

# TYTAN STEEL LED 1188MM 12000LM 840 IP65 LS2 120D 73W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	598685
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK06
<b>Rated power of the luminaire [W]*:</b>	73
<b>Luminous flux [lm]*:</b>	12000
<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.

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## TECHNICAL PARAMETERS TABLE

Index:	598685	Diffuser type:	matrix led
EAN:	5905963598685	Material of the body:	coated steel
Light source:	LED module	Colour of the body:	white
Rated power of the luminaire [W]:	73	Remarks:	RAL9010
Luminous flux [lm]:	12000	Dimensions (H/W/T/S) [mm]:	1188/57/45
Supply voltage [V]:	220-240	Mounting dimensions [mm]:	520
Frequency [Hz]:	50-60	Impact resistance:	IK06
Luminous efficacy [lm/W]:	164	Ingress protection:	IP65
Energy efficiency class:	B	Mounting version:	surface, suspended
Electrical protection class:	I	Wire type:	5x1,5
Colour temperature [K]:	4000	Through wiring:	LS2
Colour rendering index:	>80	Number on the palette [pcs]:	110
SDCM:	≤ 3	Net weight [kg]:	1.500
LED lifespan L70B50 [h]:	140000	Light distribution type:	symmetric
LED lifespan L80B20 [h]:	88000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L90B10 [h]:	42000	Warranty [years]:	5
Beam angle [°]:	120	CE certificate:	<a href="#">86/2024</a>
Surge protection [kV]:	2	Manual:	Download PDF
Diffuser material:	PC		

## 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



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