

# TYTAN STEEL LED PRO 1188MM 9850LM 840 IP66 AW3H CN 52W

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	596353
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	52
Luminous flux [lm]*:	9850
Colour temperature [K]:	4000
Material of the body:	coated steel
Colour of the body:	RAL9010
Diffuser material:	PC
Diffuser type:	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

Rated power of the luminaire [W]:	52	Diffuser type:	matrix led
Index:	596353	Material of the body:	coated steel
Colour temperature [K]:	4000	Emergency lighting [h]:	3
EAN:	5905963596353	Remarks:	RAL9010
Luminous flux [lm]:	9850	Dimensions (H/W/T/S) [mm]:	1188/57/45
Light source:	LED module	Impact resistance:	IK06
Supply voltage [V]:	220-240	Ingress protection:	IP66
Frequency [Hz]:	50-60	Mounting version:	surface, suspended
Luminous efficacy [lm/W]:	189	Number on the palette [pcs]:	110
Energy efficiency class:	A	Net weight [kg]:	1.500
Electrical protection class:	I	Working temperature [°C]:	from +35 to -20
Colour rendering index:	>80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	≤ 3	Warranty [years]:	5
LED lifespan L70B50 [h]:	140000	CE certificate:	<a href="#">74/2025</a>
LED lifespan L80B20 [h]:	88000	Manual:	<a href="#">Download PDF</a>
LED lifespan L90B10 [h]:	42000	Plik LDT:	<a href="#">Download</a>
Beam angle [°]:	35/67		
Diffuser material:	PC		
Light distribution type:	CN		
Colour of the body:	RAL9010		

## 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: 74/2025