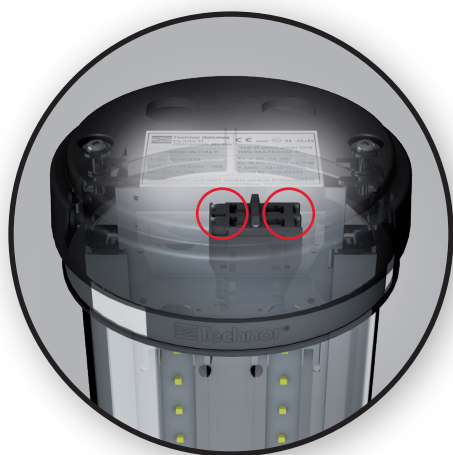
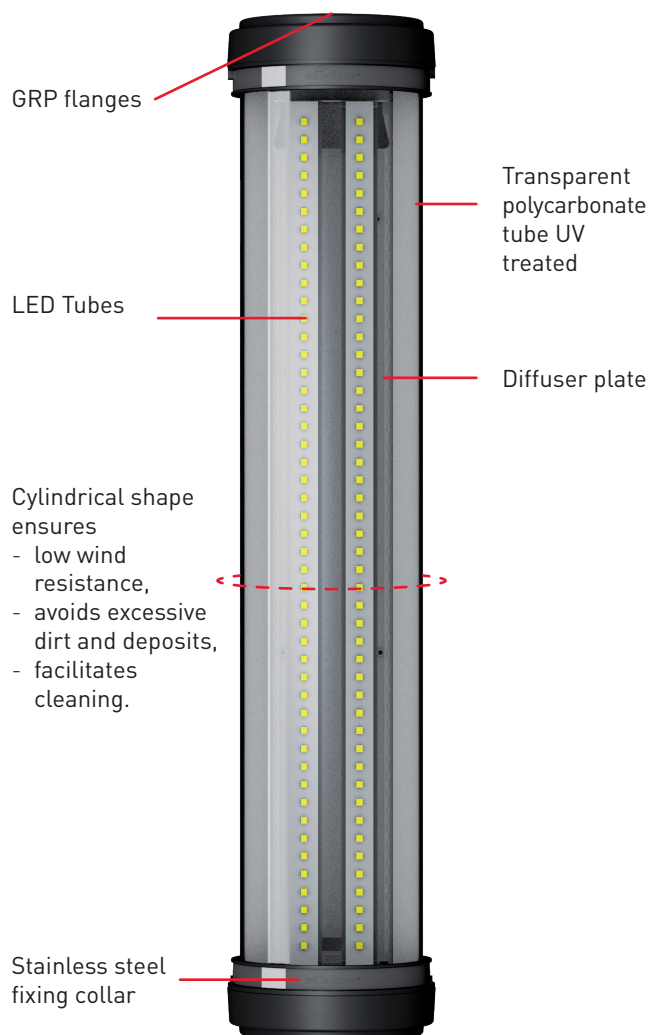
TECHNICAL FEATURES

Material	End cups in GRP/Light housing in polycarbonate
IP	IP66
Ambient temperature range	-20°C to + 60°C (normal & emergency service)
Approvals	ATEX: INERIS 20ATEX0036X IECEX: IECEX INE 20.0038X
Marking	II 2 G Ex mb db eb IIC T4/T3 Gb (T4 up to +55°C) II 2 D Ex tb IIIC T85°C Db
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: PNCX connector (see optional accessories)
Hardware and screws	AISI316L stainless steel
LED lumen output	Available versions: 3,225lm, 6,450lm, 9,800lm, 13,065lm
Power	Available versions: 1x19W, 2x19W, 3x19W, 4x19W
Luminous efficiency	Up to 170lm/W
Ballast	Electronic
Rated operation voltage (UE)	220-240 Vac (normal & emergency 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; PNCX input kit: PNCX portable socket-outlet combined with appliance inlet; PNCX output kit: PNCX plug combined with fixed socket-outlet
Photometric curves	1 strip



The EVF-L TL2 LED 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 TL2 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.

