

TYTAN STEEL LED 600MM 2950LM 840 IP66 LS2 5P DALI 105D 20W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	598715
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:	598715	Material of the body:	coated steel
EAN:	5905963598715	Colour of the body:	white
Light source:	LED module	Remarks:	RAL9010
Rated power of the luminaire [W]:	20	Dimensions (H/W/T/S) [mm]:	600/57/45
Luminous flux [lm]:	2950	Mounting dimensions [mm]:	520
Supply voltage [V]:	220-240	Impact resistance:	IK06
Frequency [Hz]:	50-60	Ingress protection:	IP66
Luminous efficacy [lm/W]:	148	Mounting version:	surface, suspended
Energy efficiency class:	C	DIMM DALI:	yes
Electrical protection class:	I	Wire type:	5x1,5
Colour temperature [K]:	4000	Through wiring:	LS2
Colour rendering index:	80	Number on the palette [pcs]:	165
SDCM:	≤ 3	Net weight [kg]:	0.950
LED lifespan L70B50 [h]:	140000	Light distribution type:	symmetric
LED lifespan L80B20 [h]:	88000	Working temperature [°C]:	from +35 to -20
LED lifespan L90B10 [h]:	42000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Beam angle [°]:	105	Warranty [years]:	5
Surge protection [kV]:	2	CE certificate:	73/2025
Diffuser material:	PC	Manual:	Download PDF
Diffuser type:	matrix led	Plik LDT:	Download

LIGHT CURVES

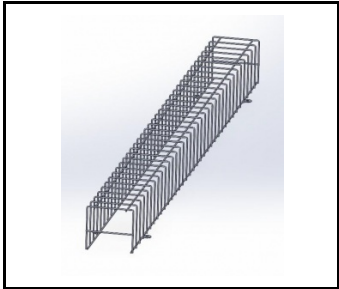


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ACCESSORIES AVAILABLE

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