



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

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



### REFERENCE STANDARDS

#### Directive 2014/34/EU

|                                 |   |   |
|---------------------------------|---|---|
| EXECUTION                       | (fluo)  | <ul style="list-style-type: none"> <li>⊗ Ex db IIB + H2 T6... T5 Gb</li> <li>⊗ Ex tb IIIC T85°C... T100°C Db</li> </ul>             |
|                                 | (led)   | <ul style="list-style-type: none"> <li>⊗ Ex db op is IIB + H2 T6... T4 Gb</li> <li>⊗ Ex op is tb IIIC T85°C... T135°C Db</li> </ul> |
| 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<br>INMETRO: CEPEL 15.2385X<br>EAC: TC RU C-IT.BH02.B.00602 (-60°C ÷ +60°C)<br>RINA: ELE18111CS_014<br>RUSSIAN MARINE CERTIFICATE (RMRS): 19.02519.280 |   |

### Mechanical characteristics

|             |   |
|-------------|---|
| Body        | marine grade copper free aluminium            |
| Diffuser    | high-temperature resistant borosilicate 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 230V/240V 50/60Hz (cos ρ ≥ 0,98)                         |
|                     | electronic ballast 110V/240V 50/60Hz (always on – maintained)               |
| Power supply (led)  | electronic ballast 120V/240V 50/60Hz (network only – not maintained)        |
|                     | electronic ballast 230V/240V 50/60Hz (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 sq/mm cables   |
| Emergency unit      | emergency unit for maintained and not maintained (see technical data table) |

### Functional characteristics

**EXL08 (Network only):** 8W fluorescent lamp and electronic ballast 230V/240V 50/60Hz

**EXL08ESA-3 (Always On - Maintained):** 8W fluorescent lamp and electronic ballast 230V/240V AC

**EXL08E-3 (Emergency only - Not Maintained):** 8W fluorescent lamp and electronic ballast 230V/240V AC

**EXL08L / EXL208L (Network only):** with high brightness LEDs (350mA – 4W) supply from 120V up to 240V AC/DC

**EXL08LE-SA (Always On - Maintained):** with high brightness LEDs (350mA – 4W) 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 (350mA – 4W) supply from 100V up to 240V AC with charge status monitor LED system (RED; battery under charging – GREEN: battery loaded)



