

FLOODLIGHTS FOR HALOGEN AND DISCHARGE LAMPS

Explosion Proof Electrical Equipment



Ex Lighting

SFDE

Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)
Classification: Group II - Category 2G 2D

SFDE



GOST-R
RTR Ex Proof



	FLOODLIGHT / PROJECTOR		
	ATEX 94/9/EC	GOST-R (RTR / RTN)	GOST-K
EXECUTION	Ⓜ II 2 G Ex d / Ex de IIB +H ₂ T3/T2 Ⓜ II 2 D Ex tD A21 T200°C / T229°C	1Ex de IIB +H ₂ T6 (T3...T2) DIP A21 Ta (200...230) °C	1Ex de IIB +H ₂ T6 (T3...T2) DIP A21 Ta (200...230) °C
INSTALLATION	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22
PROTECTION DEGREE	IP66	IP66	IP66
CERTIFICATE REF.	INERIS 01 ATEX 0018	POCC IT. ГБ05.В02536	No. 07/43-269
RULES OF COMPLIANCE	EN 60079-0; EN 60079-1; EN 61241-1	ГОСТ Р 51330.9-99 (МЭК 60079-0-98); ГОСТ Р 51330.1-99 (МЭК 60079-1-98); ГОСТ Р 51330.8-99; ГОСТ Р МЭК 61241-1-1-99	ГОСТ Р 51330.0 / 1 / 8 / 14-99 ГОСТ Р МЭК 61241-1-1-2002

Mechanical characteristics

Body	marine grade copper free aluminium
Diffuser	tempered front glass
Support	adjustable type hot dip galvanized steel
Reflector	internal polished aluminium
Painting	external epoxy powders grey RAL-9006 colour
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	M20 size threaded

Electrical characteristics

Power supply	conventional ballast 230V - 50Hz (p.f.corrected - cos ϕ ≥ 0,95)
Lampholders	porcelain E40 size
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4mm/sq cables

ON REQUEST ACCESSORIES:

- External painting colour on request
- Control gear with voltage supply different than standard
- Threaded cable entry different than standard

