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.

LENA LIGHTING

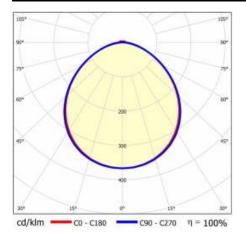# TYTAN STEEL LED 600MM 2950LM 840 IP66 DALI 105D 20W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	596575	Diffuser type:	matrix led
EAN:	5905963596575	Material of the body:	coated steel
Light source:	LED module	Colour of the body:	white
Rated power of the luminaire [W]:	20	Remarks:	RAL9010
Luminous flux [lm]:	2950	Dimensions (H/W/T/S) [mm]:	600/57/45
Supply voltage [V]:	220-240	Mounting dimensions [mm]:	520
Frequency [Hz]:	50-60	Impact resistance:	IK06
Luminous efficacy [lm/W]:	148	Ingress protection:	IP66
Energy efficiency class:	C	Mounting version:	surface, suspended
Electrical protection class:	I	DIMM DALI:	yes
Colour temperature [K]:	4000	Number on the palette [pcs]:	165
Colour rendering index:	80	Net weight [kg]:	0.950
SDCM:	≤ 3	Light distribution type:	symmetric
LED lifespan L70B50 [h]:	140000	Working temperature [°C]:	from +35 to -20
LED lifespan L80B20 [h]:	88000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L90B10 [h]:	42000		
Beam angle [°]:	105	Warranty [years]:	5
Surge protection [kV]:	2	CE certificate:	73/2025
Diffuser material:	PC	Manual:	Download PDF
		Plik LDT:	Download

LIGHT CURVES

cd/klm   ▬ C0 - C180   ▬ C90 - C270   η = 100%

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DETAILED CARD

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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)

$C\epsilon$ Certificate CE - Nr: 73/2025

LENA LIGHTING
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