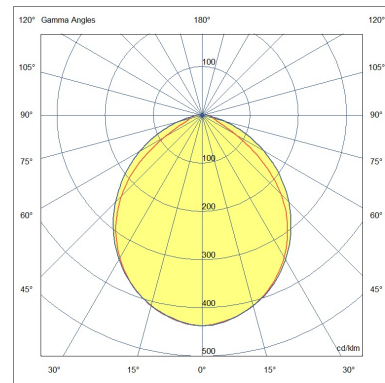




PEX

**6807-54-016**

Explosion proof with 2 Cable Glands (not included) - Direct input 24 V DC Installation hazardous areas: Zone 1/2 (Gases) - Zone 21/22 (Dusts)  
Classifications GROUP II - Category 2G/2D II 2 G Ex db IIB+H2 T5 Gb - II 2 D Ex tb IIIC T100°C Db

| Lighting features       |                       |
|-------------------------|-----------------------|
| LED Characteristics     | <b>SMD</b>            |
| Number of LEDs          | <b>60</b>             |
| Light Source Lumen      | <b>3000 lm</b>        |
| Item Lumen              | <b>2040 lm</b>        |
| Light Source Efficiency | <b>155 lm/W @85°C</b> |
| Item Efficiency         | <b>89 lm/W @85°C</b>  |
| Color Temperature       | <b>White 4000K</b>    |
| Optics                  | <b>120°</b>           |
| Minimum CRI             | <b>&gt; 80</b>        |
| Photobiological Risk    | <b>RG0</b>            |
| Energy Efficiency Class | <b>A++ D</b>          |

| Electrical features  |                                   |
|----------------------|-----------------------------------|
| Input Voltage        | <b>24V DC (min.21V / max.56V)</b> |
| Total Absorbed Power | <b>19W</b>                        |
| Control System       | <b>On/Off</b>                     |
| Driver               | <b>Included</b>                   |
| Power Supply Type    | <b>Costant Current</b>            |
| Driver Output        | <b>1000mA</b>                     |
| Driver Input         | <b>24VDC</b>                      |
| Driver Protection    | <b>Mains surge 3Kv</b>            |
| Through-Wiring       | <b>Yes, in the lamp</b>           |

| Mechanical features                   |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| Housing material                      | <b>Marine grade copper free alluminium</b>                               |
| Surface treatment                     | <b>External epoxy powders</b>                                            |
| Housing color                         | <b>White RAL 9010</b>                                                    |
| IP                                    | <b>IP66</b>                                                              |
| MIL-S 9001D Grade A- Class I – Type A | <b>SI</b>                                                                |
| Diffuser / Protective shield          | <b>High temperature resistant borosilicate glass</b>                     |
| Mounting                              | <b>With stainless steel brackets AISI 316L; fixing with 4 M10 screws</b> |
| Operating ambient temperature         | <b>-40°C / +55°C</b>                                                     |
| Storage ambient temperature           | <b>-40°C / +85°C</b>                                                     |
| Item Dimensions                       | <b>198x136x380mm - 8,6kg</b>                                             |

| Others                            |                                                                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Luminous Flux Maintenance         | <b>L80 100000h</b>                                                                                                                               |
| Packaging Dimensions              | <b>9.2kg</b>                                                                                                                                     |
| International standard compliance | <b>EN 60598-1; EN 60598-2-1; IEC 60092-306; IEC 60533; EN 62471 + TR62778; EN50581; EN 60079-0; EN60079-1; EN60079-7; EN60079-28; EN60079-31</b> |
| Eancode                           | <b>8019282543770</b>                                                                                                                             |
| Made In                           | <b>Italy</b>                                                                                                                                     |
| Insulation Class                  | <b>III<br/>CL3</b>                                                                                                                               |