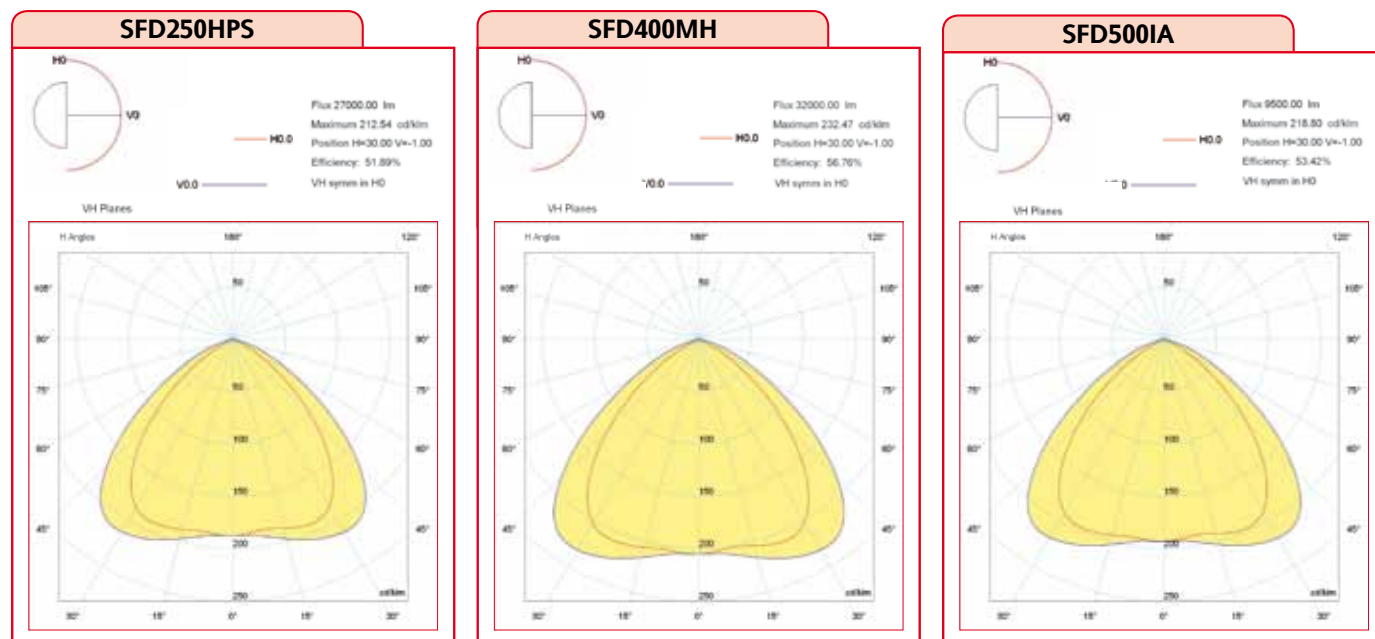
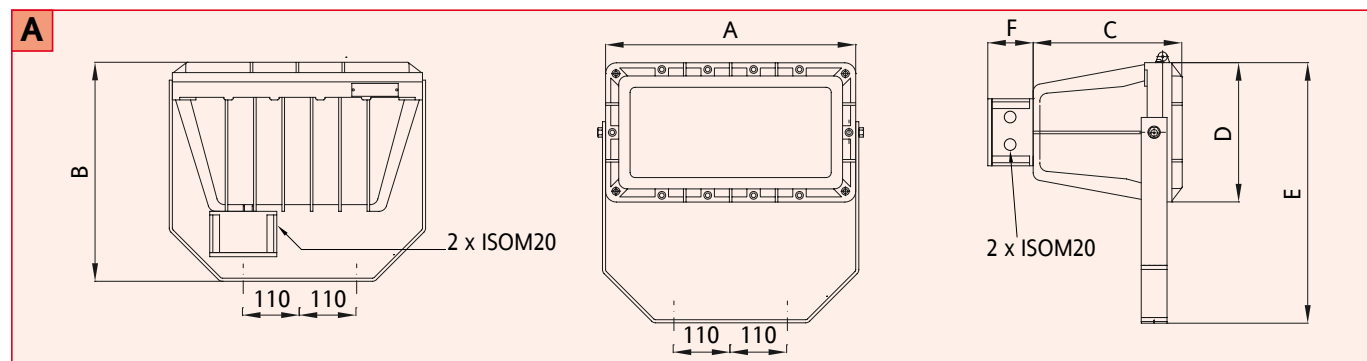
SFDE Technical data

CODE	POWER LAMP	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	LAMPHOLDER SIZE	CABLE ENTRY SIZE	DETAIL
FLOODLIGHTS FOR HALOGEN LAMP - POWER SUPPLY 230V-50Hz						
SFDE500IA	500 W	T2	T 229°C	E-40	2 x ISO-M20	A
FLOODLIGHTS FOR HIGH PRESSURE SODIUM LAMP - POWER SUPPLY 230V-50Hz						
SFDE150HPNA	150 W	T4	T 200°C	E-40	2 x ISO-M20	A
SFDE250HPNA	250 W	T4	T 200°C	E-40	2 x ISO-M20	A
SFDE400HPNA	400 W	T3	T 200°C	E-40	2 x ISO-M20	A
FLOODLIGHTS FOR METAL HALIDE LAMP - POWER SUPPLY 230V-50Hz						
SFDE250MH	250 W	T4	T 200°C	E-40	2 x ISO-M20	A
SFDE400MH	400 W	T3	T 200°C	E-40	2 x ISO-M20	A

SFDE Technical features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
SFDE150HPNA	485	425	290	270	504	88	25,00	2 x ISO-M20	A
SFDE250HPNA	485	425	290	270	504	88	25,00	2 x ISO-M20	A
SFDE400HPNA	485	425	290	270	504	88	25,00	2 x ISO-M20	A
SFDE250MH	485	425	290	270	504	88	25,00	2 x ISO-M20	A
SFDE400MH	485	425	290	270	504	88	25,00	2 x ISO-M20	A
SFDE500 IA	485	425	290	270	504	88	21,00	2 x ISO-M20	A

Reference details



REMARK: Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.