# TYTAN STEEL LED PRO 1188MM 14050LM 840 IP66 105D 80W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 595448 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK06 |
| **Rated power of the luminaire [W]*:** | 80 |
| **Luminous flux [lm]*:** | 14050 |
| **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 Pro is an innovative solution in the category of classic hermetic luminaires, combining functionality with modern design. All the technical advantages of a traditional hermetic are enclosed in an elegant, low-profile housing, enriched with advanced optics that make the Tytan Steel LED Pro a versatile luminaire. It will prove its worth in both the simplest applications and advanced industrial solutions. The product is distinguished by very fast installation and low purchase and operating costs (192 lm/W). The reliable components used in the lamp minimise the need for servicing. The Tytan Steel LED Pro lamp is made of steel for exceptional durability and, thanks to its U-shaped profile design, retains the lightness typical of plastic luminaires, making it easy to install and not weighing down load-bearing structures. Tytan Steel LED Pro is the ideal economic and functional solution for a wide range of applications.

## APPLICATION

The multi-purpose LED luminaire is designed for use in areas with high dust- and water-tightness requirements.  It is particularly recommended for the illumination of industrial and warehouse halls, garages, car parks (underground and multi-storey), public facilities including hospitals, educational and educational facilities, retail and service facilities, transport terminals and underground passages. 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.

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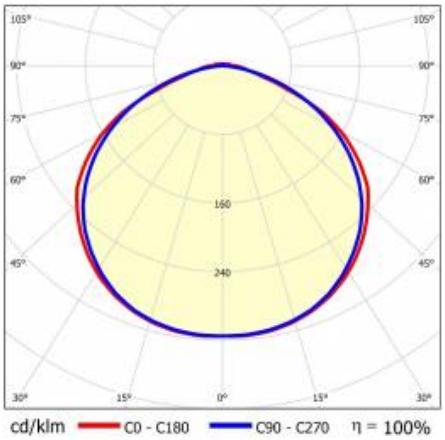
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 595448 |
| **EAN:** | 5905963595448 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 80 |
| **Luminous flux [lm]:** | 14050 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous efficacy [lm/W]:** | 176 |
| **Energy efficiency class:** | B |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **LED lifespan L70B50 [h]:** | 140000 |
| **LED lifespan L80B10 [h]:** | 88000 |
| **LED lifespan L90B10 [h]:** | 42000 |
| **Surge protection [kV]:** | 2 |
| **Diffuser material:** | PC |
| **Diffuser type:** | matrix led |
| **Material of the body:** | coated steel |

| | |
|---|---|
| **Colour of the body:** | white |
| **Remarks:** | RAL9010 |
| **Dimensions (H/W/T/S) [mm]:** | 1188/57/45 |
| **Mounting dimensions [mm]:** | 520 |
| **Impact resistance:** | IK06 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | surface, suspended |
| **Number on the palette [pcs]:** | 110 |
| **Net weight [kg]:** | 1.300 |
| **Beam angle [°]:** | 105 |
| **Light distribution type:** | symmetric |
| **Working temperature [°C]:** | from -20 to +35 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 140/2025 |
| **ENEC Certificate:** | 0470/ENEC/26 |
| **Environmental Product Declaration (EPD):** | 869/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES

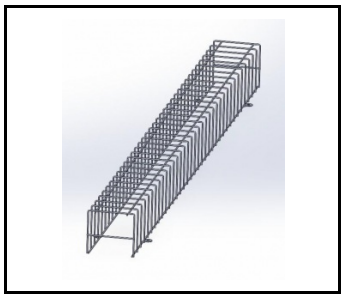


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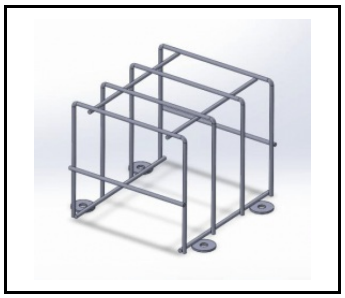
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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 598906 | Tytan Steel protection grid 1188mm RAL9003 |
| 598913 | Protection grid Sensor Hytronik HIM84 RAL 9003 |
| 598432 | Tytan Steel – suspension kit (2 cables, 1.25 m, with ceiling brackets) |



Tytan Steel protection grid 1188mm RAL9003 (598906)



Protection grid Sensor Hytronik HIM84 RAL 9003 (598913)

Card creation date: 04 November 2025

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 140/2025

LENA LIGHTING

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