TYTAN STEEL LED 600MM 2300LM 840 IP66 LS2 120D 14W

DETAILED CARD

TECHNICAL PARAMETERS

Index:	598555
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	14
Luminous flux [lm]*:	2300
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.
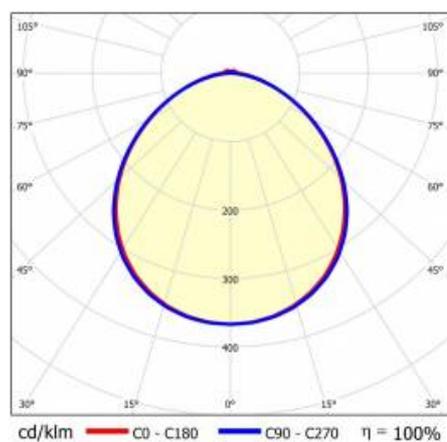
TYTAN STEEL LED 600MM 2300LM 840 IP66 LS2 120D 14W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	598555	Colour of the body:	white
EAN:	5905963598555	Remarks:	RAL9010
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	600/57/45
Rated power of the luminaire [W]:	14	Mounting dimensions [mm]:	520
Luminous flux [lm]:	2300	Impact resistance:	IK06
Supply voltage [V]:	220-240	Ingress protection:	IP66
Frequency [Hz]:	50-60	Mounting version:	surface, suspended
Luminous efficacy [lm/W]:	164	Wire type:	5x1,5
Energy efficiency class:	B	Through wiring:	LS2
Electrical protection class:	I	Number on the palette [pcs]:	165
Colour temperature [K]:	4000	Net weight [kg]:	1
Color rendering index (Ra) >:	80	Light distribution type:	symmetric
SDCM:	3	Working temperature [°C]:	from +35 to -20
LED lifespan L70B50 [h]:	140000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
LED lifespan L80B10 [h]:	88000		
LED lifespan L90B10 [h]:	42000	Warranty [years]:	5
Beam angle [°]:	120	CE certificate:	73/2025
Surge protection [kV]:	2	ENEC Certificate:	0470/ENEC/26
Diffuser material:	PC	Environmental Product Declaration (EPD):	869/2025
Diffuser type:	matrix led	Manual:	Download PDF
Material of the body:	coated steel	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
		Plik LDT:	Download

LIGHT CURVES

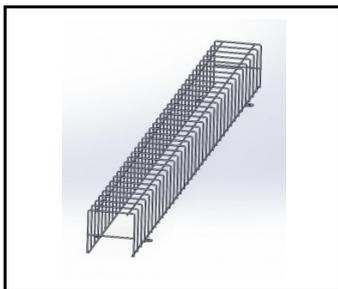cd/klm   ▬ C0 - C180   ▬ C90 - C270   η = 100%

TYTAN STEEL LED 600MM 2300LM 840 IP66 LS2 120D 14W

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)

Certificate CE - Nr: 73/2025

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

Page 3/3