

E40



IP 66



IK08



- Up to 400W discharge sources
- QL source up to 100 000 hours life time


**CONSTRUCTION**

Housing: aluminium powder painted casting

Diffuser: borosilicate tube glass

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

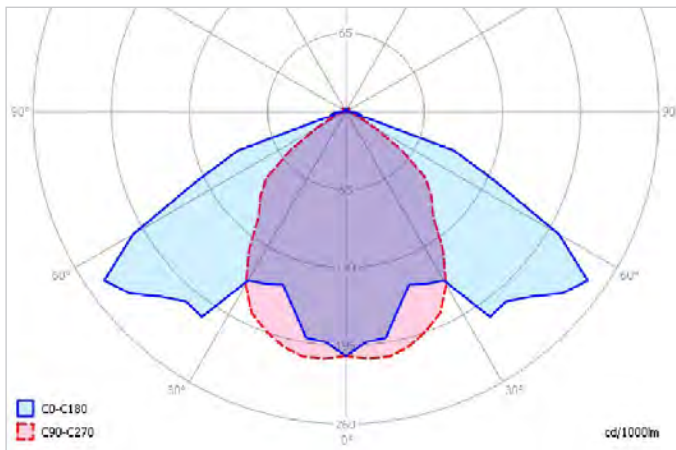
TECHNICAL DATA

Certificate:	FIDI 19 ATEX 0049 RU C-HR.AB24.B.03248
Marking:	CE 0722
Apparatus category:	II 2GD
Marking of explosion protection:	 Ex db eb IIC T4-T3 Gb Ex db IIC T4-T3 Gb Ex tb IIIC T130°C - T195°C Db
Ambient temperature:	-20°C ≤ Ta ≤ +40°C [ATEX] -50°C ≤ Ta ≤ +40°C [EAC]
Degree of protection:	IP 66, category 1
Resistance to shock:	IK 08
Protection class :	I (protective earthing)
Rated voltage:	RLF/... HIT,HST,HME,QT -230/240 V (-10% / +6%) / 50 Hz
Frequency:	50Hz (60Hz on request)
Rated power:	See model code table
Light output ratio:	η=0,60%
Cable entry:	RLF/... HIT,HST,HME,QT - three entries M20, with two Ex d plug and one Ex de adapter, type ADP 23/1, for cable ∅7-15 mm
Connection terminals inside light fitting	RLF/... HIT,HST,HME,QT -clamps in Ex d e adapter for connection L1, L2, N, PE, 2,5mm ² max. / clamp - solid, stranded;
External PA / PE terminal:	max 2 x 6 mm ² flexible, 3 pcs.
Weight:	See model code table
Packing:	The packing contains: 1 pcs 600x400x300 mm

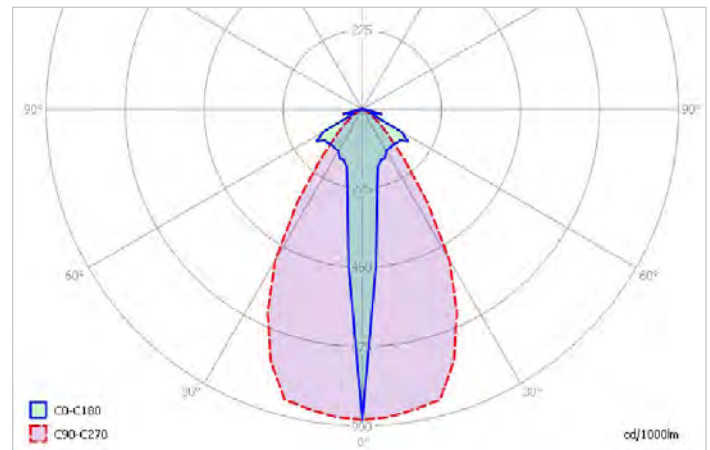
MODEL CODE

Model code	Max. wattage	Lamp type	Luminous flux	Lamp holder	Temp. class (gas)	T ₀ MAX (dust)	Weight
					T _a =40°C	T _a =40°C	
RLF/250 HIT	250 W	HIE	20000	E40	T4	130°C	25 kg
RLF/250 HST		HST	33200				
RLF/250 HME		HME	13000				
RLF/400 HIT	400 W	HIE	34000		T3	190°C	27 kg
RLF/400 HST		HST	56500				
RLF/500 IQT	500 W	IQT	10 250				22 kg

POLAR CURVE

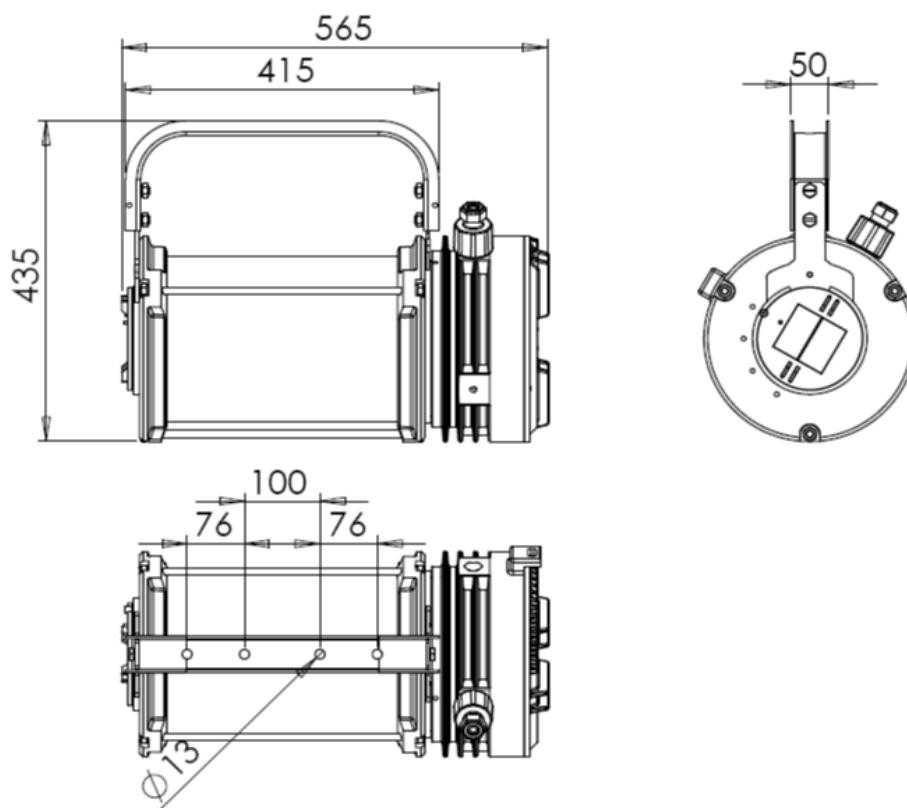


Wide beam reflector



Narrow beam reflector









DIMENSION DRAWING (all dimensions in mm)



All technical data is relevant at the time of print.

SPARE PARTS AND ACCESSORIES

If it is not ordered differently, floodlight **RLF/ ... HIT,HST,HME,QT** presume floodlight with RLF carrier, one Ex de adapter ADP 23/1 and two Ex d plugs, without light source and mounting accessories. Manufacturer will deliver spare parts and accessories on buyer request.

Sketch	Description	Code	Sketch	Description	Code
	Light source	RLF 10-110		Base plate HME Set	RLF 20-120
	Mounting screw M12x40	RLF 10-120		Gasket RLF	RLF 20-130
	U screw M12	RLF 10-130		Adapter Ex d e	ADP 23/1
	Base plate HIT, HST Set	RLF 20-110		Ex d plug M20	RLF 20-140

