

TYTAN STEEL LED 600MM 3250LM 840 IP66 120D 20W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	596407
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	20
Luminous flux [lm]*:	3250
Colour temperature [K]:	4000
Material of the body:	coated steel
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	matrix led

CHARACTERISTICS

The Tytan Steel LED reflects an innovative approach to the classic hermetic luminaire that combines functionality with aesthetics. All the technical advantages of a traditional hermetic luminaire are encapsulated in a sleek, low profile, giving the lamp a modern design. Thanks to its advanced optics, the Tytan Steel LED will be suitable for both the simplest applications and demanding industrial solutions. The product is characterised by exceptional ease of installation, low purchase and operating costs (169 lm/W). The reliable components used in the lamp minimise the need for servicing. The Tytan Steel LED 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. The Tytan Steel LED is the optimum combination of functionality and economy, ideal 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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Index:	596407	Diffuser type:	matrix led
Colour temperature [K]:	4000	Material of the body:	coated steel
EAN:	5905963596407	Remarks:	RAL9010
Luminous flux [lm]:	3250	Dimensions (H/W/T/S) [mm]:	600/57/45
Light source:	LED module	Mounting dimensions [mm]:	520
Beam angle [°]:	120	Impact resistance:	IK06
Supply voltage [V]:	220-240	Ingress protection:	IP66
Light distribution type:	symmetric	Mounting version:	surface, suspended
Frequency [Hz]:	50-60	Number on the palette [pcs]:	165
Luminous efficacy [lm/W]:	163	Net weight [kg]:	0.850
Energy efficiency class:	B	Working temperature [°C]:	from +35 to -20
Electrical protection class:	I	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour rendering index:	>80	Warranty [years]:	5
SDCM:	≤ 3	CE certificate:	73/2025
LED lifespan L70B50 [h]:	140000	Manual:	Download PDF
LED lifespan L80B20 [h]:	88000	Plik LDT:	Download
LED lifespan L90B10 [h]:	42000		
Surge protection [kV]:	2		
Colour of the body:	white		

LIGHT CURVES



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ACCESSORIES AVAILABLE

index	Name
80001264	Tytan Steel protection grid 1188mm RAL9003
80001265	Protection grid Sensor Hytronik HIM84 RAL 9003
598432	Tytan Steel - suspension bracket (set)



Tytan Steel protection grid 1188mm
RAL9003 (80001264)



Protection grid Sensor Hytronik HIM84
RAL 9003 (80001265)

Card creation date:15 October 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 andelectronic waste equipment regulations (WEEE).



Certificate CE - Nr: 73/2025



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