

TYTAN STEEL LED PRO 1188MM 14850LM 840 IP66 CW 80W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	278860
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	80
Luminous flux [lm]*:	14850
Colour temperature [K]:	4000
Material of the body:	coated steel
Colour of the body:	white
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.

TYTAN STEEL LED PRO 1188MM 14850LM 840 IP66 CW 80W

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	278860	Material of the body:	coated steel
EAN:	5905963278860	Colour of the body:	white
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	1188/57/45
Rated power of the luminaire [W]:	80	Mounting dimensions [mm]:	520
Luminous flux [lm]:	14850	Impact resistance:	IK06
Supply voltage [V]:	220-240	Ingress protection:	IP66
Frequency [Hz]:	50-60	Mounting version:	surface, suspended
Luminous efficacy [lm/W]:	186	Number on the palette [pcs]:	110
Energy efficiency class:	A	Net weight [kg]:	1.300
Electrical protection class:	I	Beam angle [°]:	25x80
Colour temperature [K]:	4000	Light distribution type:	CW
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:	140/2025
LED lifespan L90B10 [h]:	42000	Manual:	Download PDF
Surge protection [kV]:	2	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Diffuser material:	PC	Plik LDT:	Download
Diffuser type:	matrix led		

LIGHT CURVES



TYTAN STEEL LED PRO 1188MM 14850LM 840 IP66 CW 80W

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: 20 March 2026

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