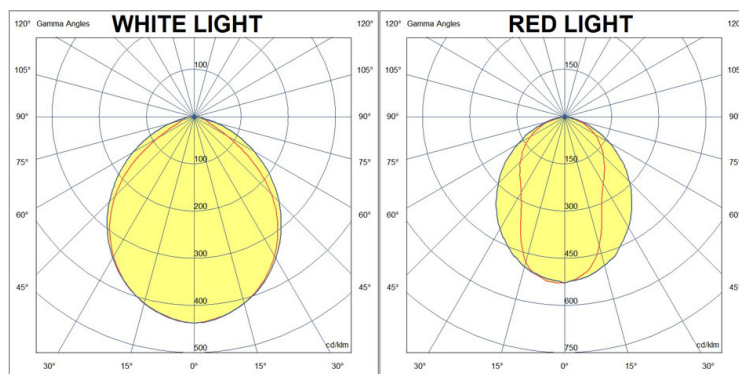




## PEX CR

# 6807-54-009

EX white + RED LED light fixture in Explosion proof housing with four 1/2" NTP threaded holes for EX cable glands (not included) 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       |                                                                                     |                                                     |
|-------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------|
|                         | Light Source 1                                                                      | Light Source 2                                      |
| LED Characteristics     | <b>SMD</b>                                                                          | <b>SMD</b>                                          |
| Number of LEDs          | <b>60</b>                                                                           | <b>36</b>                                           |
| Light Source Lumen      | <b>3000 lm</b>                                                                      |                                                     |
| Item Lumen              | <b>2040 lm</b>                                                                      | <b>52 lm</b>                                        |
| Light Source Efficiency | <b>155 lm/W @85°C</b>                                                               |                                                     |
| Item Efficiency         | <b>89 lm/W @85°C</b>                                                                | <b>11 lm/W @85°C</b>                                |
| Color Temperature       | <b>White 4000K</b>                                                                  | <b>Red Dominant Wavelength: &gt;619nm &lt;625nm</b> |
| Optics                  | <b>120°</b>                                                                         | <b>120°</b>                                         |
| Minimum CRI             | <b>&gt; 80</b>                                                                      |                                                     |
| Photobiological Risk    | <b>RG0</b>                                                                          | <b>RG0</b>                                          |
| Energy Efficiency Class |  |                                                     |

| Electrical features  |                                        |                             |
|----------------------|----------------------------------------|-----------------------------|
|                      | Electrical specifications 1            | Electrical specifications 2 |
| Input Voltage        | <b>100/240V AC 50/60Hz</b>             | <b>100/240V AC 50/60Hz</b>  |
| Total Absorbed Power | <b>23W</b>                             | <b>5W</b>                   |
| Power Factor         | <b>&gt; 0,9</b>                        | <b>0,4C</b>                 |
| Control System       | <b>On/Off</b>                          | <b>On/Off</b>               |
| Driver               | <b>Included</b>                        | <b>Included</b>             |
| Power Supply Type    | <b>Costant Current</b>                 | <b>Costant Voltage</b>      |
| Driver Output        | <b>1050mA</b>                          | <b>24VDC</b>                |
| Driver Input         | <b>100-240V~ 50/60Hz</b>               | <b>100/240V~ 50/60Hz</b>    |
| Driver Protection    | <b>Mains surge 4kV; (L/N - PE) 6KV</b> | <b>Mains surge 2Kv</b>      |
| Through-Wiring       | <b>Yes, in the lamp</b>                | <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>Hight temperature resistant borosylicate glass</b>                    |
| Mounting                              | <b>With stainless steel brackets AISI 316L; fixing with 4 M10 screws</b> |
| Operating ambient temperature         | <b>-30°C / +55°C</b>                                                     |
| Storage ambient temperature           | <b>-30°C / +85°C</b>                                                     |
| Item Dimensions                       | <b>198x136x380mm - 8,6kg</b>                                             |

| Others                            |                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Luminous Flux Maintenance         | <b>L80 100000h</b>                                                                                                                      |
| Driver Lifespan                   | <b>110000h</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; EN 60079-0; EN60079-1; EN60079-7; EN60079-28; EN60079-31</b> |
| Eancode                           | <b>8019282518594</b>                                                                                                                    |
| Made In                           | <b>Italy</b>                                                                                                                            |
| Insulation Class                  | <br><b>CL1</b>                                     |



