

E40



IP 66



IK08



- Up to 250W
discharge sources



CONSTRUCTION

Housing: aluminium powder painted casting

Diffuser: borosilicate glass

Accessories: protected galvanized steel gird, assembly kit for wall, pipe and ceiling mounting

TECHNICAL DATA

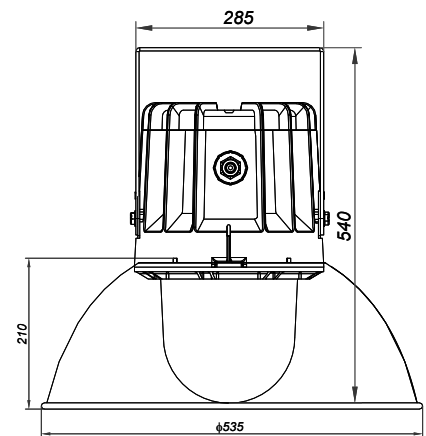
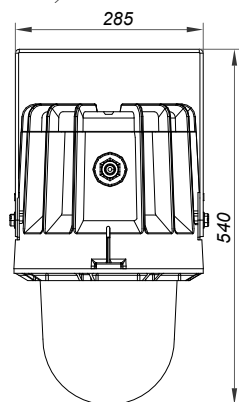
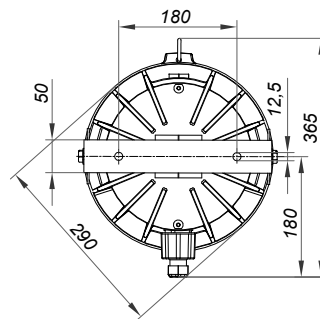
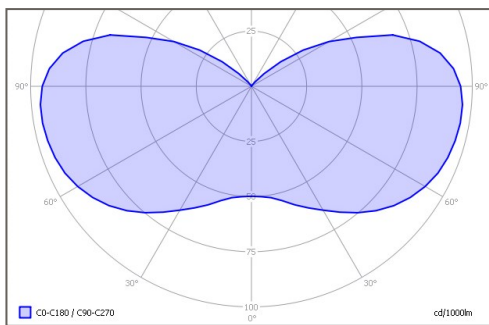
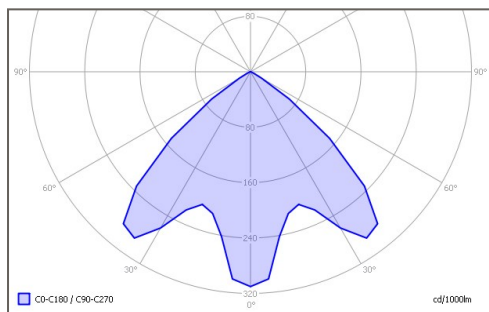
Certificate:	EXA 14 ATEX 0001 RU C-HR.AB24.B.03247
Marking:	CE 0722
Apparatus category:	II 2GD
Marking of explosion protection:	Ex Ex d e IIC T4-T3 Gb Ex d IIC T4-T3 Gb Ex tb IIIC T140°C - T155°C Db
Ambient temperature:	-20°C ≤ Ta ≤ +40°C / +50°C [ATEX] -50°C ≤ Ta ≤ +40°C / +50°C [EAC]
Degree of protection:	IP 66, category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Rated voltage:	230 V (-10% / +6%) (other voltage on request)
Frequency:	50Hz (60Hz on request)
Rated power:	See model code table
Light output ratio:	η=0,53% - 0,77%
Cable entry:	two entries Ex d, M20x1,5-6H
Ex d adapter:	type ADP 23/1 cable gland ISO 25 for cable 7-15 mm
Connection terminals inside adapter, type PLFL-1/...	terminals for connection L + NE + PE; 2,5 mm ² , solid, stranded
Connection terminals inside light fitting	terminals for connection L + NE + PE; 2,5 mm ² , solid, stranded it is possible through wiring, I _{max} = 16 A
External PA / PE terminal:	max 2 x 6 mm ² flexible, 3 pcs.
Tightening torque:	housing of Ex d e adapter and Ex d plug 3,5 Nm pressure nut of cable gland 2,5 Nm screws of Ex e terminal 1,2 Nm
Weight:	ca 18 kg – PLFL-/500 A,IQ and PLFL/250 LME ca 23 kg - PLFL-/250 HIE, HSE, HME

MODEL CODE

Model code	Max. wattage	Lamp type	Luminous flux	Lamp holder	Temp. class (gas)		T ₀ MAX (dust)
					T _a =40°C	T _a =50°C	T _a =40°C
PLFL/250 HIE, HSE, HSE Twinarc	250 W	HIE	20000	E40	T4	T3	140°C
		HSE	28000				
		HSE Tw	32000				
PLFL/250 HME	250 W	HME	20000		T4	T3	140°C
PLFL/250 LME		LME	5500				
PLFL/500 A,QT		A	8400		-		150°C
	500 W	QT	10250				

POLAR CURVE,

DIMENSION DRAWING [mm]



SPARE PARTS AND ACCESSORIES

Sketch	Description	Code	Sketch	Description	Code
	Replacement glass PLFL	PLFL 10-120		Gasket set PLFL	PLFL 10-160
	Wire guard PLFL	PLFL 10-130		Ex d plug M20,	SPC Exd 20
	Base plate with lamp holder, ballast	PLFL 10-140		Light bulb	According to type table
	Adapter ADP 23	PLFS-T 10-150		PLFL fixing bracket for tube R 1 1/2"	PLFL 20-120
	PLFL external reflector	PLFL 20-100		PLFL mounting bracket (ceiling and wall mounting)	PLFL 20-130

All technical data is relevant at the time of print.