

LED LIGHTING

EVF-L... Series - Tubular GRP led lighting



- EVF-L lighting fixtures are manufactured with a high resistance cylindrical polycarbonate lamp housing and with end cups made of corrosion resistant and high mechanical resistance GRP
- Polycarbonate lamp housing is a three layers-extrusion UV resistant able to grant the best protection against sun rays and related yellowing effect.
- Circular shape grants the best possible "CX" factor, therefore it is less affected by winddusts, no flat surfaces to avoid pollution and dirty bunching.
- Components and design make EVF-L lighting fixtures suitable for high corrosion environments.
- All lighting fixtures are supplied ready for LOOP IN-LOOP OUT facility.

TECHNICAL FEATURES

Material	<ul style="list-style-type: none"> - Transparent polycarbonate envelope UV protected - GRP flanges - Stainless steel fastening collar 	<ul style="list-style-type: none"> - White lacquered steel plate for increased reflectivity - Stainless steel screws
IP, IK rating	IP66/IP 69K - IK 10	
Ambient temperature range	-20 °C to + 60 °C	
Approval	ATEX LCIE 17 ATEX 3035 X	
ATEX markings	II 2 G Ex db eb mb IIC T6 to T4 Gb (temp. class depend on electrical equipment and position) II 2 D Ex tb IIIC T80 °C to T130 °C Db Standards compliance IEC/EN 60079-0, 60079-7, 60079-18 and 60079-31	
ATEX zones	Gas and Dust: zones 1&2, 21 & 22	
Cable entries	PNCX connector for cable diameters 7 to 14 mm. On request: <ul style="list-style-type: none"> - 1 polyamide cable gland and 1 plug M20 for cable diameters 7 to 14 mm - 1 polyamide cable gland and 1 plug M25 for cable diameters 10 to 18 mm - Metal cable gland for armoured or unarmoured cable - Loop In/Loop Out - Through wiring - + 2 PNCX loop In/loop Out 	

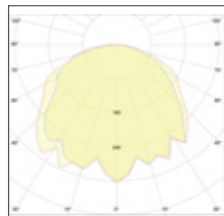
LED photometric characteristics

Flux	2800 - 5600 lm
Color temperature	7000° K
CRI Colour Rendering Index	>80
Efficiency	98 to 100 lm/W

Electrical specifications

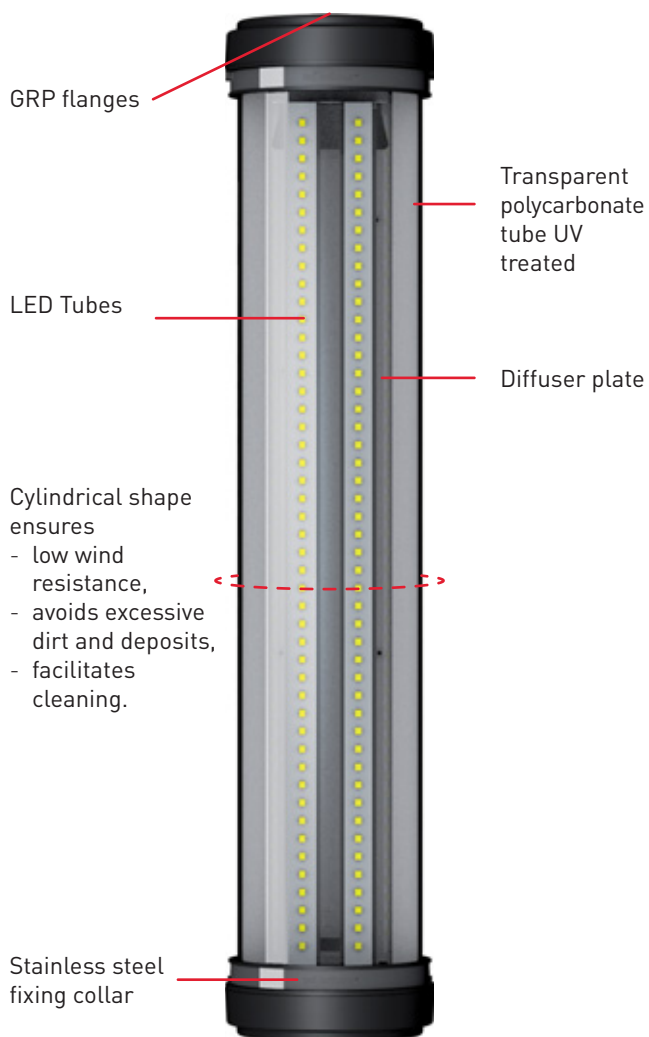
Voltage	220-240 Vac (normal and emergency service)/198-278 Vdc (normal service)	
Frequency	0/50-60 Hz	
Power factor	0.93 to 0.98	
Automatic emergency version	Emergency LED lighting 90 minutes	
Accessories available upon request	Automatic switch-off of the light and battery when opening Stainless steel pole mounting kit	Stainless steel wall mounting kit Stainless steel ceiling mount kit

