

# TYTAN STEEL LED RAPID 1188MM 8300LM 840 IP66 LS2 120D 50W

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |              |
|------------------------------------|--------------|
| Index:                             | 192791       |
| Ingress protection:                | IP66         |
| Impact resistance:                 | IK06         |
| Rated power of the luminaire [W]*: | 50           |
| Luminous flux [lm]*:               | 8300         |
| Colour temperature [K]:            | 4000         |
| Material of the body:              | coated steel |
| Colour of the body:                | white        |
| Diffuser material:                 | PC           |
| Diffuser type:                     | matrix led   |

## CHARACTERISTICS

Tytan Steel LED reflects an innovative approach to classic hermetic luminaires, combining functionality with aesthetics. All the technical advantages of traditional hermetic luminaires have been enclosed in an elegant, low profile, giving the lamp a modern design. Thanks to its advanced optics, Tytan Steel LED is suitable for both the simplest applications and demanding industrial solutions. The product is exceptionally easy to install and has low purchase and operating costs (169 lm/W). The **RAPID** designation indicates even faster installation (compared to classic, openable hermetic luminaires) thanks to a 0.6 m long cable leading directly from the luminaire and terminated with a sealed quick connector. This allows the power supply to be connected without opening the lamp. At the same time, the luminaire can still be opened for servicing. Through-wired versions have two cables of the same design. The reliable components used in the lamp minimise the need for servicing. The Tytan Steel LED lamp is made of steel, which ensures its exceptional durability, and thanks to its U-shaped profile design, it retains the lightness characteristic of plastic luminaires, which facilitates installation and does not burden the supporting structures. Tytan Steel LED is an optimal combination of functionality and economy, ideal for a wide range of applications.

## APPLICATION

The multi-purpose LED lamp is designed for use in areas with high dust and water resistance requirements. It is particularly recommended for lighting industrial and warehouse halls, garages, car parks (underground and multi-storey), public facilities, including hospitals, educational and childcare facilities, commercial and service facilities, transport terminals and underground passages. The lamp is ideal for new lighting applications as well as for replacing traditional fluorescent luminaires with energy-efficient LED solutions. Its design is suitable for surface-mounted and suspended installation.

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## TECHNICAL PARAMETERS TABLE

|  |               |                                     |   |
|--|---------------|-------------------------------------|---|
| <b>Index:</b>                            | 192791        | <b>Diffuser type:</b>               | matrix led  |
| <b>EAN:</b>                              | 5905963192791 | <b>Material of the body:</b>        | coated steel  |
| <b>Light source:</b>                     | LED module    | <b>Colour of the body:</b>          | white   |
| <b>Rated power of the luminaire [W]:</b> | 50            | <b>Dimensions (H/W/T/S) [mm]:</b>   | 1188/57/45  |
| <b>Luminous flux [lm]:</b>               | 8300          | <b>Mounting dimensions [mm]:</b>    | 520   |
| <b>Supply voltage [V]:</b>               | 220-240       | <b>Impact resistance:</b>           | IK06  |
| <b>Frequency [Hz]:</b>                   | 50-60         | <b>Ingress protection:</b>          | IP66  |
| <b>Luminous efficacy [lm/W]:</b>         | 166           | <b>Mounting version:</b>            | surface, suspended  |
| <b>Energy efficiency class:</b>          | B             | <b>Working temperature [°C]:</b>    | from +35 to -20   |
| <b>Electrical protection class:</b>      | I             | <b>Number on the palette [pcs]:</b> | 110   |
| <b>Colour temperature [K]:</b>           | 4000          | <b>Net weight [kg]:</b>             | 1.500   |
| <b>Color rendering index (Ra) &gt;:</b>  | 80            | <b>Light distribution type:</b>     | symmetric   |
| <b>SDCM:</b>                             | 3             | <b>Photobiological safety:</b>      | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| <b>LED lifespan L70B50 [h]:</b>          | 140000        | <b>Warranty [years]:</b>            | 5   |
| <b>LED lifespan L80B20 [h]:</b>          | 88000         | <b>CE certificate:</b>              | <a href="#">159/2025</a>  |
| <b>LED lifespan L90B10 [h]:</b>          | 42000         | <b>Manual:</b>                      | <a href="#">Download PDF</a>  |
| <b>Beam angle [°]:</b>                   | 120           | <b>Wire type:</b>                   | 5x1.5   |
| <b>Surge protection [kV]:</b>            | 2             | <b>Through wiring:</b>              | LS2   |
| <b>Diffuser material:</b>                | PC            | <b>Plik LDT:</b>                    | <a href="#">Download</a>  |

Card creation date: 09 January 2026

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 159/2025