

APPLICATION

The luminaire is designed to light the industrial areas and facilities, also outdoor spaces with an explosion hazard of gases, vapors and flammable fogs mixed with air.

Hazardous zones: 1, 2, 21, 22.

Ex fluorescent light fitting type FLX is used as fluorescent lighting fitting with two TC-TSE fluorescent compact lamps 18W,24W,36W, 40W, 55W with 2G11 lampholder.

CONSTRUCTION

Housing: corrosion resistant grey polyurethanes painted aluminium color RAL 7000

Diffuser: borosilicate glass tube

Gasket: silicon

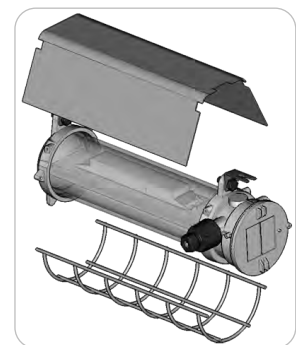
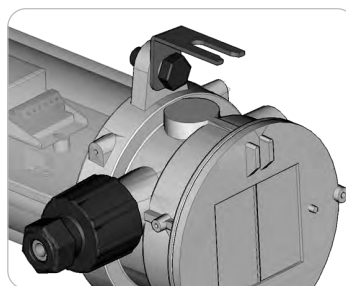
The light fitting is normally supplied with two light sources, two entries M20 and wall/sealing mounting set.

TECHNICAL DATA

Certificate:	CESI 06 ATEX 051-01/09
Marking:	CE 0722
Apparatus category:	II 2GD
Marking of explosion protection:	Ex de IIC T5/T6 Ex d IIC T5/T6 tD A21 T95°C/T80°C
Ambient temperature:	-20°C ≤ T _a ≤ +50°C
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Rated voltage:	100 V ÷ 280 V AC/DC
Frequency:	0-60 Hz
Rated power:	See selection table
Power factor:	λ=0,99
Connecting terminals:	L1, L2, L3, N, PE - max. 2,5 mm ² PE for outside earthing max. 2 x 6 mm ²
Cable entry:	2 x M20, according to EN 60079-1, ISO 965-1, ISO 965-3 or 2 x 3/4"NPT, according to ANSI/ASME B1.20.1 or 2 x M20, with one Ex d plugs and one adapter type ADP 03/24, for cable φ6-15 mm
Through wiring:	With two Ex de adapter ADP 03/24 - 4 x 2,5 mm ² , max. 16 A,
Energy classification EEI:	A2
Electromagnetic compatibility:	in conformity with the EMC Directive 2004/108 EC and harmonized standards EN 55015+A1+A2, EN 61547 , EN 61000-3-2+A1, EN 61000-3-3

MOUNTING

Pendant, on pipe, wall, ceiling mounting
Operates in any position.



FLX



CESI 06 ATEX 051

**MODEL CODE**

FLX . . . / . . .

Basic type code**Number of fluorescent tubes in lamp:**

- 1 – one tube
- 2 – two tubes

Nominal wattage of tube:

- 18 - 18 W TC-L
- 24 - 24 W TC-L
- 36 - 36 W TC-L
- 40 - 40 W TC-L
- 55 - 55 W TC-L

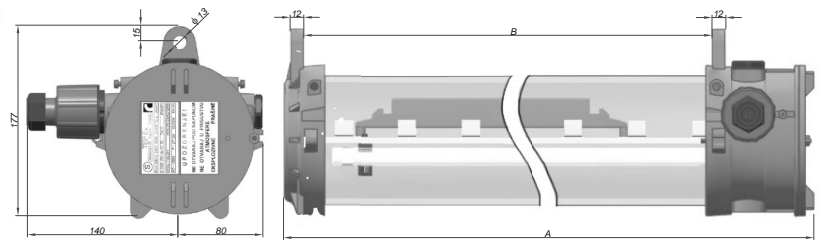
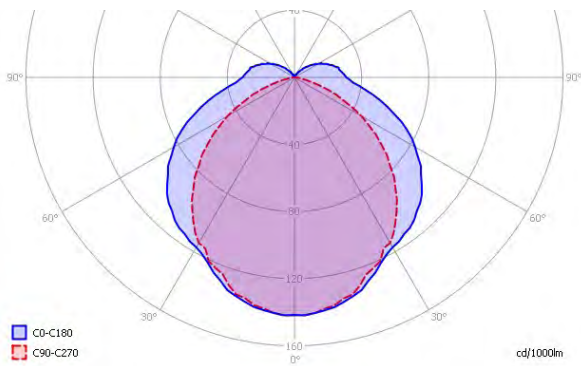
Type of ballast:

- 0 - magnetic ballast with starter (EEI=B2) (only for types FLX .18, FLX .24, FLX .36)
- 1 - electronic ballast with preheat start (EEI=A2)

Type of entries:

- 0 - Ex d threaded cable entries 2x M20, ISO 965-1, ISO 965-3
- 1 - Ex d threaded cable entries 2x 3/4"NPT, ANSI/ASME B1.20.1
- 2 - Ex d cable entries 2x M20, ISO 965-1, ISO 965-3 with one Ex de adapter type ADP 03/24 and one Ex d plug

MODEL CODE	WATTAGE	LAMP TYPE	NOMINAL VOLTAGE	LUMINOUS FLUX [lm]	LAMP HOLDER	A	B	WEIGHT
FLX 218	2x18 W	TC-TSE	100-280 V	2 x 1200	2G11	330	215	3,3 kg
FLX 236	2x36 W			2 x 2900		520	405	5,8 kg
FLX 255	2x55 W			2 x 4700		645	530	8,4 kg

POLAR CURVE**DIMENSION DRAWING** (all dimensions in mm)**SPARE PARTS AND ACCESSORIES**

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Cover gasket FLX	FLX 10-120		Ex d cable gland SPU 20	SPU 20
	Base plate FLX/...	FLX 10-130		Ex d plug M20	SPC 20
	Protective grid FLX set	FLX 20-140		FLX Wall / ceiling mounting set	FLX 20-170
	External reflector FLX	FLX 20-150		FLX Pipe mounting set	FLX 20-180
	Junction box ADP 23	FLX 10-160			