TYTAN STEEL LED PRO 1188MM 9900LM 840 IP66 AW3H MW 52W

DETAILED CARD

TECHNICAL PARAMETERS

Index:	596391
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	52
Luminous flux [lm]*:	9900
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.
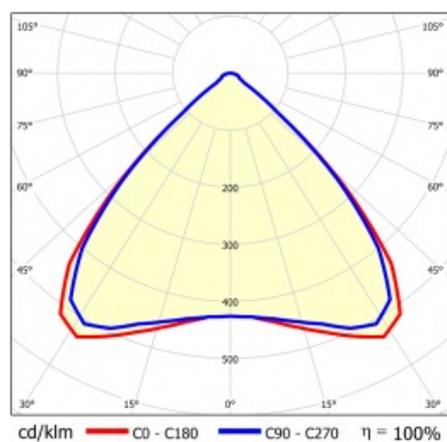
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TECHNICAL PARAMETERS TABLE

Index:	596391	Dimensions (H/W/T/S) [mm]:	1188/57/45
EAN:	5905963596391	Mounting dimensions [mm]:	520
Light source:	LED module	Impact resistance:	IK06
Rated power of the luminaire [W]:	52	Ingress protection:	IP66
Luminous flux [lm]:	9900	Mounting version:	surface, suspended
Supply voltage [V]:	220-240	Number on the palette [pcs]:	110
Frequency [Hz]:	50-60	Net weight [kg]:	1.500
Luminous efficacy [lm/W]:	190	Emergency lighting [h]:	3
Energy efficiency class:	A	Beam angle [°]:	90
Electrical protection class:	I	Light distribution type:	MW
Colour temperature [K]:	4000	Working temperature [°C]:	from +35 to -20
Color rendering index (Ra) >:	80	Autotest:	yes
SDCM:	3	Operating mode:	1
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
Surge protection [kV]:	2	CE certificate:	74/2025
Diffuser material:	PC	ENEC Certificate:	0470/ENEC/26
Diffuser type:	matrix led	Environmental Product Declaration (EPD):	869/2025
Material of the body:	coated steel	Manual:	Download PDF
Colour of the body:	white	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Remarks:	RAL9010	Plik LDT:	Download

LIGHT CURVES

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

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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)
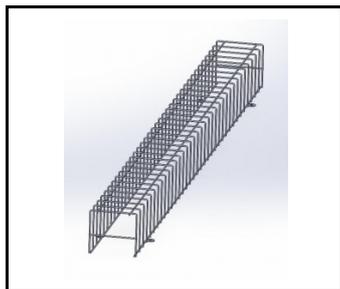
Tytan Steel protection grid 1188mm RAL9003 (598906)

Protection grid Sensor Hytronik HIM84 RAL 9003 (598913)

Certificate CE - Nr: 74/2025

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