### 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)

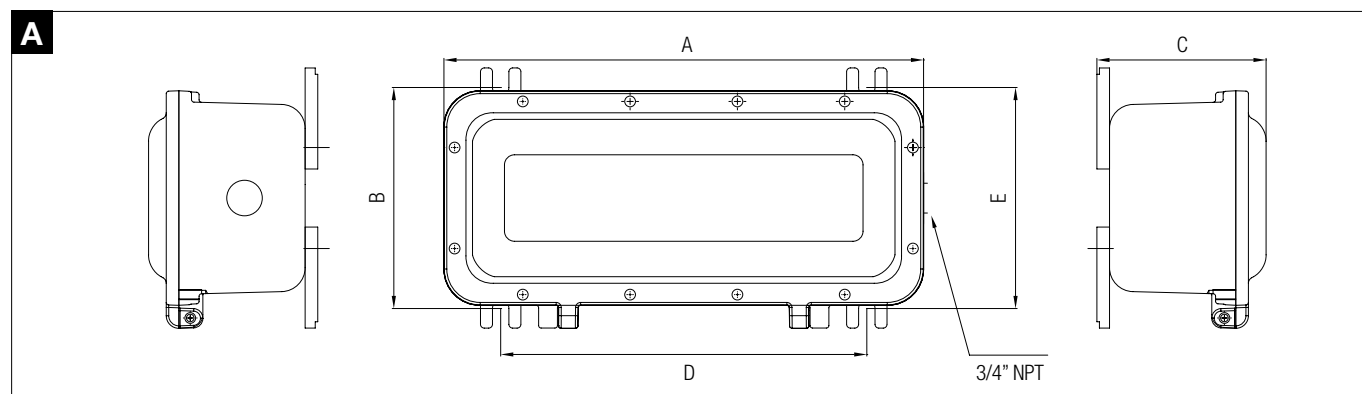
**Technical data**

| CODE   | POWER SUPPLY  | LAMP         | mA (LED) | TEMPERATURE CLASS (GAS) | TEMPERATURE CLASS (DUSTS) | EMERGENCY UNIT | AUTONOMY |
|--|---------------|--------------|----------|-------------------------|---------------------------|----------------|----------|
| <b>LIGHTING FIXTURES FOR FLUORESCENT TUBE LAMPS</b>    |               |              |          |                         |                           |                |          |
| EXL08  | 230 ÷ 240V AC | 8 W          | -        | T6 - T5                 | T 85°C / T100°C           | no             | -        |
| EXL08E-3   | 230 ÷ 240V AC | 8 W          | -        | T6 - T5                 | T 85°C / T100°C           | 3,6V - 4A/h    | 180 min. |
| EXL08ESA-3   | 230 ÷ 240V AC | 8 W          | -        | T6 - T5                 | T 85°C / T100°C           | 3,6V - 4A/h    | 180 min. |
| <b>LIGHTING FIXTURES FOR HIGH EFFICIENCY LED LAMPS</b> |               |              |          |                         |                           |                |          |
| EXL08L   | 120 ÷ 240V AC | 1W x 4       | 350      | T6 - T5                 | T 85°C / T100°C           | no             | -        |
| EXL08LE  | 110 ÷ 240V AC | 1W x 4       | 350      | T6 - T5                 | T 85°C / T100°C           | 6V - 4A/h      | 180 min. |
| EXL208L  | 120 ÷ 240V AC | (1W x 4) x 2 | 350      | T6 - T5                 | T 85°C / T100°C           | no             | -        |
| EXL08LE-SA   | 110 ÷ 240V AC | 1W x 4       | 350      | T6 - T5                 | T 85°C / T100°C           | 6V - 4A/h      | 180 min. |

**Technical features**

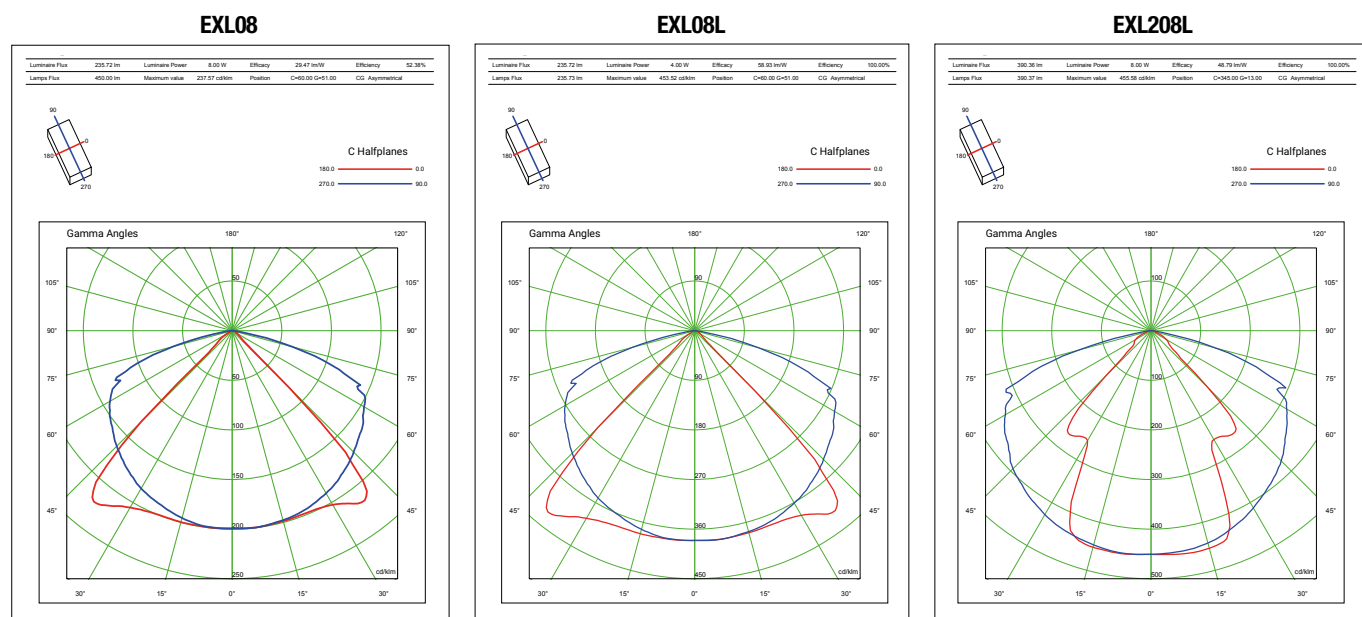
| CODE     | A [mm] | B [mm] | C [mm] | D [mm] | E [mm] | WIGHT [kg] | CABLE ENTRY | DETAIL |
|----------|--------|--------|--------|--------|--------|------------|-------------|--------|
| EXL08... | 380    | 170    | 125    | 270    | 156    | 8,00       | 1 x 3/4"    | A      |

**Reference details**



**On request accessories**

| CODE       | DESCRIPTION                      | MATERIAL  |
|------------|----------------------------------|-----------|
| 2070.00088 | SELF-ADHESIVE GREEN "EXIT" LABEL | POLYESTER |



**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.