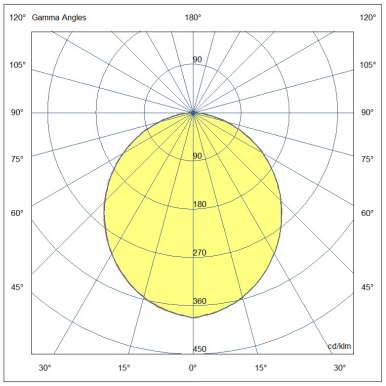
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## PSAR3 CRI90 EM.1H 23W WW DALI EMC

# 6976-02-356

Recessed ceiling light with rechargeable battery. In the event of a blackout, it automatically activates and keeps the light always on or turns it on if it was off. 1 hour autonomy. Normal operation, including switching on, dimming, and switching off, using the DALI protocol. Dual-color LED indicator for battery charge status, located on a housing separate from the lamp unit. Estimated battery life: 4 years T amb +5/+45°C; 6 years T amb +5/+35 °C; 8 years T amb +5/+25°C

| Lighting features | |
|---|---|
| LED Characteristics | **SMD** |
| Number of LEDs | **48** |
| Light Source Lumen | **2500 lm** |
| Item Lumen | **1900 lm** |
| Light Source Efficiency | **140 lm/W @85°C** |
| Item Efficiency | **82 lm/W @85°C** |
| Color Temperature | **White 3000K** |
| Optics | **Opal** |
| Minimum CRI | **90** |
| SDCM | **3 STEP** |
| Photobiological Risk | **RG0** |
| Emergency Function | **YES, 1h - LiFePO4 Battery** |
| Emergency Lumen | **270 lm** |
| Energy Efficiency Class | A G E |

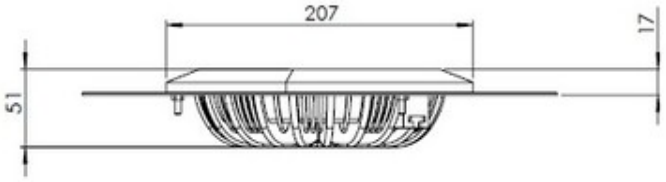
| Electrical features | |
|---|---|
| Input Voltage | **200/240V AC 50/60Hz** |
| Total Absorbed Power | **23W** |
| Power Factor | **> 0,9; 0,65C ricarica** |
| Control System | **DALI** |
| Driver | **Included** |
| Power Supply Type | **Costant Current** |
| Driver Output | **500mA (65mA Emergenza)** |
| Driver Input | **220/240V~ 50/60Hz** |
| Driver Protection | **Mains surge 1kV; (L/N - PE) 2kV** |
| Through-Wiring | **Yes, in the external emergency box** |

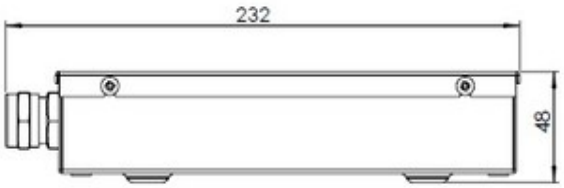
| Mechanical features | |
|---|---|
| Housing material | **Structure made of aluminum and painted steel** |
| Housing color | **White RAL 9010** |
| IP | **IP44 Front side** |
| Diffuser / Protective shield | **Opal acrylic** |
| Cable gland, cable Ø min-max | **N°2 PG M20x1.5 EMC, Øext. cable: min 9mm - max 16mm; N°1 PG M16x1.5 for lamp** |
| Mounting | **Recessed** |
| Hole dimension | **260** |
| Cable | **1.0m Shielded cable (driver-lamp)** |
| Operating ambient temperature | **+5°C / +45°C** |
| Storage ambient temperature | **12 mesi +5°C / +25°C** |
| Item Dimensions | **55mm Ø320mm - 3kg** |

