### **LED LIGHTING**

# EVF-P TL LED.. Series - Zones 1, 2, 21, 22 - 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.
- 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.

## ECHNICAL FEATU

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 (Normal & emergency service)

ÜV CY 17 ATEX 0205846 X **Approvals IECEx INE 20.0038X** 

II 2 G Ex eb mb IIC T(\*) Gb (normal service) Marking

II 2 G Ex db eb mb IIC T(\*) Gb (emergency service)

II 2 D Ex tb IIIC T85°C Db IP66

\*T4/T3 depending on mounting position

**Gaskets** O-ring made of Nitrile Rubber (NBR)

Surface treatment End cups painted by polyurethane painting cycle - Blue RAL5014 (other colours on request)

**Entries** 2 x entries M20x1,5. One plugged-off by Ex d brass nickel chrome plated plug and c/w gasket

Hardware and screws AISI304 stainless steel

**LED** lumen output Available versions: 2,800lm, 5,600lm

Power Available versions: 1x32W, 2x32W

**Luminous efficiency** Up to 90lm/W

**Ballast** Integral electronic - Equipped with thermal quard protection to prevent overtemperature

Rated operation voltage (UE) 220-250 Vac (normal service)

220-240Vac (emergency service)

**Frequency** 50 – 60 Hz

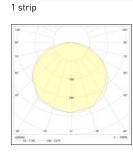
Power factor ≥ 0.98 CosØ

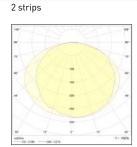
AISI316L Pole mounting kit; AISI316L Ceiling/Wall mounting kit; AISI316L Suspension Optional accessories

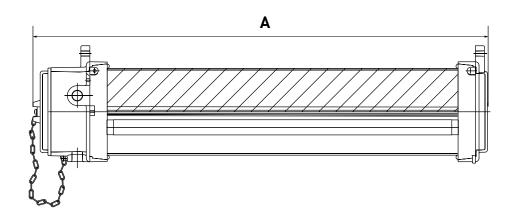
mounting kit; 3° bottom entry M20x1,5; Brass NiCr/AISI316L single seal cable gland for unarmoured cable c/w set of sealing rings, gasket, locknut; Brass NiCr/AISI316L double

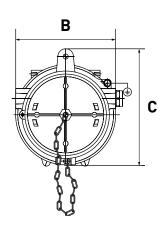
seal cable gland for armoured cable c/w set of sealing rings, gasket, locknut.

Photometric light curves









EVF-P TL LED - Lighting fixture for normal service

TYPE	CODE	POWER [W]	DIMENSIONS [mm]		WEIGHT [Kg]	
			Α	В	С	
EVF-P1 TL 1x32	A020563210006	1X32	760	176	194	6.00
EVF-P2 TL 2X32	A020563210007	2X32	1370	176	194	10.00

# EVF-P TL LED - Lighting fixture for emergency service

ТҮРЕ	CODE	POWER [W]	EMERGENCY	DIME	DIMENSIONS [mm]		WEIGHT [Kg]
			DURATION	Α	В	С	
EVF-P1 TL-1-LE-P 120 1X32	A020663210011	1X32	120' - 25% OF FLUX OF 1 MODULE	760	176	194	7.00
EVF-P2 TL-1-LE-P 120 2X32	A020663210014	2X32	120' - 25% OF FLUX OF 1 MODULE	1370	176	194	11.00
EVF-P2 TL-2-LE-P 120 2X32	A020663210010	2X32	120' - 25% OF FLUX OF 2 MODULES	1370	176	194	11.00