# TYTAN STEEL LED PRO RAPID 600MM 6450LM 840 IP66 SW MAT R2 40W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 220142/2 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK06 |
| **Rated power of the luminaire [W]*:** | 40 |
| **Luminous flux [lm]*:** | 6450 |
| **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 RAPID is an innovative solution in the category of classic hermetic luminaires, combining functionality with modern design. All the technical advantages of a traditional hermetic luminaire are enclosed in an elegant, low-profile housing, enhanced with advanced optics, which make Tytan Steel LED Pro RAPID a versatile luminaire. It is suitable for both the simplest applications and advanced industrial solutions. The product is distinguished by its very quick installation and low purchase and operating costs (192 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 Pro Rapid 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 Pro Rapid is the ideal economical and functional solution for a wide range of applications.
UGR < 19
Unified Glare Rating is an indicator of glare. The lower the Unified Glare Rating (UGR), the lower the glare.

## 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.

# TYTAN STEEL LED PRO RAPID 600MM 6450LM 840 IP66 SW MAT R2 40W

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 220142/2 |
| **EAN:** | 5905963022562 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 40 |
| **Luminous flux [lm]:** | 6450 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous efficacy [lm/W]:** | 161 |
| **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 |
| **Beam angle [°]:** | 90 |
| **Surge protection [kV]:** | 2 |
| **Diffuser material:** | PC |
| **Diffuser type:** | matrix led |

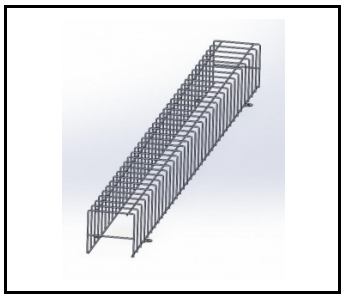
| | |
|---|---|
| **Material of the body:** | coated steel |
| **Colour of the body:** | white |
| **Dimensions (H/W/T/S) [mm]:** | 600/57/45 |
| **Mounting dimensions [mm]:** | 520 |
| **Impact resistance:** | IK06 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | surface, suspended |
| **Working temperature [°C]:** | from -20 to +35 |
| **Number on the palette [pcs]:** | 165 |
| **Net weight [kg]:** | 0.850 |
| **Light distribution type:** | SW MAT |
| **Optics:** | 2 rows |
| **Remarks:** | RAL9010 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 160/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

# TYTAN STEEL LED PRO RAPID 600MM 6450LM 840 IP66 SW MAT R2 40W

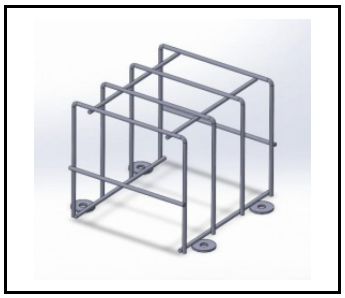
DETAILED CARD

## 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: 07 July 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 160/2025

LENA LIGHTING

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