

LED

IP 66



IK08



- Robust light alloy enclosure weighs only 3,5 kg
- Fast and easy installation
- PLFM 100/3 with E27 lampholder for LED bulb
- Estimated service life for LED module 20W ~ 70 000 h
- LED module with 100lm/W

PLFM LED



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

Standard version without protected grid

TECHNICAL DATA

Certificate:	EXA 14 ATEX 0056X
Marking:	CE 0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	Ex db eb op is IIC T6 Gb Ex tb op is IIIC T80°C Db
Ambient temperature:	-20°C ≤ T _a ≤ +40°C
Degree of protection:	IP 66 category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Rated voltage:	230 V
Frequency:	50Hz (60Hz on request)
Rated power:	12 W, 20 W
Connecting terminals:	connection on tree-pole plug inside housing for connection L + N + PE; 2,5mm ²
Cable entry:	2x M20 (1x M20 Ex de adapter ADP 23/1 for cable 7-15mm, 1x Exd M20 plug)
Weight:	3,5 kg
Packing:	The packing contains: 2 pcs 440x260x170mm

MOUNTING

Pendant, on pipe, wall, ceiling

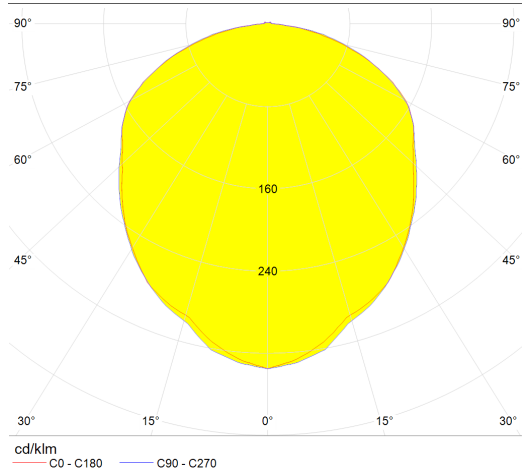
Pendant LED light fitting

MODEL CODE

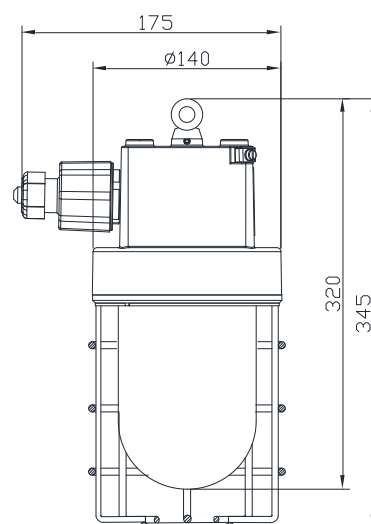
MODEL CODE	LED POWER [W]	VOLTAGE [V]	LUMINOUS FLUX [lm]	LIGHT OUTPUT RATIO η
PLFM 100/3-	12 W Osram 13 W Philips	230V	810 1055	0,80
PLFM 20 LED	LED module		2000	

POLAR CURVE

DIMENSION DRAWING



LED module
20W, 2000 lm



SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Replacement glass PLFM	PLFM 10-120		Ex d metal plug M20	SPC 20
	Wire guard PLFM	PLFM 10-130		LED bulb E27	prema tablici izvedbi
	Gasket PLFM	PLFM 10-140		PLFM mounting bracket for pipe R2"	PLFM 20-120
	PLFM LED modul, set	PLFM 10-170		PLFM mounting bracket (ceiling)	PLFM 20-130
	Adapter ADP 23/1	PLFM 20-110		PLFM mounting bracket (wall)	PLFM 20-140

Example of equivalent "traditional" light sources with Ex LED

LED		QT (halogen)		CFL (compact fluo)	
PLFM 20 LED		PLFM 100 QT		PLFM 100/2	
	17W 100 lm/W		100W 18 lm/W		23W 65 lm/W

The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

All technical data is relevant at the time of print.