

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 (INOX on request), assembly kit for wall, pipe and ceiling mounting

TECHNICAL DATA

Certificate:	Ex Agency
Marking:	CE 2465
Apparatus category:	II 2GD
Marking of explosion protection:	Ex de IIC T3-T6 Gb Ex tb IIIC T80°C-195°C Db
Environment temperature:	-30°C ≤ Ta ≤ +40°C
Degree of protection:	IP 66 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:	See selection table
Frequency:	50Hz (60Hz on request)
Rated power:	See selection table
Cable entries:	two entries M20
Connecting terminals:	L, N, PE; max. 2 x 2,5 mm ² solid, flexible terminal for external -PA connection; max 2x6 mm ² tightening torque for screw clamp 2,2 Nm
Cable gland and plug:	one Ex d plug and one Ex de adapter, type ADP 03/23, for cable φv 6-15 mm
Weight:	3,5 kg

MOUNTING

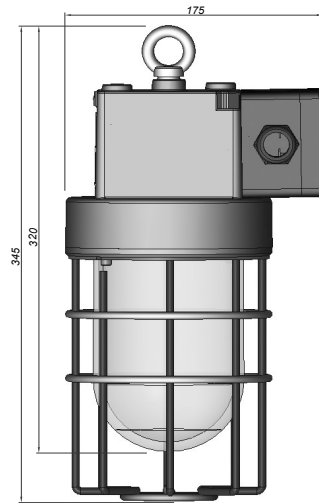
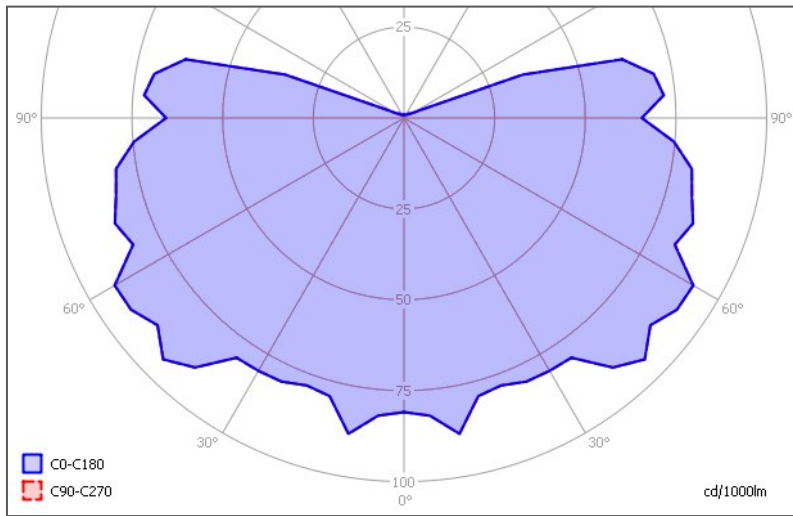
Pendant, on pipe, wall, ceiling

EX PENDANT LIGHT FITTING type PLFM

MODEL CODE

MODEL CODE	WATTAGE	LAMP TYPE	NOMINAL VOLTAGE	LUMINOUS FLUX [lm]	LAMP HOLDER	TEMPERATURE CLASS (gas)		T ₀ MAX (dust)
						T _a =40°C	T _a =40°C	T _a =40°C
PLFM 023	23 W (30 W)	TC-TSE	110 V	1500	E27	T6	80°C	
			230 V	2300				
PLFM 100	100 W	A,	110 V	1500		T4	130°C	
		QT	230 V	1700				
PLFM 150	150W	A	110 V	2200		T3	195°C	
		QT	230 V	2400				

POLAR CURVE, DIMENSION DRAWING (all dimensions in mm)



SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Replacement glass PLFM	PLFM 10-120		Ex e cable gland M25	SPU 25
	Wire guard PLFM	PLFM 10-130		Ex e plug M25,	SPC 25
	Gasket PLFM	PLFM 10-140		Light bulb	According to type table
	Lampholder with internal reflector	PLFM 10-150		PLFM fixing bracket for tube R 1 1/2", 1", 1/2"	PLFM 20-120
	Autotransformer PLFM	PLFM 10-160		PLFS-T mounting bracket (ceiling mounting)	PLFM 20-130
	Junction box ADP 23	PLFM 20-110		PLFS-T mounting bracket (wall mounting)	PLFM 20-140