

# TYTAN STEEL LED PRO 600MM 6450LM 840 IP66 LS2(2,5) 5P DALI DAN 40W

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	597480
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	40
Luminous flux [lm]*:	6450
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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Index:	597480	Colour of the body:	white
EAN:	5905963597480	Remarks:	RAL9010
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	600/57/45
Rated power of the luminaire [W]:	40	Mounting dimensions [mm]:	520
Luminous flux [lm]:	6450	Impact resistance:	IK06
Supply voltage [V]:	220-240	Ingress protection:	IP66
Frequency [Hz]:	50-60	Mounting version:	surface, suspended
Luminous efficacy [lm/W]:	161	DIMM DALI:	yes
Energy efficiency class:	B	Wire type:	5x2,5
Electrical protection class:	I	Through wiring:	LS2 (2.5)
Colour temperature [K]:	4000	Number on the palette [pcs]:	165
Color rendering index (Ra) >:	80	Net weight [kg]:	1.100
SDCM:	3	Beam angle [°]:	butterfly
LED lifespan L70B50 [h]:	140000	Light distribution type:	DAN
LED lifespan L80B20 [h]:	88000	Working temperature [°C]:	from +35 to -20
LED lifespan L90B10 [h]:	42000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Surge protection [kV]:	1	Warranty [years]:	5
Diffuser material:	PC	CE certificate:	<a href="#">74/2025</a>
Diffuser type:	matrix led	Manual:	<a href="#">Download PDF</a>
Material of the body:	coated steel	Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



# TYTAN STEEL LED PRO 600MM 6450LM 840 IP66 LS2(2,5) 5P DALI DAN 40W

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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: 03 October 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: 74/2025



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