

LED

IP 66



IK08



0403.24 LED20



CONSTRUCTION

Housing: aluminium powder painted casting
 Diffuser: borosilicate glass, silicone gasket
 Protected grid: AISI 316
 Standard version without protected grid

TECHNICAL DATA

Certificate:	EXA 16 ATEX 0015
Marking:	CE 0722
Apparatus category:	II 2G II 2D
Marking of explosion protection:	Ex eb mb IIC T6 Gb Ex tb IIIC T80°C Db
Ambient temperature:	$-30^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$
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:	20 W
Connecting terminals:	terminals L1 + N for $2 \times 4 \text{ mm}^2$ terminals PE for $2 \times 4 \text{ mm}^2$
Cable entry:	2x M25 (1x M25 Exe cable gland, 1x Exe M25 plug)
Weight:	4 kg
Packing:	The packing contains: 1 pcs 360x240x205 mm

MOUNTING

Two brackets with two screws M6

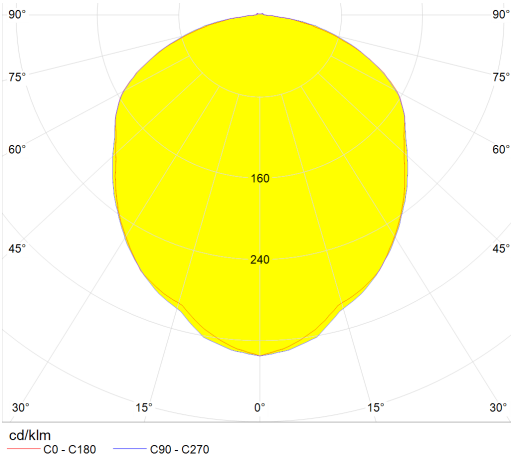
- Application in confined or restricted spaces
- Robust light alloy enclosure weighs only 4 kg
- Allowing the user to mount in areas where the available space is restricted
- Fast and easy installation
- Estimated service life 70 000 hours

Bulkhead LED light fitting

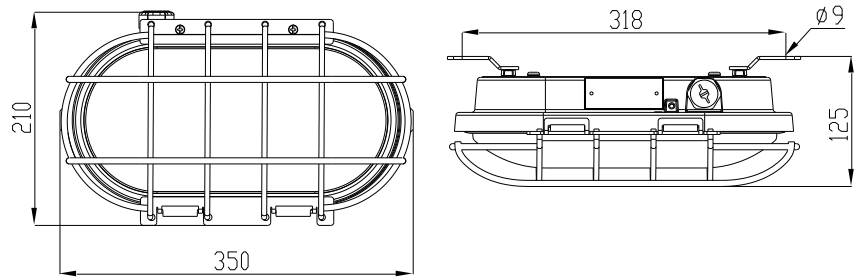
MODEL CODE

MODEL CODE	LED power [W]	VOLTAGE [V]	LUMINOUS FLUX [lm]	LIGHT OUTPUT RATIO η
0403.24 LED 20-1	20W	230V	2000	0,80

POLAR CURVE



DIMENSION DRAWING (all dimensions in mm)



SPARE PARTS AND ACCESSORIES

SKETCH	DESCRIPTION	CODE	SKETCH	DESCRIPTION	CODE
	LEDEX 01 modul	0403.24 LED 10-110		Ex e cable gland M25	SPU 25
	Gasket 0403.24 LED	0403.24 LED 10-120		Ex e plug M25	SPC 25
	Glass cover	0403.24 LED 10-130		Bracket for wall	0403.24 LED 10-160
	Protective grid	0403.24 LED 20-120		Bracket for pipe R2"	0403.24 LED 10-170

Example of equivalent "traditional" light sources with Ex LED

LED		A - incandescent light bulb	
0403.24 LED 20	20W 100 lm/W	0403.24/10	100W 15 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.