



- High color rendering index CRI 80
- Estimated service life 70 000 hours
- With OVP, OCP, OTP protection
- Autonomous reactivation after recovery
- CCT4000K / other CCT on request
- Frosted front glass on request

# PLFS-N 100 LED



## CONSTRUCTION

Enclosure: aluminum powder painted casting  
 Diffuser: borosilicate glass  
 Accessories: protective galvanized steel grid, assembly kit for wall, pole and ceiling mounting  
 Gasket: silicon

## TECHNICAL DATA

<b>Certificate:</b>	FIDI 19 ATEX 0031
<b>Marking:</b>	CE 0722
<b>Apparatus category:</b>	II 2G II 2D
<b>Marking of explosion protection:</b>	Ex db eb op is IIC T6 Gb Ex db eb op is IIB+H <sub>2</sub> T6 Gb (version with breathing plug) Ex tb op is IIIC T85°C Db
<b>Ambient temperature ATEX:</b>	-40°C / -20°C ≤ T <sub>a</sub> ≤ +40 / +50°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>	90 - 305 VAC 127 - 431 VDC
<b>Frequency:</b>	50 / 60 Hz
<b>Rated power:</b>	60 W, 80 W, 100 W
<b>Connecting terminals:</b>	L1, L2, L3, N; max. 2 x 2,5 mm <sup>2</sup> PE terminal ; max 2x6mm <sup>2</sup>
<b>Cable entry:</b>	Connection box [3L+N+Pe] and true wiring + ISO25metal plug 2x M25 (1x M25 Exd cable gland, 1x Exd M25 plug)
<b>Weight:</b>	9 kg
<b>Packing:</b>	The packing contains: 2 pcs 560 x 300 x 270 mm

## MOUNTING

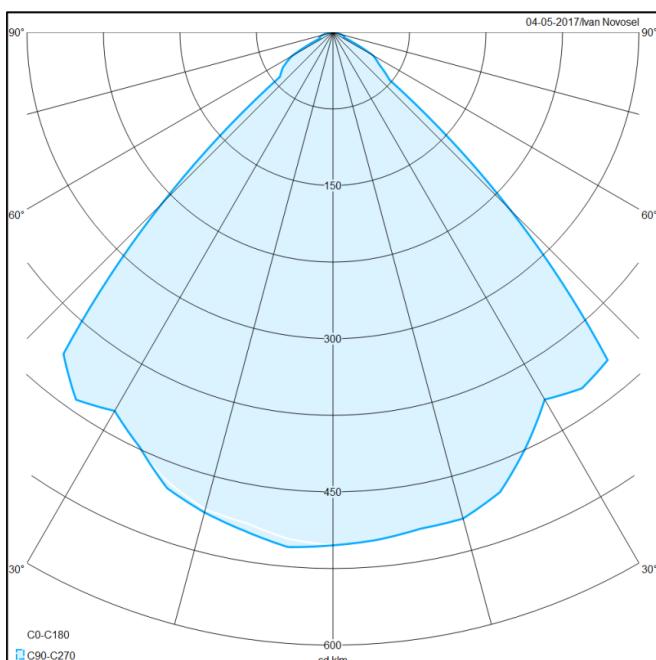
Pendant, on pole, wall, ceiling

# Pendant LED light fitting

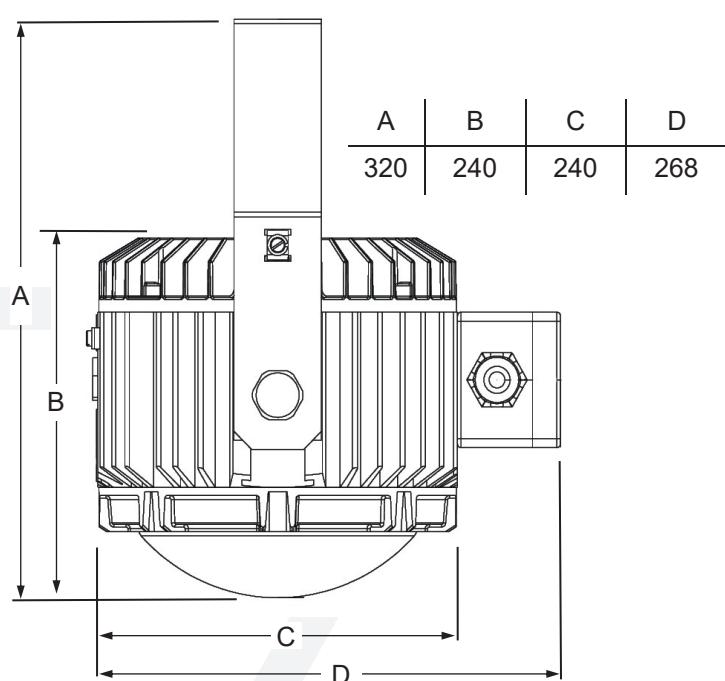
## MODEL CODE

MODEL CODE	Power consumption [W]	Voltage [V]	Light fitting Luminous flux [lm]	System efficacy [lm/W]	AMBIENT TEMP.
PLFS-N 100 LED-2	60 W	90-305 V AC 127-431 V DC	7 620	127	-40°C ÷ +50°C
PLFS-N 100 LED-3	80 W		10 150		
PLFS-N 100 LED-4	100 W		12 690		

## POLAR CURVE



## DIMENSION DRAWING (mm)



## SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	Replacement glass PLFS-N LED	PLFS LED 10-110		Pole mounting set R 1 1/2"	PLFS 20-130
	LED Carrier assembly	PLFS LED 10-150		PLFS-N mounting bracket	PLFS 20-120
	Breathing plug	BP 01		LED Driver assembly	PLFS-N 100 LED 10-140
	Protective grid PLFS LED	PLFS LED 20-130		Gasket PLFS-N	PLFS-N 100 LED 10-120

All technical data is relevant at the time of print.