

EVO - EVT

Directly supplied lighting fixtures



Installation

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

Classification

Group II - Category 2G 2D

Mechanical characteristics

Body	marine grade copper free aluminium
Diffuser	borosilicate frontal glass (EVT)
Diffuser	tempered frontal glass (EVO)
Painting	external epoxy powders grey RAL-9006 colour
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	3/4" NPT size threaded
Protection guard	galvanized wire steel (EVT ONLY)

Electrical characteristics

Power supply	standard voltage 230V - 50Hz
Lampholders	porcelain E27 size
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4sq/mm cables

On Request Accessories

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

Reference standard

Directive 2014/34/EU	
Execution	EVO ⊕ II 2 G Ex d IIC T6-T5-T3 Gb ⊕ II 2 D Ex tb IIIC T85°C-T100°C-T200 °C Db EVT ⊕ II 2 G Ex d IIC T6-T4-T3 Gb ⊕ II 2 D Ex tb IIIC T85°C-T135°C- T150°C Db
Rules of compliance	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31; EN/IEC 61241-0; EN/IEC 61241-1
EC Type-Examination Certificate	INERIS 01 ATEX 0039X (EVO) INERIS 01 ATEX 0040 (EVT)
Protection degree	IP66
Ambient temperature	-60°C ÷ +60°C (EVO - EVT)
Other available certificates	IECEX: IECEx INE 12.0018X (EVO) IECEX INE 12.0027X (EVT) INMETRO: CEPEL 12.2157 (EVO) CEPEL 12.2155 (EVT) EAC: TC RU C-IT.BH02.B.00602 (-60 °C ÷ +60 °C) RUSSIAN MARINE CERTIFICATE (RMRS): 19.02519.280



Technical data

Code	Lamp type and power	Temperature class (gas)	Temperature class (dust)	Lampholder size	Cable entry size	Detail
Lighting fixture directly supplied - power supply 220/230v-50Hz						
EVO100	100 W incandescent*	T3	T 200 °C	E-27	1 x 3/4"	A
	105 W halogen*	T3	T 200 °C	E-27	1 x 3/4"	A
	12 W LED	T6 / T5	T 85 °C / T 100 °C	E-27	1 x 3/4"	A
EVT100	100 W incandescent*	T4 / T3	T135 °C / T150 °C	E-27	2 x 3/4"	B
	105 W halogen*	T4 / T3	T135 °C / T150 °C	E-27	2 x 3/4"	B
	6 W LED	T6	T 85 °C	E-27	2 x 3/4"	B

* lamp not included.

Technical featurese

Code	A [mm]	B [mm]	C [mm]	Weight [kg]	Cable entry	Detail
EVO100	Ø140	185	Ø162	2,00	1 x 3/4"	A
EVT100	Ø233	180	Ø155	4,00	2 x 3/4"	B

* lamp not included.

Reference details