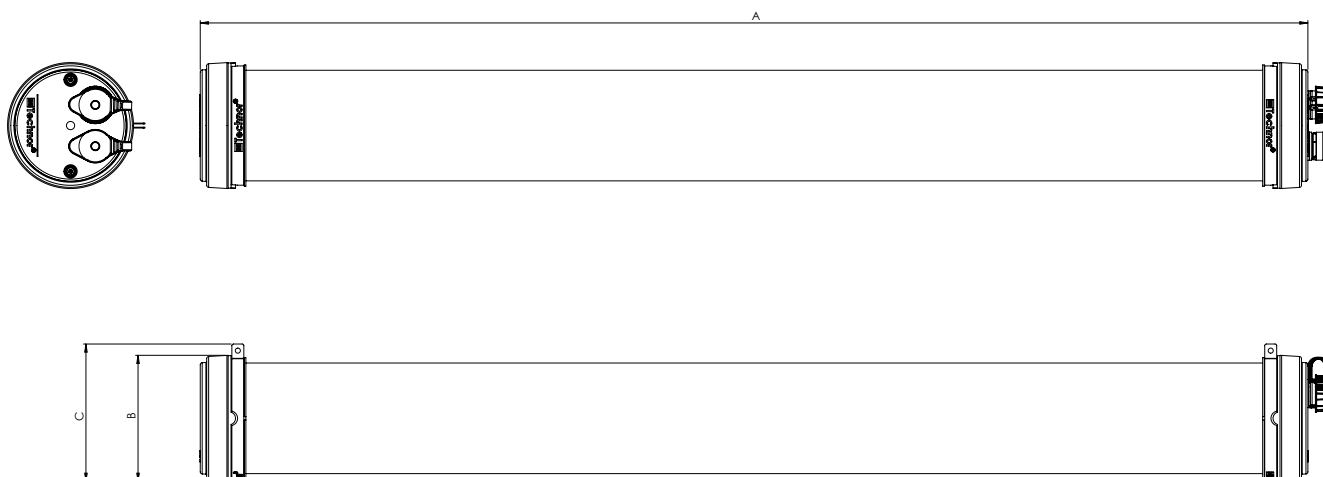


**LOOP IN/LOOP OUT
POLY GLAND VERSION**



**ARMOURED CABLE GLAND
VERSION**

Dimensions EVF-L TL2 LED



EVF-L TL2 LED - Lighting fixture for normal service

TYPE	CODE	POWER [W]	DIMENSIONS [mm]			WEIGHT [Kg]
			A	B	C	
EVF-L 1TL2 LED 1x19W	A020962210001	1X19	745	153	185	5.00
EVF-L 2TL2 LED 2X19W	A020962210002	2X19	745	153	185	5.00
EVF-L 3TL2 LED 3X19W	A020962210003	3X19	1345	153	185	8.00
EVF-L 4TL2 LED 4X19W	A020962210004	4X19	1345	153	185	8.00

EVF-L TL2 LED - Lighting fixture for emergency service

TYPE - PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF-L 1TL2 LE-P 60 - 1X19	A021062210001	1X19	500LM - 60'	745	153	185	6.00
EVF-L 1TL2 LE-P 180 - 1X19	A021062210005	1X19	500LM - 180'	745	153	185	6.00
EVF-L 2TL2 LE-P 60 - 2X19	A021062210002	2X19	500LM - 60'	745	153	185	6.00
EVF-L 2TL2 LE-P 180 - 2X19	A021062210006	2X19	500LM - 180'	745	153	185	6.00
EVF-L 3TL2 LE-P 60 - 3X19	A021062210003	3X19	500LM - 60'	1345	153	185	9.00
EVF-L 3TL2 LE-P 180 - 3X19	A021062210007	3X19	500LM - 180'	1345	153	185	9.00
EVF-L 4TL2 LE-P 60 - 4X19	A021062210004	4X19	500LM - 60'	1345	153	185	9.00
EVF-L 4TL2 LE-P 180 - 4X19	A021062210008	4X19	500LM - 180'	1345	153	185	9.00

EVF-L TL2 LED - Lighting fixture for emergency service

TYPE - NON PERMANENT	CODE	POWER [W]	EMERGENCY DURATION	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF-L 1TL2 LE-P 60 - 1X19	A021062210017	1X19	500LM - 60'	745	153	185	6.00
EVF-L 1TL2 LE-P 180 - 1X19	A021062210018	1X19	500LM - 180'	745	153	185	6.00

Note: Standard EVF-L TL2 LED s supplied with metric threads M20.

EVF-L TL2 LED versions with PNCX connector or M25 thread are available upon request.

Ask to our sales dept. to get more information.

