

TYTAN STEEL LED PRO RAPID 1188MM 14900LM 840 IP66 LS2 (2,5) 5P DALI DAN MAT R2 80W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	228445/2
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	80
Luminous flux [lm]*:	14900
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 RAPID is an innovative solution in the category of classic hermetic luminaires, combining functionality with modern design. All the technical advantages of a traditional hermetic luminaire are enclosed in an elegant, low-profile housing, enhanced with advanced optics, which make Tytan Steel LED Pro RAPID a versatile luminaire. It is suitable for both the simplest applications and advanced industrial solutions. The product is distinguished by its very quick installation and low purchase and operating costs (192 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 Pro Rapid 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 Pro Rapid is the ideal economical and functional solution for a wide range of applications.

UGR < 19

Unified Glare Rating is an indicator of glare. The lower the Unified Glare Rating (UGR), the lower the glare.

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:	228445/2	Colour of the body:	white
EAN:	5905963029479	Dimensions (H/W/T/S) [mm]:	1188/57/45
Light source:	LED module	Mounting dimensions [mm]:	520
Rated power of the luminaire [W]:	80	Impact resistance:	IK06
Luminous flux [lm]:	14900	Ingress protection:	IP66
Supply voltage [V]:	220-240	Mounting version:	surface, suspended
Frequency [Hz]:	50-60	Working temperature [°C]:	from -20 to +35
Luminous efficacy [lm/W]:	186	DIMM DALI:	yes
Energy efficiency class:	A	Wire type:	5x2.5
Electrical protection class:	I	Through wiring:	LS2 (2.5)
Colour temperature [K]:	4000	Number on the palette [pcs]:	110
Color rendering index (Ra) >:	80	Net weight [kg]:	2
SDCM:	3	Light distribution type:	DAN MAT
LED lifespan L70B50 [h]:	140000	Optics:	2 rows
LED lifespan L80B10 [h]:	88000	Remarks:	RAL9010
LED lifespan L90B10 [h]:	42000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Beam angle [°]:	90	Warranty [years]:	5
Surge protection [kV]:	1	CE certificate:	160/2025
Diffuser material:	PC	Manual:	Download PDF
Diffuser type:	matrix led	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Material of the body:	coated steel	Plik LDT:	Download