



## TVE-CRI

# 6868-84-004

White + Red independent LED lights in the same fixture. Switch on the fixture for light color selection

| 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>3250 lm</b>                                                                      |                                                         |
| Item Lumen              | <b>2645 lm</b>                                                                      | <b>105 lm</b>                                           |
| Light Source Efficiency | <b>185 lm/W @85°C</b>                                                               |                                                         |
| Item Efficiency         | <b>120 lm/W @85°C</b>                                                               | <b>20 lm/W @85°C</b>                                    |
| Color Temperature       | <b>White 4000K</b>                                                                  | <b>Red Dominant Wavelength:<br/>&gt;619nm &lt;625nm</b> |
| Optics                  | <b>180°</b>                                                                         | <b>180°</b>                                             |
| Typical CRI             | <b>85</b>                                                                           |                                                         |
| Minimum CRI             | <b>80</b>                                                                           |                                                         |
| SDCM                    | <b>3 STEP</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>22W</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 1kV</b>          | <b>Mains surge 2Kv</b>          |
| Through-Wiring       | <b>Yes, in the junction box</b> | <b>Yes, in the junction box</b> |

| Mechanical features                   |                                                                       |
|---------------------------------------|-----------------------------------------------------------------------|
| Housing material                      | <b>Die-cast aluminum copper free EN AB 44100</b>                      |
| Surface treatment                     | <b>Polyester Painting</b>                                             |
| Housing color                         | <b>Blue RAL 5011</b>                                                  |
| IP                                    | <b>IP66</b>                                                           |
| IK                                    | <b>10</b>                                                             |
| MIL-S 9001D Grade A- Class I – Type A | <b>SI</b>                                                             |
| Diffuser / Protective shield          | <b>Opal polycarbonate flame rating V0 (UL94), UV resistant</b>        |
| Cable gland, cable Ø min-max          | <b>N°4 PG M20x1.5, Øext. cable: min 6mm - max 12mm</b>                |
| Mounting                              | <b>With stainless steel brackets AISI 316L; fixing with M8 screws</b> |
| Corrosion category                    | <b>Salt Spray Resistance ASTM B117 &gt;1500 hours</b>                 |
| Operating ambient temperature         | <b>-25°C / +55°C</b>                                                  |
| Storage ambient temperature           | <b>-25°C / +85°C</b>                                                  |
| Item Dimensions                       | <b>400x100x171mm - 2,40kg</b>                                         |

| Others                            |                                                                                                                              |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Luminous Flux Maintenance         | <b>L80 100000h</b>                                                                                                           |
| Driver Lifespan                   | <b>100000h</b>                                                                                                               |
| Packaging Dimensions              | <b>490x130x190mm - 2.5kg</b>                                                                                                 |
| International standard compliance | <b>EN 60598-1; EN 60598-2-1; IEC 60092-306; IEC 60533; EN 62471 + TR62778; EN55015; EN 61547-1; EN61000-3-2; EN61000-3-3</b> |
| Eancode                           | <b>8019282106975</b>                                                                                                         |
| Made In                           | <b>Italy</b>                                                                                                                 |
| Insulation Class                  | <br><b>CL1</b>                          |

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