

TYTAN STEEL LED RAPID 1188MM 8300LM 840 IP66 LS2 120D 50W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	192791
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	50
Luminous flux [lm]*:	8300
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 reflects an innovative approach to classic hermetic luminaires, combining functionality with aesthetics. All the technical advantages of traditional hermetic luminaires have been enclosed in an elegant, low profile, giving the lamp a modern design. Thanks to its advanced optics, Tytan Steel LED is suitable for both the simplest applications and demanding industrial solutions. The product is exceptionally easy to install and has low purchase and operating costs (169 lm/W). The **RAPID** designation indicates even faster installation (compared to classic, openable hermetic luminaires) thanks to a 0.6 m long cable leading directly from the luminaire and terminated with a sealed quick connector. This allows the power supply to be connected without opening the lamp. At the same time, the luminaire can still be opened for servicing. Through-wired versions have two cables of the same design. The reliable components used in the lamp minimise the need for servicing. The Tytan Steel LED lamp is made of steel, which ensures its exceptional durability, and thanks to its U-shaped profile design, it retains the lightness characteristic of plastic luminaires, which facilitates installation and does not burden the supporting structures. Tytan Steel LED is an optimal combination of functionality and economy, ideal for a wide range of applications.

APPLICATION

The multi-purpose LED lamp is designed for use in areas with high dust and water resistance requirements. It is particularly recommended for lighting industrial and warehouse halls, garages, car parks (underground and multi-storey), public facilities, including hospitals, educational and childcare facilities, commercial and service facilities, transport terminals and underground passages. The lamp is ideal for new lighting applications as well as for 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:	192791	Diffuser type:	matrix led
EAN:	5905963192791	Material of the body:	coated steel
Light source:	LED module	Colour of the body:	white
Rated power of the luminaire [W]:	50	Dimensions (H/W/T/S) [mm]:	1188/57/45
Luminous flux [lm]:	8300	Mounting dimensions [mm]:	520
Supply voltage [V]:	220-240	Impact resistance:	IK06
Frequency [Hz]:	50-60	Ingress protection:	IP66
Luminous efficacy [lm/W]:	166	Mounting version:	surface, suspended
Energy efficiency class:	B	Working temperature [°C]:	from +35 to -20
Electrical protection class:	I	Number on the palette [pcs]:	110
Colour temperature [K]:	4000	Net weight [kg]:	1.500
Color rendering index (Ra) >:	80	Light distribution type:	symmetric
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:	159/2025
LED lifespan L90B10 [h]:	42000	Manual:	Download PDF
Beam angle [°]:	120	Wire type:	5x1.5
Surge protection [kV]:	2	Through wiring:	LS2
Diffuser material:	PC	Plik LDT:	Download

Card creation date: 09 January 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: 159/2025