



Installation: hazardous areas - Zone 1 / 2 (Gases)
Zone 21 / 22 (Dusts)

Classification: Group II - Category 2G 2D



REFERENCE STANDARDS

Directive 2014/34/EU	
EXECUTION	⊗ II 2 G Ex d IIB + H2 T6...T4 or ⊗ II 2 G Ex de IIB + H2 T6...T4 ⊗ II 2 D Ex tb IIIC T85°C...T135°C
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-7; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 01 ATEX 0018
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-20°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	IECEX: IECEX INE 15.0003X INMETRO: CEPEL 15.2363X EAC: TC RU C-IT.BH02.B.00602 (-60°C ÷ +60°C) RINA: ELE18111CS_014 RUSSIAN MARINE CERTIFICATE (RMRS): 19.02519.280

Mechanical characteristics

Body	marine grade copper free aluminium
Diffuser	tempered front glass
Support	adjustable type hot dip galvanized steel
Painting	external epoxy powders grey RAL-9006 COLOUR
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	3/4"NPT (Ex d version) / ISO-M25 (Ex de version)

Electrical characteristics

Power supply	120 - 277Vac electronic driver 50/60 Hz - c/w surge protection 6KV and NTC thermal sensor
Lamp type	MK-R / CREE CRI 70, CCT 5700K. Lifetime: 80.000 hours L80 B10 @ta25
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4sq/mm cables
Optic	with symmetrical lens vertex at 65deg



On Request Accessories:

- External painting colour on request
- Threaded cable entry different than standard

Technical data

CODE	POWER LAMP	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	NOMINAL OUTPUT (lm)	LAMP TYPE	CABLE ENTRY SIZE	DETAIL
FLOODLIGHTS FOR LED LAMP - POWER SUPPLY 120-277 Vac - 50/60 Hz							
SFD160-LED	160 W	T6 (Ta = -20°C / +40°C)	T 85°C	12705	POWER LED	2 x 3/4" NPT	A
SFDE160-LED		T5 (Ta = -20°C / +50°C) T4 (Ta = -20°C / +60°C)	T 100°C T 135°C			2 x ISO-M25	B
SFD192-LED	192W	T4 (Ta = -20°C / +60°C)	T135°C	17680		2 x 3/4" NPT	A
SFDE192-LED						2 x ISO-M25	B
SFD224-LED	224 W	T6 (Ta = -20°C / +40°C)	T 85°C	19360		2 x 3/4" NPT	A
SFDE224-LED		T5 (Ta = -20°C / +50°C) T4 (Ta = -20°C / +60°C)	T 100°C T 135°C			2 x ISO-M25	B

Technical features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
SFD160-LED SFD192-LED SFD224-LED	485	390	100	292	462	190	25,00	2 x 3/4" NPT	A
SFDE160-LED SFDE192-LED SFDE224-LED	485	390	100	292	462	240	26,00	2 x ISO-M25	B

Reference details

