

TYTAN STEEL LED 600MM 2950LM 840 IP66 DALI 105D 20W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	596575
Ingress protection:	IP66
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

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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TECHNICAL PARAMETERS TABLE

Index:	596575	Colour of the body:	white
EAN:	5905963596575	Remarks:	RAL9010
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	600/57/45
Rated power of the luminaire [W]:	20	Mounting dimensions [mm]:	520
Luminous flux [lm]:	2950	Impact resistance:	IK06
Supply voltage [V]:	220-240	Ingress protection:	IP66
Frequency [Hz]:	50-60	Mounting version:	surface, suspended
Luminous efficacy [lm/W]:	148	DIMM DALI:	yes
Energy efficiency class:	C	Number on the palette [pcs]:	165
Electrical protection class:	I	Net weight [kg]:	0.950
Colour temperature [K]:	4000	Light distribution type:	symmetric
Color rendering index (Ra) >:	80	Working temperature [°C]:	from +35 to -20
SDCM:	3	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L70B50 [h]:	140000	Warranty [years]:	5
LED lifespan L80B10 [h]:	88000	CE certificate:	73/2025
LED lifespan L90B10 [h]:	42000	ENEC Certificate:	0470/ENEC/26
Beam angle [°]:	105	Environmental Product Declaration (EPD):	869/2025
Surge protection [kV]:	2	Manual:	Download PDF
Diffuser material:	PC	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Diffuser type:	matrix led	Pliik LDT:	Download
Material of the body:	coated steel		

LIGHT CURVES



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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 bracket (set)



Tytan Steel protection grid 1188mm
RAL9003 (598906)




Protection grid Sensor Hytronik HIM84
RAL 9003 (598913)

Card creation date: 03 October 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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 73/2025