Photometric light curves



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

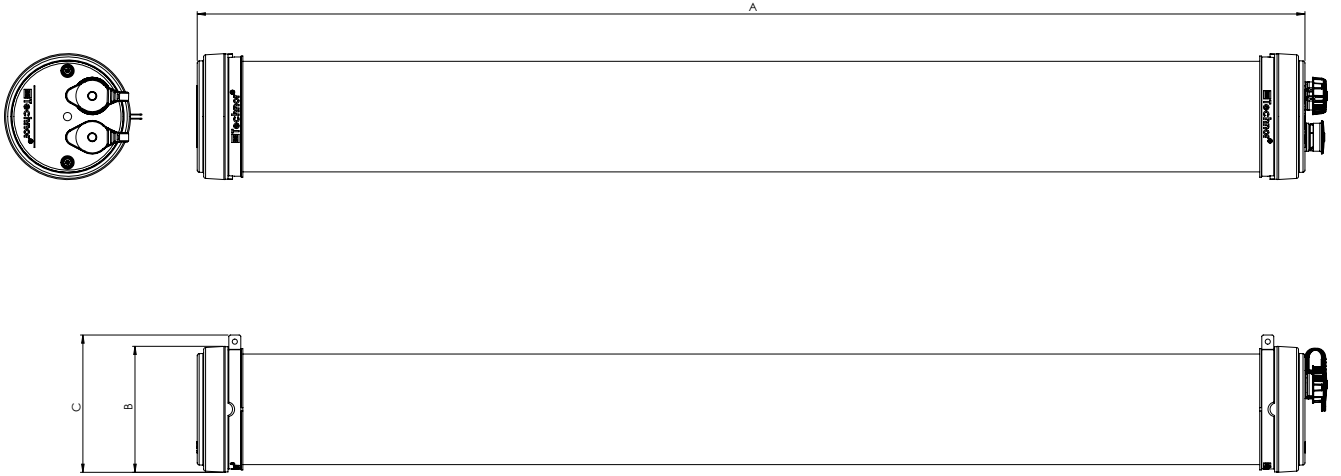
- Metric threads M20 or M25
- Loop in loop out facility
- Available for armoured cables or unarmoured.



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



**ARMOURED CABLE GLAND
VERSION**



EVF-L.. Series for normal service

TYPE	CODE	POWER [W]	PROTECTION MODE	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF-L 116	A120301200040	1X16	Ex-demb	745	153	166	4.5
EVF-L 216	A120302200040	2X16	Ex-demb	745	153	166	4.5
EVF-L 132	A120301400040	1X32	Ex-demb	1342	153	166	6.5
EVF-L 232	A120302400040	2X32	Ex-demb	1342	153	166	6.5

EVF-L.. Series for 90' emergency service

TYPE	CODE	POWER [W]	PROTECTION MODE	DIMENSIONS [mm]			WEIGHT [Kg]
				A	B	C	
EVF-L 132 LE P 90	A120401400540	1X32	Ex-demb	1342	153	166	9
EVF-L 232 LE P 90	A120402400540	2X32	Ex-demb	1342	153	166	9
EVF-L 116 LE NP 90	A120401210540	1X16	Ex-demb	745	153	166	7
EVF-L 132 LE NP 90	A120401410540	1X32	Ex-demb	1342	153	166	9

