



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

**Classification:** Group II - Category 2G 2D



**REFERENCE STANDARDS**

**Directive 2014/34/EU**

EXECUTION	<b>EVO</b> ⊗ II 2 G Ex d IIC T6-T5-T3 Gb ⊗ II 2 D Ex tb IIIC T85°C-T100°C-T200°C Db
	<b>EVT</b> ⊗ II 2 G Ex d IIC T6-T4-T3 Gb ⊗ II 2 D Ex tb IIIC T85°C-T150°C Db
	<b>TLF</b> ⊗ II 2 G Ex d / Ex de IIB T3 ⊗ II 2 D Ex td A21 T200°C
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) INERIS 01 ATEX 0026 (TLF)
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +60°C (EVO - EVT) -20°C ÷ +52°C (TLF)
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): 13.03516.315

**Mechanical characteristics**

Body	marine grade copper free aluminium
Diffuser	borosilicate frontal glass (EVT)
Diffuser	tempered frontal glass (EVO - TLF)
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

**Technical data**

CODE	LAMP TYPE and POWER	TEMPERATURE CLASS ( GAS )	TEMPERATURE CLASS ( DUSTS )	LAMPHOLDER SIZE	CABLE ENTRY SIZE	DETAIL
<b>LIGHTING FIXTURE DIRECTLY SUPPLIED - POWER SUPPLY 220/230V-50Hz</b>						
EVO100	100W INCANDESCENT	T3	T 200°C	E-27	1x3/4"	A
	105W HALOGEN	T3	T 200°C	E-27	1x3/4"	A
	12W LED	T6 / T5	T 85°C / T 100°C	E-27	1x3/4"	A
EVT100	100W INCANDESCENT	T4 / T3	T135°C / T150°C	E-27	2x3/4"	B
	105W HALOGEN	T4 / T3	T135°C / T150°C	E-27	2x3/4"	B
	6W LED	T6	T 85°C	E-27	2x3/4"	B
TLF100	75W o 100W INCANDESCENT	T3	T 200°C	E-27	2x3/4"	C
<b>LIGHTING FIXTURE FOR H.P.MERCURY VAPOUR LAMP - WITH SEPARATE CONTROL GEAR - POWER SUPPLY 230V-50Hz</b>						
TLF100-80HG	80 W	T3	T 200°C	E-27	2x3/4"	C

**Technical features**

CODE	A [mm]	B [mm]	C [mm]	WIGHT [Kg]	CABLE ENTRY	DETAIL
EVO100	Ø140	185	Ø162	2,00	1 x 3/4"	A
EVT100	Ø233	170	155	4,00	2 x 3/4"	B
TLF100	309	127	165	3,00	2 x 3/4"	C

**Reference details**

