

EXL

Lighting fixtures for high efficiency led lamps and fluorescent tube lamps



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	high-temperature resistant borosylicate glass
Painting	external epoxy powders grey RAL-9006 colour
Screws	External stainless steel
Reflectors	white stove enamelled sheet steel
Cable entry	3/4" NPT size threaded c/w cable gland

Electrical characteristics

Power supply (fluo)	electronic ballast 230 V/240 V 50/60 Hz (cos ρ ≥ 0,98)
Power supply (led)	electronic ballast 110 V/240 V 50/60 Hz (always on – maintained)
	electronic ballast 120 V/240 V 50/60 Hz (network only – not maintained)
	electronic ballast 230 V/240 V 50/60 Hz (only in emergency)
Lampholders	bi-in g5 cap (fluorescent lamp only)
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4 mm ² cables
Emergency unit	emergency unit for maintained and not maintained (see technical data table)

Reference standard

Directive 2014/34/EU	
Execution	Fluo: Ⓜ II 2G Ex db IIB+H2 T6 ... T5 Gb Ⓜ II 2D Ex tb IIIC T85 °C ... T100 °C Db IP66 LED: Ⓜ II 2G Ex dp op is IIB+H2 T6... T5 Gb Ⓜ II 2D Ex op is tb IIIC T85 °C ... T100 °C Db IP66
Rules of compliance	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31; EN/IEC 60079-28
EC Type-Examination Certificate	INERIS 15 ATEX 0024X
Protection degree	IP66
Ambient temperature	-60 °C ÷ +80 °C
Other available certificates	IECEX: IECEX INE 15_0030X INMETRO: CEPEL 15.2385X EAC: TC RU C-IT.BH02.B.00602 (-60 °C ÷ +60 °C) RUSSIAN MARINE CERTIFICATE (RMRS): 19.02519.280 ECASEX: 20-04-10104/Q20-04-000114

On Request Accessories

- External painting colour on request
- Electronic ballast with voltage supply different than standard
- Threaded cable entry different than standard
- Self-adhesive green label with EXIT sign (language on request)

Functional characteristics

EXL08 (Network only)	8W fluorescent lamp and electronic ballast 230 V/240 V 50/60 Hz
EXL08ESA-3 (Always On - Maintained)	8W fluorescent lamp and electronic ballast 230 V/240 V AC
EXL08E-3 (Emergency only - Not Maintained)	8W fluorescent lamp and electronic ballast 230 V/240 V AC
EXL08L / EXL208L (Network only)	with high brightness LEDs (350 mA – 4 W) supply from 120 V up to 240 V AC/DC
EXL08LE-SA (Always On - Maintained)	with high brightness LEDs (350 mA – 4 W) supply from 100V up to 240V AC with charge status monitor LED system (RED; battery under charging – GREEN: battery loaded)
EXL08LE (Emergency only - not maintained)	with high brightness LEDs (350 mA – 4 W) supply from 100V up to 240V AC with charge status monitor LED system (RED; battery under charging – GREEN: battery loaded)



