



## TVE DIM

# 6868-54-002

Multipurpose lamp for technical areas DIMMABLE with rotative potentiometer on fixture housing

| Lighting features       |                                                                                     | Mechanical features                   |                                                                                                                        |
|-------------------------|-------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| LED Characteristics     | <b>SMD</b>                                                                          | Housing material                      | <b>Die-cast aluminum copper free EN AB 44100</b>                                                                       |
| Number of LEDs          | <b>60</b>                                                                           | Surface treatment                     | <b>Polyester Painting</b>                                                                                              |
| Light Source Lumen      | <b>3250 lm</b>                                                                      | Housing color                         | <b>White RAL 9010</b>                                                                                                  |
| Item Lumen              | <b>2645 lm</b>                                                                      | IP                                    | <b>IP66</b>                                                                                                            |
| Light Source Efficiency | <b>185 lm/W @85°C</b>                                                               | IK                                    | <b>10</b>                                                                                                              |
| Item Efficiency         | <b>120 lm/W @85°C</b>                                                               | MIL-S 9001D Grade A- Class I – Type A | <b>SI</b>                                                                                                              |
| Color Temperature       | <b>White 4000K</b>                                                                  | Diffuser / Protective shield          | <b>Opal polycarbonate flame rating V0 (UL94), UV resistant</b>                                                         |
| Optics                  | <b>180°</b>                                                                         | Cable gland, cable Ø min-max          | <b>N°2 PG M20x1.5, Øext. cable: min 6mm - max 12mm</b>                                                                 |
| Typical CRI             | <b>85</b>                                                                           | Mounting                              | <b>With stainless steel brackets AISI 316L; fixing with M8 screws</b>                                                  |
| Minimum CRI             | <b>80</b>                                                                           | Corrosion category                    | <b>Salt Spray Resistance ASTM B117 &gt;1500 hours</b>                                                                  |
| SDCM                    | <b>3 STEP</b>                                                                       | Operating ambient temperature         | <b>-25°C / +55°C</b>                                                                                                   |
| Photobiological Risk    | <b>RG0</b>                                                                          | Storage ambient temperature           | <b>-25°C / +85°C</b>                                                                                                   |
| Energy Efficiency Class |  | Item Dimensions                       | <b>400x100x171mm - 2,40kg</b>                                                                                          |
| Electrical features     |                                                                                     | Others                                |                                                                                                                        |
| Input Voltage           | <b>100/240V AC 50/60Hz</b>                                                          | Luminous Flux Maintenance             | <b>L80 100000h</b>                                                                                                     |
| Total Absorbed Power    | <b>22W</b>                                                                          | Driver Lifespan                       | <b>100000h</b>                                                                                                         |
| Power Factor            | <b>&gt; 0,9</b>                                                                     | Packaging Dimensions                  | <b>490x130x190mm - 2.5kg</b>                                                                                           |
| Control System          | <b>With potentiometer on fixture 10-100%</b>                                        | International standard compliance     | <b>EN60598-1; EN60598-2-1; IEC60092-306; IEC60533; EN62471 + TR62778; EN55015; EN61547-1; EN61000-3-2; EN61000-3-3</b> |
| Driver                  | <b>Included</b>                                                                     | Eancode                               | <b>8019282101482</b>                                                                                                   |
| Power Supply Type       | <b>Costant Current</b>                                                              | Made In                               | <b>Italy</b>                                                                                                           |
| Driver Output           | <b>1050mA</b>                                                                       | Insulation Class                      | <br><b>CL1</b>                    |
| Driver Input            | <b>100/240V~ 50/60Hz</b>                                                            |                                       |                                                                                                                        |
| Driver Protection       | <b>Mains surge 1kV</b>                                                              |                                       |                                                                                                                        |
| Through-Wiring          | <b>Yes, in the junction box</b>                                                     |                                       |                                                                                                                        |



