

**EXPLOSION
PROOF**

EXP17 MLED marine version

 II 3G Ex ec IIC T4 Gc
II 3D Ex tc IIIC T100°C IP 66 Dc

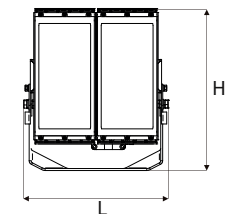
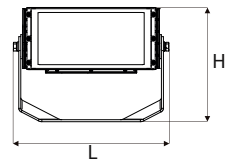
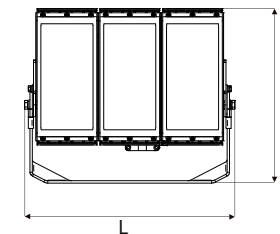
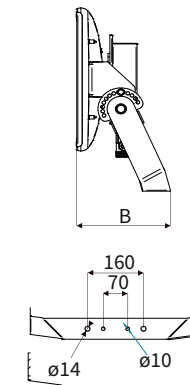


ZONES 2,22



DIMENSIONS [mm]

| Type | Number of chambers | L | B | H |
|--------------|--------------------|-----|-----|-----|
| EXP 17-MLED1 | 1 | 382 | 141 | 155 |
| EXP 17-MLED2 | 2 | 356 | 184 | 403 |
| EXP 17-MLED3 | 3 | 515 | 205 | 436 |



APPLICATION

The luminaire is designed for the industrial areas and facilities, also outdoor spaces with an explosion hazard of gases, vapours and flammable fogs mixed with air and inflammable dust and fibers mixed with air. The luminaire suitable for a painting shops. **Hazardous zones: 2,22**
Luminaire equipped with lens mounted on LED panel for light pattern shaping and reducing glare.
Luminaire is available in 1, 2, 3 or 4 modules version.

TECHNICAL DATA

| | | |
|--------------------------|-----------------------|------------------------|
| Type of housing: | gas: Ex ec | dust: Ex tc |
| Explosion group: gas: | IIC, IIB, IIA | dust: IIIC, IIIB, IIIA |
| Temperature class: | T4, T3, T2, T1 | |
| Max surface temperature: | 100°C | |
| Protection level: | gas: Gc | dust: Dc |
| Protection degree: | IP 66 | |
| Ambient temperature: | from -30°C to +45°C** | |
| Power supply: | 220-240V AC/DC | |

ELECTRIC UNIT

| | |
|--------------------------|----------------------------|
| Cable gland: | 2 x M20 |
| Cable diameter: | ø 6-12 mm |
| Terminal block: | 2 x /3x4 mm ² / |
| Ending or through wiring | |

| TYPE | WATTAGE | LUMEN OUTPUT | NUMBER OF CHAMBERS | WEIGHT |
|------------------|---------|--------------|--------------------|--------|
| EXP 17-MLED1/050 | 50 W | 8260 lm | 1 | 7,5 kg |
| EXP 17-MLED2/100 | 100 W | 16490 lm | 2 | 11 kg |
| EXP 17-MLED3/150 | 150 W | 26490 lm | 3 | 17 kg |
| EXP 17-MLED4/200 | 200 W | 32410 lm | 3 | 22 kg |

CONSTRUCTION

| | |
|-----------|---|
| Housing: | marine grade aluminium, powder painted hardened |
| Diffuser: | glass |
| Radiator: | marine grade aluminium, powder painted |
| Bracket: | stainless steel 316L |

* Chemical resistance diagram available on manufacturer's website in section „Designers area“

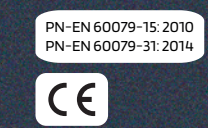


Adjustable bracket. 2- and 3-modules version

TECHNICAL DATA



APPROVALS



EXPLOSION PROOF

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EXPLOSION PROOF | available configurations

EXP17 MLED



| WATTAGE | CRI AND COLOUR TEMP. | OPTICS | OPTIONS |
|-----------|-------------------------|------------------|---------|
| 1 50 W | 840 CRI 80 4000 K | N narrow | DALI |
| 2 100 W | 956 CRI 90 5600 K | W wide | |
| 3 150 W | | AS asymmetric | |
| 4 200 W | | | |

