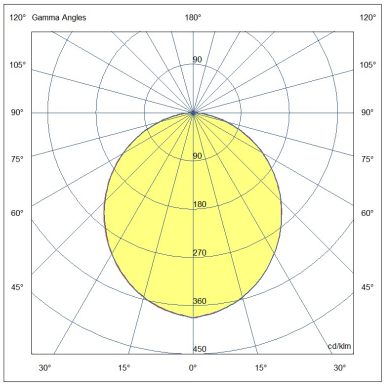
**Fabas Luce S.p.a.**
Via Luigi Talamoni 75,
20861 BRUGHERIO MB - ITALY
Tel. +39 039 890691
Fax. +39 039 2142208
info@fabasluce.it - www.fabasluce.it






## PSAR2 EM B 20W WW 3h

# 6823-02-555

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. 3 hours autonomy. Normal operation with on and off with a switch on the power line. External green LED indicator for power and charged battery and test button on a unit separate from the lamp housing. 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 | **2522 lm** |
| Item Lumen | **1952 lm** |
| Light Source Efficiency | **141 lm/W @85°C** |
| Item Efficiency | **85 lm/W @85°C** |
| Color Temperature | **White 3000K** |
| Optics | **Opal** |
| Minimum CRI | **80** |
| SDCM | **3 STEP** |
| Photobiological Risk | **RG0** |
| Emergency Function | **YES, 3h - 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** |
| Control System | **On/Off** |
| 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 | **Aluminum frame and polycarbonate** |
| Housing color | **White RAL 9010** |
| IP | **IP44 Front side** |
| Diffuser / Protective shield | **Opal policarbonate** |
| Mounting | **Recessed** |
| Hole dimension | **180** |
| Cable | **Max distance between driver and ceiling light: 2m** |
| Operating ambient temperature | **0°C / +45°C** |
| Storage ambient temperature | **12 mesi +5°C / +25°C** |
| Item Dimensions | **55mm Ø207mm - 1,5kg** |

| Others | |
|---|---|
| Luminous Flux Maintenance | **L80 50000h** |
| Driver Lifespan | **100000** |
| Packaging Dimensions | **2.5kg** |
| 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 | **8019282564478** |
| Insulation Class | **CL2** |

CE

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