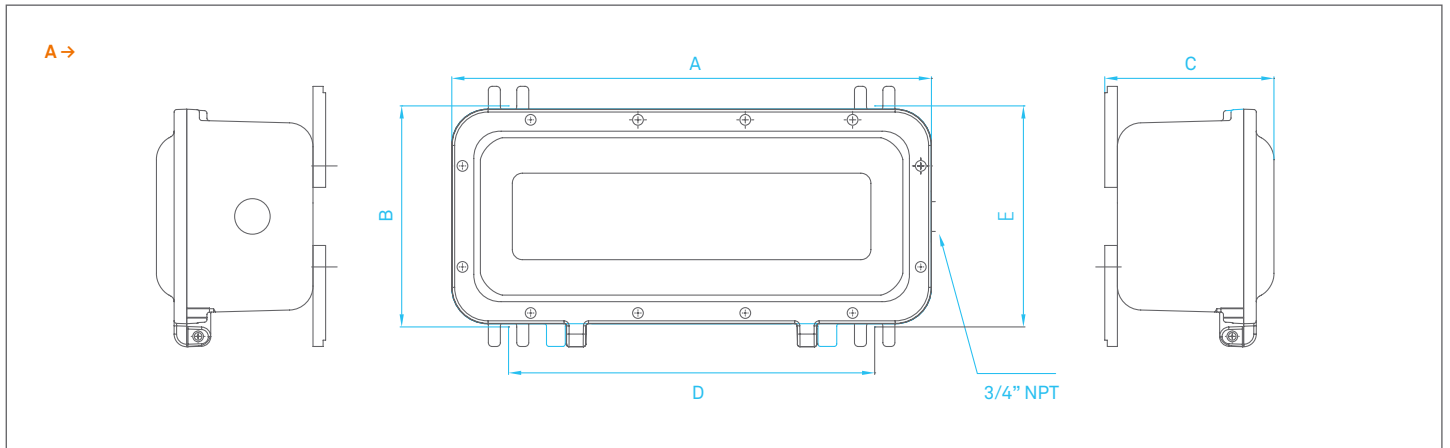
Technical data

Code	Power supply	Lamp	mA (LED)	Temperature class (gas)	Temperature class (dust)	Emergency unit	Autonomy
Lighting fixtures for fluorescent tube lamps							
EXL08	230 ÷ 240 V AC	8 W	-	T6 - T5	T 85 °C / T100 °C	no	-
EXL08E-3	230 ÷ 240 V AC	8 W	-	T6 - T5	T 85 °C / T100 °C	3,6 V - 4 A/h	180 min.
EXL08ESA-3	230 ÷ 240 V AC	8 W	-	T6 - T5	T 85 °C / T100 °C	3,6 V - 4 A/h	180 min.
Lighting fixtures for high efficiency led lamps							
EXL08L	120 ÷ 240 V AC	1 W x 4	350	T6 - T5	T 85 °C / T100 °C	no	-
EXL08LE	110 ÷ 240 V AC	1 W x 4	350	T6 - T5	T 85 °C / T100 °C	6 V - 4 A/h	180 min.
EXL208L	120 ÷ 240 V AC	(1 W x 4) x 2	350	T6 - T5	T 85 °C / T100 °C	no	-
EXL08LE-SA	110 ÷ 240 V AC	1 W x 4	350	T6 - T5	T 85 °C / T100 °C	6 V - 4 A/h	180 min.

Technical features

Code	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Weight [Kg]	Cable entry	Detail
EXL08...	380	170	125	270	156	8,00	1 x 3/4"	A

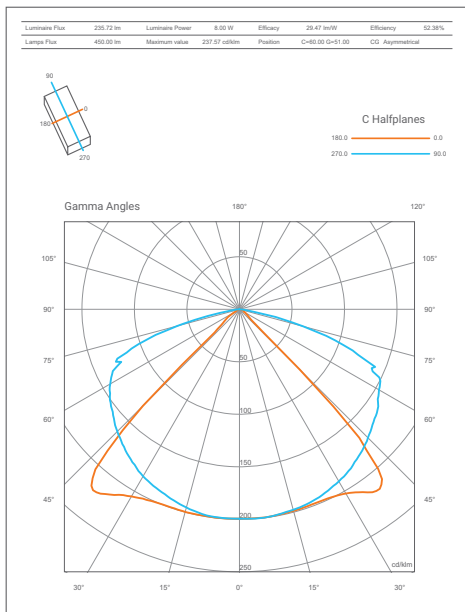
Reference details



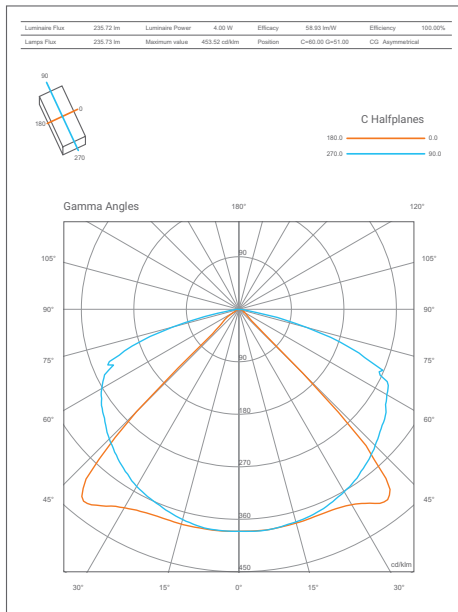
On request accessories

Code	Description	Material
CRS-SXX170054	Self-adhesive green "exit" label	Polyester

EXL08



EXL08L



EXL208L

