

# TYTAN STEEL LED PRO 1188MM 14500LM 840 IP66 DALI DAN 80W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	596049
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK06
<b>Rated power of the luminaire [W]*:</b>	80
<b>Luminous flux [lm]*:</b>	14500
<b>Colour temperature [K]:</b>	4000
<b>Material of the body:</b>	coated steel
<b>Colour of the body:</b>	white
<b>Diffuser material:</b>	PC
<b>Diffuser type:</b>	matrix led

## CHARACTERISTICS

Tytan Steel LED Pro is an innovative solution in the category of classic hermetic luminaires, combining functionality with modern design. All the technical advantages of a traditional hermetic are enclosed in an elegant, low-profile housing, enriched with advanced optics that make the Tytan Steel LED Pro a versatile luminaire. It will prove its worth in both the simplest applications and advanced industrial solutions. The product is distinguished by very fast installation and low purchase and operating costs (192 lm/W). The reliable components used in the lamp minimise the need for servicing. The Tytan Steel LED Pro lamp 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. Tytan Steel LED Pro is the ideal economic and functional solution 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:	596049	Remarks:	RAL9010
EAN:	5905963596049	Dimensions (H/W/T/S) [mm]:	1188/57/45
Light source:	LED module	Mounting dimensions [mm]:	520
Rated power of the luminaire [W]:	80	Impact resistance:	IK06
Luminous flux [lm]:	14500	Ingress protection:	IP66
Supply voltage [V]:	220-240	Mounting version:	surface, suspended
Frequency [Hz]:	50-60	DIMM DALI:	yes
Luminous efficacy [lm/W]:	181	Number on the palette [pcs]:	110
Energy efficiency class:	A	Net weight [kg]:	1.350
Electrical protection class:	I	Beam angle [°]:	butterfly
Colour temperature [K]:	4000	Light distribution type:	DAN
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:	<a href="#">140/2025</a>
LED lifespan L90B10 [h]:	42000	ENEC Certificate:	<a href="#">0470/ENEC/26</a>
Surge protection [kV]:	1	Environmental Product Declaration (EPD):	<a href="#">869/2025</a>
Diffuser material:	PC	Manual:	<a href="#">Download PDF</a>
Diffuser type:	matrix led	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Material of the body:	coated steel	Pliik LDT:	<a href="#">Download</a>
Colour of the body:	white		

## LIGHT CURVES



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## 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: 04 November 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: 140/2025