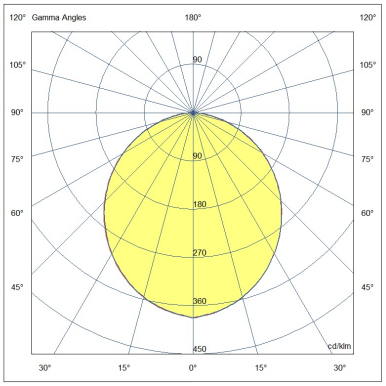
Fabas Luce S.p.a.
Via Luigi Talamoni 75,
20861 BRUGHERIO MB - ITALY
Tel. +39 039 890691
Fax. +39 039 2142208
info@fabasluce.it - www.fabasluce.it





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

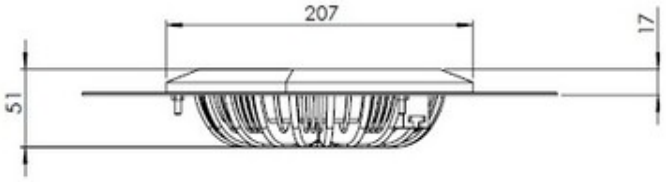
Electrical features	
Input Voltage	**200/240V AC 50/60Hz**
Total Absorbed Power	**23W**
Power Factor	**> 0,9; 0,65C ricarica**
Control System	**DALI**
Driver	**Included**
Power Supply Type	**Costant Current**
Driver Output	**500mA (65mA Emergenza)**
Driver Input	**220/240V~ 50/60Hz**
Driver Protection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

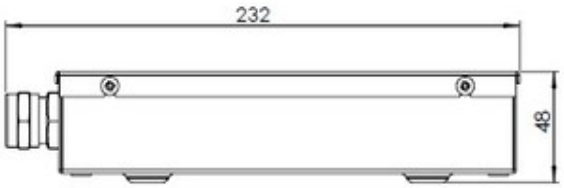
Mechanical features	
Housing material	**Structure made of aluminum and painted steel**
Housing color	**White RAL 9010**
IP	**IP44 Front side**
Diffuser / Protective shield	**Opal acrylic**
Cable gland, cable Ø min-max	**N°2 PG M20x1.5 EMC, Øext. cable: min 9mm - max 16mm; N°1 PG M16x1.5 for lamp**
Mounting	**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**

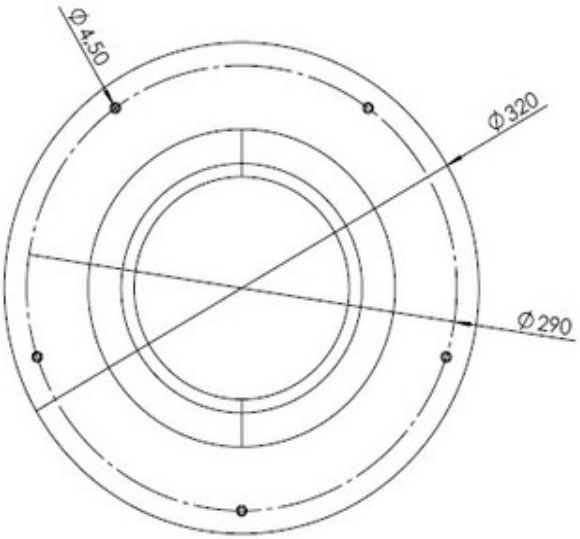
Others	
Luminous Flux Maintenance	**L80 50000h**
Driver Lifespan	**100000**
Packaging Dimensions	**360x360x140mm - 3.5kg**
International standard compliance	**EN 60598-1; EN60598-2-2; EN60598-2-22; EN62471 + IEC TR 62778; EN55015; EN61000-3-2; EN61000-3-3; EN 50581**
Eancode	**8019282581048**
Insulation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

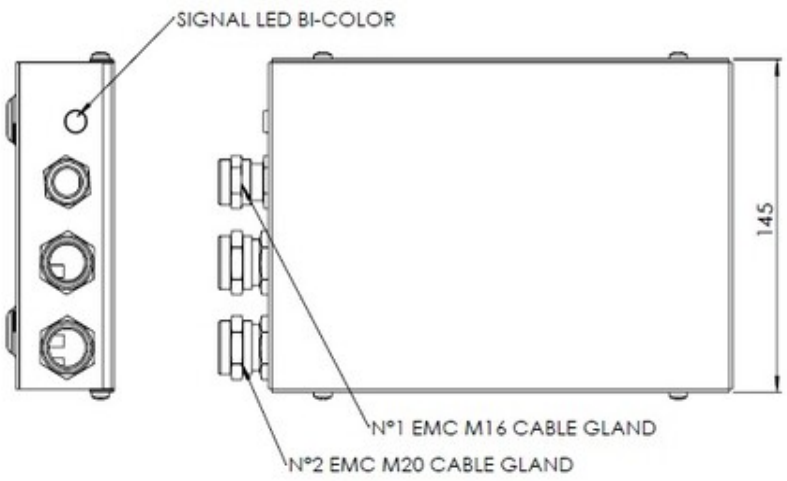
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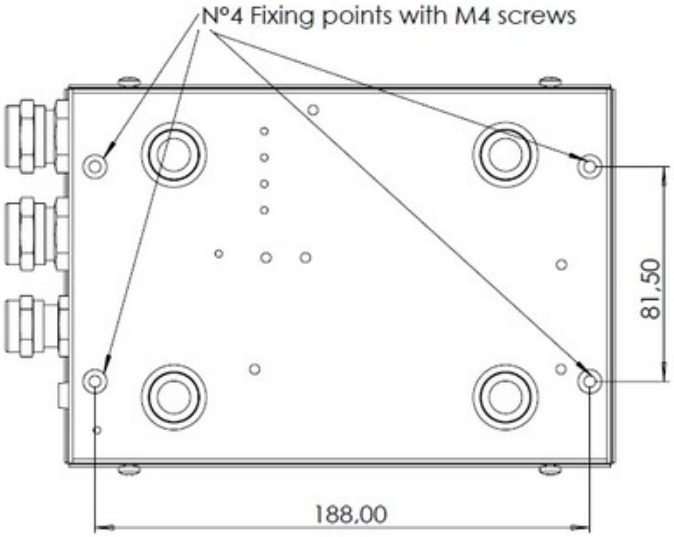
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Pressacavi EMC – EMC cable gland

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.

