

# TYTAN STEEL LED 1188MM 6500LM 840 IP65 120D 40W

DETAILED CARD



## TECHNICAL PARAMETERS

|   |              |
|---|--------------|
| <b>Index:</b>                             | 596490       |
| <b>Ingress protection:</b>                | IP65         |
| <b>Impact resistance:</b>                 | IK06         |
| <b>Rated power of the luminaire [W]*:</b> | 40           |
| <b>Luminous flux [lm]*:</b>               | 6500         |
| <b>Colour temperature [K]:</b>            | 4000         |
| <b>Material of the body:</b>              | coated steel |
| <b>Colour of the body:</b>                | white        |
| <b>Diffuser material:</b>                 | PC           |
| <b>Diffuser type:</b>                     | matrix led   |

## CHARACTERISTICS

Tytan Steel LED is an innovative approach to the classic hermetic luminaire. All the technical advantages of the classic hermetic, enclosed in a low profile with an elegant and modern look, are complemented by advanced optics, which make TYTAN STEEL a multi-purpose luminaire. From the simplest applications to the most complex industrial solutions. If we add to this very quick assembly, low cost of purchase, operation (169 lm / W), services (failure-free components), we get an optimal solution in terms of economy and functionality. The U-shaped steel profile provides all the advantages resulting from the use of a metal housing, while maintaining the lightness of a plastic luminaire.

## APPLICATION

The multi-purpose LED lamp is designed for use in areas with high dust- and water-tightness requirements. It is particularly recommended for the illumination of public facilities including educational and hospital buildings, halls, garages, passageways, warehouses, shops, in commercial and service facilities, industrial facilities (factories, laboratories), warehouses, car parks (underground and multi-storey), sports stadiums, transport terminals and passage subways. The lamp is ideal for new lighting applications as well as replacing traditional fluorescent luminaires with energy-efficient LED solutions. Its design is suitable for surface-mounted and suspended installation.

# TYTAN STEEL LED 1188MM 6500LM 840 IP65 120D 40W

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |   |
|-----------------------------------|---------------|------------------------------|---|
| Index:                            | 596490        | Diffuser material:           | PC  |
| EAN:                              | 5905963596490 | Diffuser type:               | matrix led  |
| Light source:                     | LED module    | Material of the body:        | coated steel  |
| Rated power of the luminaire [W]: | 40            | Colour of the body:          | white   |
| Luminous flux [lm]:               | 6500          | Remarks:                     | RAL9010   |
| Supply voltage [V]:               | 220-240       | Dimensions (H/W/T/S) [mm]:   | 1188/57/45  |
| Frequency [Hz]:                   | 50-60         | Mounting dimensions [mm]:    | 520   |
| Luminous efficacy [lm/W]:         | 163           | Impact resistance:           | IK06  |
| Energy efficiency class:          | B             | Ingress protection:          | IP65  |
| Electrical protection class:      | I             | Mounting version:            | surface, suspended  |
| Colour temperature [K]:           | 4000          | Number on the palette [pcs]: | 110   |
| Colour rendering index:           | >80           | Net weight [kg]:             | 1.350   |
| SDCM:                             | ≤ 3           | Light distribution type:     | symmetric   |
| LED lifespan L70B50 [h]:          | 140000        | Photobiological safety:      | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| LED lifespan L80B20 [h]:          | 88000         | Warranty [years]:            | 5   |
| LED lifespan L90B10 [h]:          | 42000         | CE certificate:              | <a href="#">86/2024</a>   |
| Beam angle [°]:                   | 120           | Manual:                      | Download PDF  |
| Surge protection [kV]:            | 2             |                              |   |

## LIGHT CURVES



Card creation date: 25 September 2024

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: 86/2024



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl