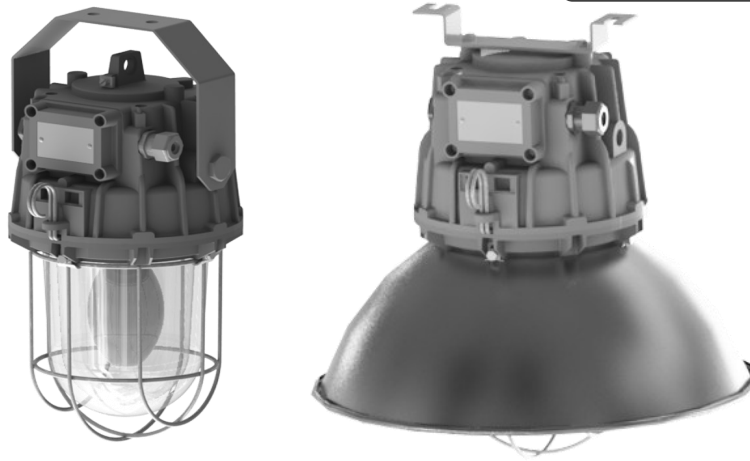


Zone 1, 2, 21, 22



#### 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.


#### CONSTRUCTION

Housing: aluminium powder painted casting

Diffuser: borosilicate glass

Accessories: protected galvanized steel gird, assembly kit for wall, pipe and ceiling mounting

#### TECHNICAL DATA

Certificate:	CESI 06 ATEX 052
Marking:	CE 0722
Apparatus category:	II 2GD
Marking of explosion protection:	 Ex de IIC T3-T6 tD A21 IP66 T80°C-130°C
Environment temperature:	-20°C ≤ Ta ≤ +40°C / +50°C - according to selection table
Degree of protection:	IP 66/67 in accordance with EN 60529+A1, category 1
Resistance to shock:	IK 08 in accordance with EN 50102
Insulation class :	I (protective earthing) in accordance with EN 61140
Rated voltage:	230 V (-10% / +6%) (other voltage on request) 12 V AC/DC, 24 V AC/DC, 110 V AC, 230 V AC-lamp type PLFS-T/FLASH
Frequency:	50Hz (60Hz on request)
Rated power:	according to table
Cable entries:	two entries Exe M25x1,5 according EN 60423
Connecting terminals:	L1, L2, L3, N; max. 2 x 2,5 mm <sup>2</sup> solid, flexible terminal for protective earthing conductor connection -PE; max 2x6mm <sup>2</sup> terminal for external -PA connection; max 2x6mm <sup>2</sup> tightening torque for screw clamp 1,2 Nm
Cable gland and plug:	II 2GD Exe M25 IP66 tightening torque for gland screw 2,5 Nm, tightening torque for gland or plug 3,5 Nm
Cover fixing:	M 6, Hexagonal screw; without switch
Weight:	7,0 kg

#### MOUNTING

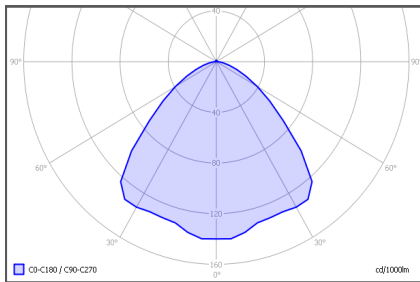
Pendant, on pipe, wall, ceiling mounting  
Allow inclination ±45° of vertical mounting

EX PENDANT LIGHT FITTING type PLFS-T

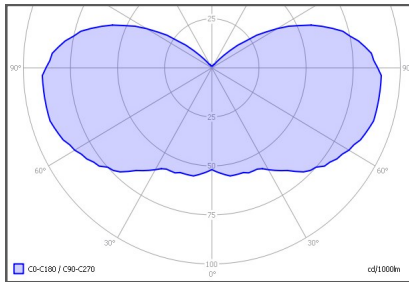
**MODEL CODE**

MODEL CODE	WATTAGE	LAMP TYPE	LUMINOUS FLUX [lm]	LAMP HOLDER	TEMPERATURE CLASS (gas)		T <sub>0</sub> MAX (dust)		
					T <sub>a</sub> =40°C	T <sub>a</sub> =50°C	T <sub>a</sub> =40°C		
PLFS-T/200	max. 200 W	A	2500	E27	T4	T4	130°C		
	max. 230 W	QT	4200			T3			
	max. 160 W	LME	3150			T4			
	max. 30 W	TC-TSE	2300		T6	-	80°C		
PLFS-T/125	125 W	HME	6700		T4	-	130°C		
	110 W	HSE-I	9500			-			
PLFS-T/100	100 W	HSE	9000			-		-	-
		HIE	8400						
PLFS-T/70	70 W	HSE	5800		T5	T4	95°C		
		HIE	5500						
PLFS-T/150	150 W	HIE	12500	T4	-	130°C			
PLFS-T/ FLASH	15 W / 11 J (in total)	XENON	-	-	T6	-	80°C		

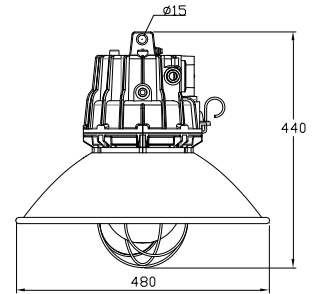
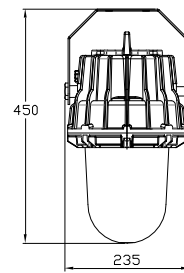
**POLAR CURVE, DIMENSION DRAWING [mm]**



With external reflector



Without external reflector



**SPARE PARTS AND ACCESSORIES**

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Replacement glass PLFS-T	PLFS-T 10-120		Ex e cable gland M25	SPU 25
	Wire guard PLFS-T	PLFS-T 10-130		Ex e plug M25,	SPC 25
	Base plate with lamp holder, ballast	PLFS-T 10-140		Light bulb	According to type table
	PLFS-T cover Exe set	PLFS-T 10-150		PLFS-T fixing bracket for tube R 1 1/2"	PLFS-T 20-120
	PLFS-T external reflector, wide	PLFS-T 20-100		PLFS-T mounting bracket (ceiling and wall mounting)	PLFS-T 20-130
	PLFS-T external reflector, narrow	PLFS-T 20-110			