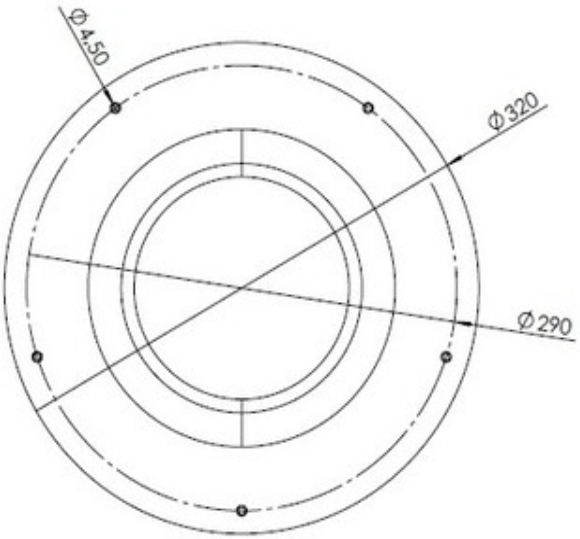
| Others | |
|---|---|
| Luminous Flux Maintenance | **L80 50000h** |
| Driver Lifespan | **100000** |
| Packaging Dimensions | **360x360x140mm - 3.5kg** |
| International standard compliance | **EN 60598-1; EN60598-2-2; EN60598-2-22; EN62471 + IEC TR 62778; EN55015; EN61000-3-2; EN61000-3-3; EN 50581** |
| Eancode | **8019282581048** |
| Insulation Class | **CL1** |

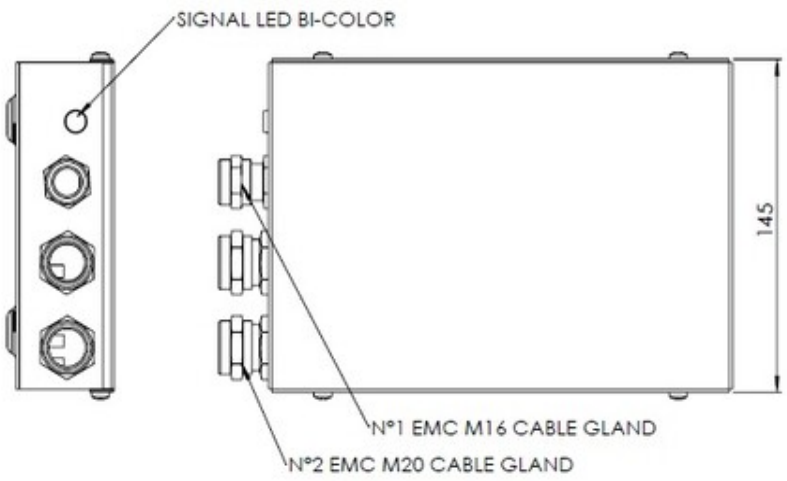
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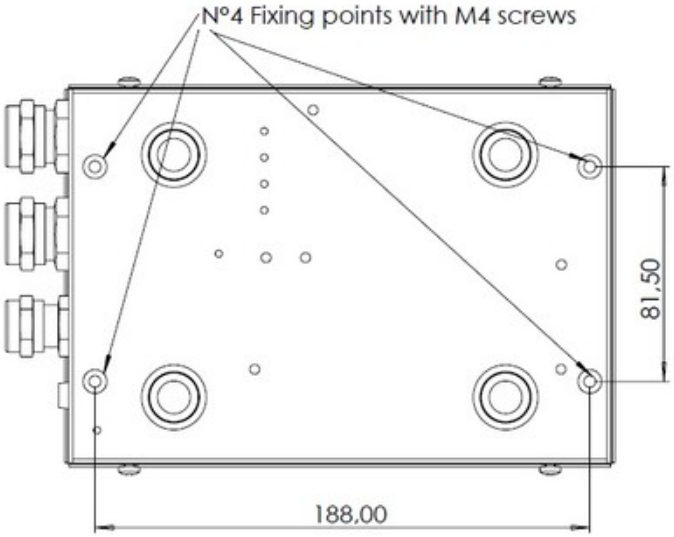
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**Pressacavi EMC – EMC cable gland**

1. Tagliare la guaina del cavo
2. Inserire il cavo attraverso il gruppo: dado cieco + anello + guarnizione + corpo
3. Assemblaggio della gabbia EMC sul cavo
4. Inserire la gabbia EMC nel corpo tirando il cavo nella direzione della freccia fino a sentire un «clic»
5. Stringere il dado del pressacavo con chiave del 24.

1. Cut the jacket of the cable
2. Insert the cable through the assembly: cap-nut + ring + sealing + body
3. Assembly of the EMC cage on the cable
4. Insert the EMC cage in the body by pulling the cable in the direction of the arrow until hearing a «click»
5. Tighten the cable gland nut with a 24mm wrench.

