

## PLFM LED

LED

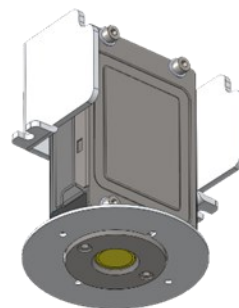
IP 66



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
- 4000K , CRI 80



## CONSTRUCTION

Enclosure: aluminum powder painted casting

Diffuser: borosilicate glass

Accessories: protective galvanized steel grid (INOX on request), assembly kit for wall, pipe and ceiling mounting

Standard version without protected grid

## TECHNICAL DATA

|                                         |                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>Certificate:</b>                     | FIDI 19 ATEX 0047X                                                                              |
| <b>Marking:</b>                         | CE 0722                                                                                         |
| <b>Apparatus category:</b>              | II 2G<br>II 2D                                                                                  |
| <b>Marking of explosion protection:</b> | Ex db eb op is IIC T6 Gb<br>Ex tb op is IIIC T85°C Db                                           |
| <b>Ambient temperature:</b>             | -20°C ≤ T <sub>a</sub> ≤ +40°C                                                                  |
| <b>Degree of protection:</b>            | IP 66 category 1                                                                                |
| <b>Resistance to shock:</b>             | IK 08                                                                                           |
| <b>Protection class :</b>               | I (protective earthing)                                                                         |
| <b>Rated voltage:</b>                   | 230 V                                                                                           |
| <b>Frequency:</b>                       | 50/60 Hz                                                                                        |
| <b>Rated power:</b>                     | 13 W, 20 W                                                                                      |
| <b>Connecting terminals:</b>            | connection on tree-pole plug inside housing for connection L + N + PE; 2,5mm <sup>2</sup>       |
| <b>Cable entry:</b>                     | 1x M20 (1x M20 Ex de adapter ADP 23/1 for cable 7-15mm)<br>Or connection box for through wiring |
| <b>Weight:</b>                          | 3,5 kg                                                                                          |
| <b>Packing:</b>                         | The packing contains: 1 pcs<br>440x260x170mm                                                    |

## MOUNTING

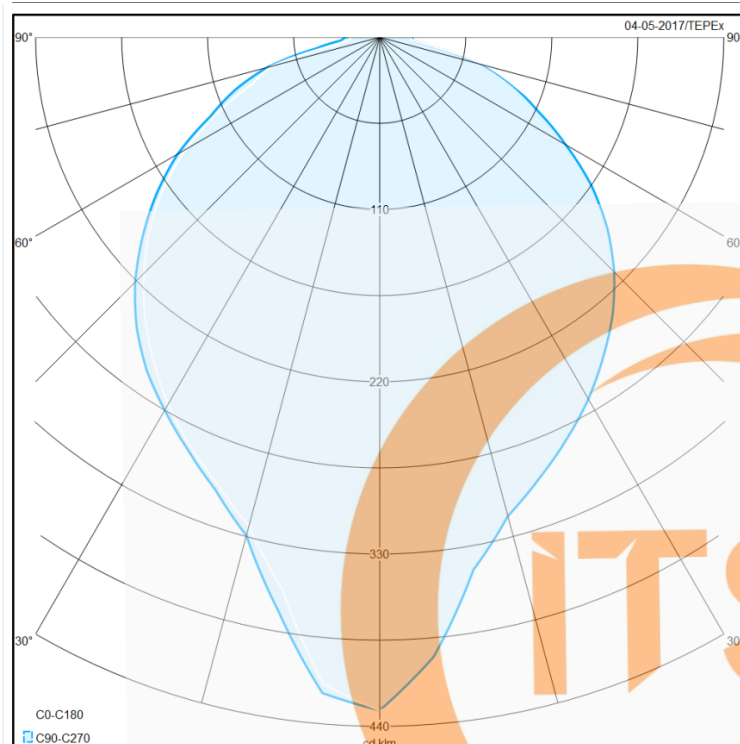
Pendant, on pipe, wall, ceiling

# Pendant LED light fitting

## MODEL CODE

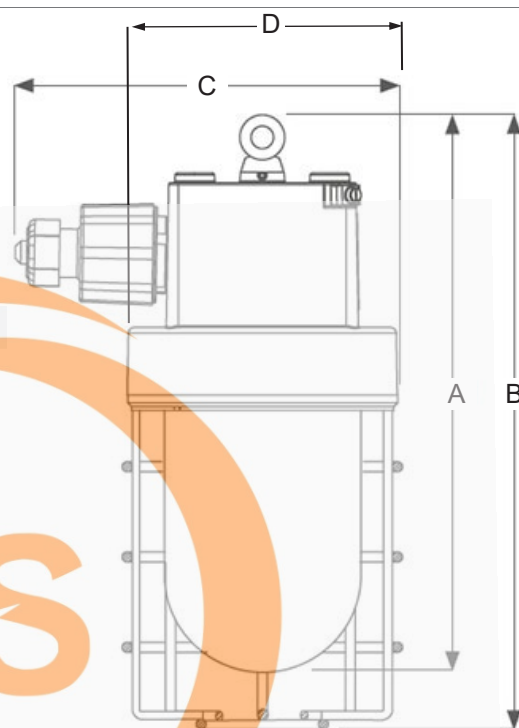
| MODEL CODE   | Power consumption [W]                  | Voltage [V] | Light fitting Luminous flux [lm] | System efficacy [lm/W] |
|--------------|----------------------------------------|-------------|----------------------------------|------------------------|
| PLFM 100/3-. | E27 / 12 W Osram<br>E27 / 13 W Philips | 230V        | 810<br>1055                      | 70                     |
| PLFM 20 LED  | 20W                                    |             | 2600                             | 120                    |

## POLAR CURVE



LED module 20W, 2000 lm

## DIMENSION DRAWING (mm)



| A   | B   | C   | D    |
|-----|-----|-----|------|
| 320 | 345 | 175 | Ø140 |

## SPARE PARTS AND ACCESSORIES

| SKETCH | DESCRIPTION            | CODE        | SKETCH | DESCRIPTION                        | CODE                  |
|--------|------------------------|-------------|--------|------------------------------------|-----------------------|
|        | Replacement glass PLFM | PLFM 10-120 |        | Ex d metal plug M20                | SPC 20                |
|        | Protective grid 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           |