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.

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

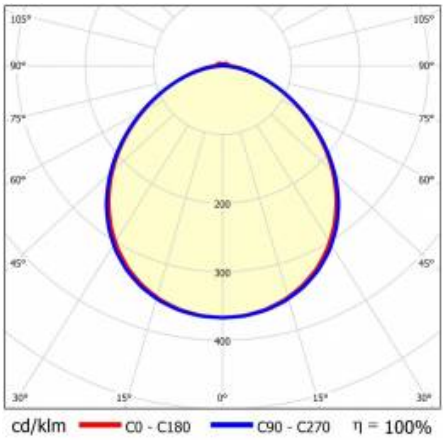
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	598715
EAN:	5905963598715
Light source:	LED module
Rated power of the luminaire [W]:	20
Luminous flux [lm]:	2950
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous efficacy [lm/W]:	148
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	140000
LED lifespan L80B10 [h]:	88000
LED lifespan L90B10 [h]:	42000
Beam angle [°]:	105
Surge protection [kV]:	2
Diffuser material:	PC
Diffuser type:	matrix led
Material of the body:	coated steel
Colour of the body:	white

Remarks:	RAL9010
Dimensions (H/W/T/S) [mm]:	600/57/45
Mounting dimensions [mm]:	520
Impact resistance:	IK06
Ingress protection:	IP66
Mounting version:	surface, suspended
DIMM DALI:	yes
Wire type:	5x1,5
Through wiring:	LS2
Number on the palette [pcs]:	165
Net weight [kg]:	0.950
Light distribution type:	symmetric
Working temperature [°C]:	from +35 to -20
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	73/2025
ENEC Certificate:	0470/ENEC/26
Environmental Product Declaration (EPD):	869/2025
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES

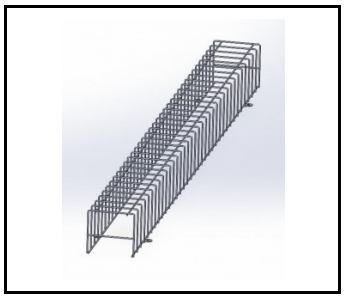


TYTAN STEEL LED 600MM 2950LM 840 IP66 LS2 5P DALI 105D 20W

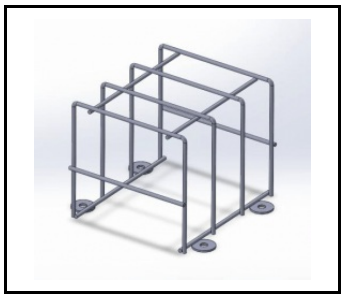
DETAILED CARD

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

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 73/2025

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl