TEPEx FLX 310 LED IP66 Linear Ex ATEX luminaire
For ATEX Zone 1-21-2-22
Housing made of aluminium powder painted casting.
Diffuser strong borosilicate glass tube.
Gasket of silicon.
The light fitting is normally supplied with three (3) LED linear sources, two (2) cable entries M20 and wall/sealing mounting set.
For mounting in marine conditions we supply always with an special mounting set which clamps around the glass tube and avoid any galvanic corrosion.
(separte article 2 pcs needed per luminaire).
LED 3x12W chip-on-board technology with OVP, OCP, OTP protection.
Autonomous activation after recovery.
Suitable for linear lighting up to max. 20 modules.
Nominal voltage is standard 220-240V 50/60Hz, (110V on request) power factor >95.
Operating temperatures -20°C to +50°C.

Lumen efficacy of **180 lm/W (new LED more lm/W).**

Standard color 4000K CRI >80.
Estimated service life >50.000 hours at Ta +40°C.
Standard protection IK08, IP66 Class1 (protective earthing).
Weight 7 kg.
Marking of explosion protection Ex db eb op is IIC T6 Gb and Ex tb op is IIIC T 80°C Db.
Apparatus category II 2G & II2D, Marking CE0722.
Certificate FIDI 19 ATEX 0045X.
Connecting terminals L1, L2, L3, N max 2x 2.5mm².
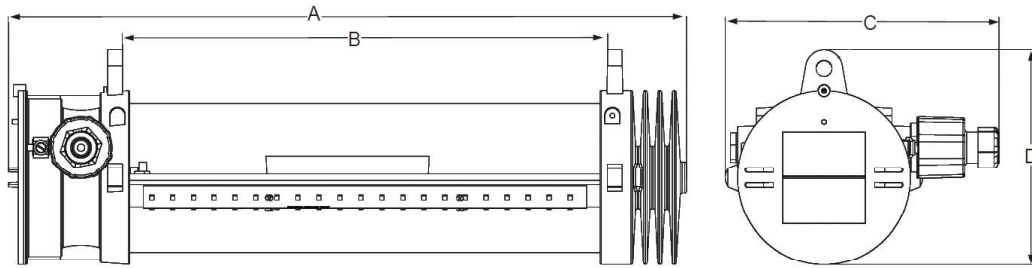PE terminal max 2x6mm², External PA terminal -PA max 2x6mm².
Cable entry 2x M20 or 2x 3/4" NPT, with one Ex d plugs and one adapter type ADP 03/24 for cable diameter 6-15mm.
Mounting pedant, on pipe, wall, ceiling. Operates in any position.
Several spares and accessories available.

Article No.	Description	Wattage	Lumen output	LxWxH mm
83TEP055042	FLX 310 LED 1-cable gland	36	6.480	550 x 223 x 173
83TEP05542W2	FLX 310 LED 2-cable gland	36	6.480	550 x 223 x 173

A	B	C	D
550	395	223	173

Article No.	Model	Description
83TEPFLX10120	FLX1 0-120	Cover gasket FLX
83TEPFLXLED10310	FLX LED10-130	LED Module FLX 310
83TEP1016	FLX LED 10-310	LED Module FLX 310 from July 2022 model
83TEPFLXLED20140	FLX LED20-140	Protective Grid FLX Set
83TEPFLXLED20150	FLX LED20-150	External Reflector FLX
83TEPFLX20170	FLX 20-170	FLX Wall/ceiling mounting set
83TEPFLX20180	FLX 20-180	FLX Pipe mouinting set