



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

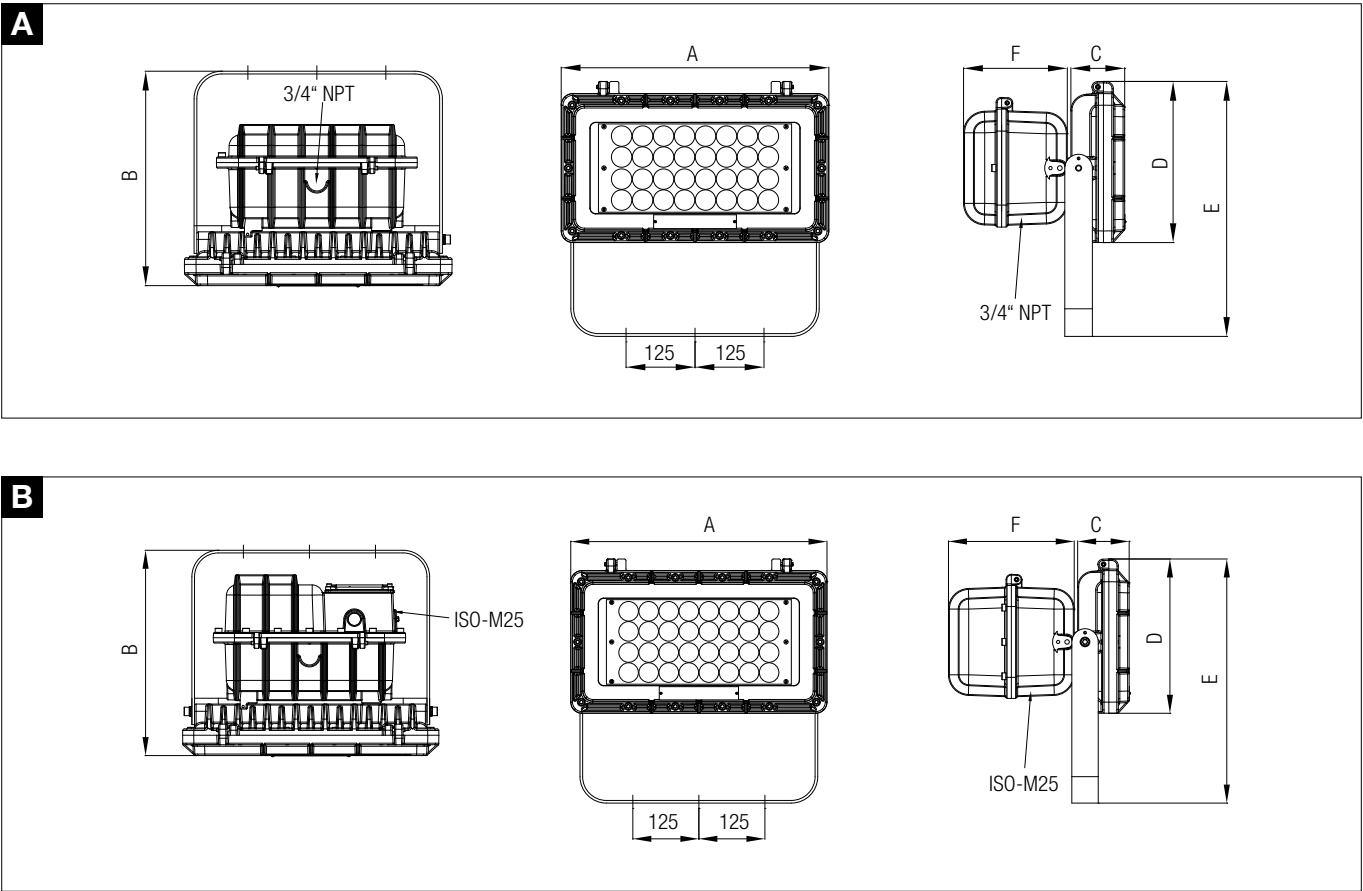
Technical data

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) T5 (Ta = -20°C / +50°C) T4 (Ta = -20°C / +60°C)	T 85°C T 100°C T 135°C	19360		2 x 3/4" NPT	A
SFDE224-LED						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



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.