



**TON 100**  
**6942-54-724**

Powerful and robust LED floodlight - Compact and low weight housing One lens for each LED assure intense and precise light beam

| Lighting features       |   |
|-------------------------|---|
| LED Characteristics     | <b>Power LED</b>  |
| Number of LEDs          | <b>12</b>   |
| Light Source Lumen      | <b>12840 lm</b>   |
| Item Lumen              | <b>12075 lm</b>   |
| Light Source Efficiency | <b>135 lm/W @85°C</b>   |
| Item Efficiency         | <b>115 lm/W @85°C</b>   |
| Color Temperature       | <b>White 4000K</b>  |
| Optics                  | <b>90°</b>  |
| Minimum CRI             | <b>80</b>   |
| SDCM                    | <b>3 STEP</b>   |
| Photobiological Risk    | <b>RG1</b>  |
| Energy Efficiency Class |  |

| Electrical features  |   |
|----------------------|---|
| Input Voltage        | <b>220/240V AC 50/60Hz</b>              |
| Total Absorbed Power | <b>105W</b>                             |
| Power Factor         | <b>&gt; 0,95</b>                        |
| Driver               | <b>Included</b>                         |
| Power Supply Type    | <b>Constant Current</b>                 |
| Driver Output        | <b>700mA</b>                            |
| Driver Input         | <b>100/240V- 50/60Hz</b>                |
| Driver Protection    | <b>Mains surge 6kV; (L/N - PE) 10kV</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 9016</b>   |
| IP                                    | <b>IP66 / IP67</b>  |
| IK                                    | <b>07</b>   |
| MIL-S 9001D Grade A- Class I – Type A | <b>SI</b>   |
| Diffuser / Protective shield          | <b>Extra-clear tempered glass, 4mm thick</b>                            |
| Cable gland, cable Ø min-max          | <b>M20x1.5 nickel plated brass - Ø cable: min. 7mm - max. 15mm</b>      |
| Mounting                              | <b>With stainless steel bracket AISI 316L; fixing with 2 M12 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 / +80°C</b>  |
| Item Dimensions                       | <b>370x142x319mm - 8,5kg</b>  |

| Others                            |  |
|-----------------------------------|--|
| Luminous Flux Maintenance         | <b>L80 100000h</b>   |
| Driver Lifespan                   | <b>100000h</b>   |
| Packaging Dimensions              | <b>470x180x470mm - 9.5kg</b>   |
| International standard compliance | <b>EN 60598-1; EN 60598-2-5; Lloyd's Register:2020 + Notice 2021; EN 62471 + IEC TR 62778; EN IEC 63000:2018</b> |
| Eancode                           | <b>8019282570813</b>   |
| Made In                           | <b>Italy</b>   |
| Insulation Class                  |                             |

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