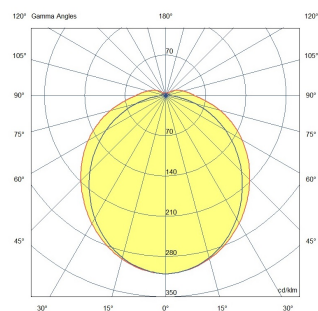




## TGL 6869-54-001

HIGH POWER multipurpose white LED light fixture for inside and outside technical areas. Housing white RAL 9010

| Lighting features       |                       |
|-------------------------|-----------------------|
| LED Characteristics     | <b>SMD</b>            |
| Number of LEDs          | <b>120</b>            |
| Light Source Lumen      | <b>5400 lm</b>        |
| Item Lumen              | <b>4560 lm</b>        |
| Light Source Efficiency | <b>180 lm/W @85°C</b> |
| Item Efficiency         | <b>130 lm/W @85°C</b> |
| Color Temperature       | <b>White 4000K</b>    |
| Optics                  | <b>180°</b>           |
| Typical CRI             | <b>85</b>             |
| Minimum CRI             | <b>80</b>             |
| SDCM                    | <b>3 STEP</b>         |
| Photobiological Risk    | <b>RG0</b>            |
| Energy Efficiency Class | <b>A</b>              |

| Electrical features  |                                        |
|----------------------|----------------------------------------|
| Input Voltage        | <b>100/240V AC 50/60Hz</b>             |
| Total Absorbed Power | <b>35W</b>                             |
| Power Factor         | <b>&gt; 0,9</b>                        |
| Control System       | <b>On/Off</b>                          |
| Driver               | <b>Included</b>                        |
| Power Supply Type    | <b>Costant Current</b>                 |
| Driver Output        | <b>1750mA</b>                          |
| Driver Input         | <b>100/240V~ 50/60Hz</b>               |
| Driver Protection    | <b>Mains surge 4kV; (L/N - PE) 6KV</b> |
| Through-Wiring       | <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>White RAL 9010</b>                                                 |
| IP                                    | <b>IP66 / IP67</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°2 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>-40°C / +55°C</b>                                                  |
| Storage ambient temperature           | <b>-40°C / +85°C</b>                                                  |
| Item Dimensions                       | <b>400x100x171mm - 2,80kg</b>                                         |

| Others                            |                                                                                                                        |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Luminous Flux Maintenance         | <b>L80 100000h</b>                                                                                                     |
| Driver Lifespan                   | <b>110000</b>                                                                                                          |
| Packaging Dimensions              | <b>490x130x190mm - 2.9kg</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> |
| Eancode                           | <b>8019282101574</b>                                                                                                   |
| Made In                           | <b>Italy</b>                                                                                                           |
| Insulation Class                  | <b>CL1</b>                                                                                                             |



