# TYTAN STEEL LED 600MM 2950LM 840 IP65 LS2 105D 20W

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index: 598562

**Ingress protection:** IP65

Impact resistance: IK06

Rated power of the luminaire [W]\*: 20

Luminous flux [lm]\*: 2950

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 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 Im / 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 multistorey), 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.



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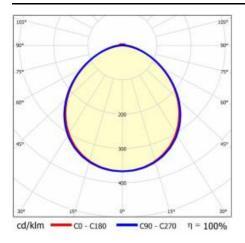
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Index:	598562
EAN:	5905963598562
Light source:	LED module
Rated power of the luminaire [W]:	20
Luminous flux [lm]:	2950
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	148
Energy efficiency class:	С
Electrical protection class:	1
Colour temperature [K]:	4000
Colour rendering index:	>80
SDCM:	≤3
LED lifespan L70B50 [h]:	140000
LED lifespan L80B20 [h]:	88000
LED lifespan L90B10 [h]:	42000
Beam angle [°]:	105
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]:	600/57/45
Mounting dimensions [mm]:	520
Impact resistance:	IK06
Ingress protection:	IP65
Mounting version:	surface, suspended
Wire type:	5x1,5
Through wiring:	LS2
Number on the palette [pcs]:	165
Net weight [kg]:	1
Light distribution type:	symmetric
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	86/2024
Manual:	Download PDF

## 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%

