# TYTAN STEEL LED 1188MM 5950LM 840 IP66 DALI 105D 40W

DETAILED CARD



### 

### **TECHNICAL PARAMETERS**

Index:	596612
Ingress protection:	IP66
Impact resistance:	IK06
Rated power of the luminaire [W]*:	40
Luminous flux [lm]*:	5950
Colour temperature [K]:	4000
Material of the body:	coated steel
Colour of the body:	white
Diffuser material:	PC
Diffuser type:	matrix led

#### **CHARACTERISTICS**

The Tytan Steel LED reflects an innovative approach to the classic hermetic luminaire that combines functionality with aesthetics. All the technical advantages of a traditional hermetic luminaire are encapsulated in a sleek, low profile, giving the lamp a modern design. Thanks to its advanced optics, the Tytan Steel LED will be suitable for both the simplest applications and demanding industrial solutions. The product is characterised by exceptional ease of installation, low purchase and operating costs (169 lm/W). The reliable components used in the lamp minimise the need for servicing. The Tytan Steel LED 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. The Tytan Steel LED is the optimum combination of functionality and economy, ideal 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:B96612Diffuser type:matrix ledEAN:5005963596612Material of the body:coated steelLight source:LED moduleColour of the body:whiteRated power of the luminaire [W]:40Remarks:RAL9010Juminous flux [Im]:5950Dimensions (H/VT/S) [mm]:188/57/45Supply voltage [V]:20-240Mouting dimensions [mm]:520Frequercy [Hz]:50-60Impact resistance:IK06Luminous efficacy [Im/W]:149Impact resistance:IK06Energy efficiency class:CMouting version:surface, suspendedColour endering index:80Number on the palette [pcs]:1400SDCM:43000Verking temperature [Y]:symmetricLib lifespan L70BS0 [h]:4000Working temperature [Y]:from 45 to -20Lib lifespan L00B20 [h]:500Store steeps:SixGoroup1 (no photobiological afterty:Lib lifespan L00B20 [h]:600Working temperature [Y]:SixGoroup1 (no photobiological hazard under normal behavioral initiation)Eleam angle [T]:105Warranty (years):5Surge protection [kV]:2Ce certificate:3/2025Diffuser material:PCManal:Download PDE				1
Light source:LED moduleColour of the body:whiteRated power of the luminaire [W]:40Remarks:RAL9010Luminous flux [Im]:5950Dimensions (H/W/T/S) [mm]:1188/57/45Supply voitage [V]:220-240Mouting dimensions [mm]:520Frequency [Hz]:50-60Impact resistance:IP66Luminous efficacy (Im/W]:149Ingress protection:surface, suspendedElectrical protection class:1DIMM DALI:yesColour rendering index:80Number on the palette [ps]:1400SDCM:44000Verking temperature [*C]:1,400surface.Lib lifespan LSOB20 [h]:88000Working temperature [*C]:for 435 to -20Lib Lifespan LSOB20 [h]:42000Working temperature [*C]:fixed surface.Lib lifespan LSOB20 [h]:105Waranty (years):5Lib lifespan LSOB20 [h]:105 </td <td>Index:</td> <td>596612</td> <td>Diffuser type:</td> <td>matrix led</td>	Index:	596612	Diffuser type:	matrix led
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Luminous flux [lm]:5950Dimensions (H/W/T/S) [mm]:188/57/45Supply voltage [V]:220-240Mounting dimensions [mm]:520Frequency [Hz]:50-60Impact resistance:KC6Luminous efficacy [lm/W]:149Ingress protection:wording version:Energy efficiency class:CMounting version:surface, suspendedElectrical protection class:1DIMM DALI:yesColour temperature [K]:4000Number on the palette [pcs]:110Colour rendering index:80Net weight [kg]:1400SDCM:≤3Light distribution type:symmetricLED lifespan L80820 [h]:42000Working temperature ['C]:From +35 to -20LED lifespan L90B10 [h]:105Warranty [years]:5Beam angle ["]:105Warranty [years]:5Surge protection [kV]:2Ce certificate:3/2/025	Light source:	LED module	Colour of the body:	white
Supply voltage [V]:220-240Mounting dimensions [mm]:520Frequency [Hz]:50-60Impact resistance:IK06Luminous efficacy [Im/W]:149Ingress protection:IP66Energy efficiency class:CMounting version:surface, suspendedElectrical protection class:1DIMM DALI:yesColour temperature [K]:4000Number on the palette [pcs]:110Colour rendering index:80Net weight [kg]:1.400SDCM:≤3Light distribution type:symmetricLED lifespan L80B20 [h]:88000Working temperature [°C]:from +35 to -20LED lifespan L90B10 [h]:105Warranty [years]:5Surge protection [kV]:2Ce certificate:5	Rated power of the luminaire [W]:	40	Remarks:	RAL9010
Frequency [H2]:50-60Impact resistance:IntersectionLuminous efficacy [Im/W]:149Ingress protection:IP66Energy efficiency class:CMounting version:surface, suspendedElectrical protection class:1DIMM DALI:yesColour temperature [K]:4000Number on the palette [pcs]:100SDCM:<3	Luminous flux [lm]:	5950	Dimensions (H/W/T/S) [mm]:	1188/57/45
Luminous efficacy [lm/W]:149Ingress protection:IP66Energy efficiency class:CMounting version:surface, suspendedElectrical protection class:IDIMM DALI:yesColour temperature [K]:4000Number on the palette [pcs]:110Colour rendering index:80Net weight [kg]:1400SDCM:<3	Supply voltage [V]:	220-240	Mounting dimensions [mm]:	520
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LED lifespan L90B10 [h]: 42000 Hazard under normal behavioral limitation)   Beam angle [*]: 105 Warranty [years]: 5   Surge protection [kV]: 2 CE certificate: 73/2025	LED lifespan L70B50 [h]:	140000	Working temperature [°C]:	from +35 to -20
LED lifespan L90B10 [h]:     42000     Imitation       Beam angle [*]:     105     Warranty [years]:     5       Surge protection [kV]:     2     CE certificate:     73/2025	LED lifespan L80B20 [h]:	88000		
Surge protection [kV]: 2 CE certificate: 73/2025	LED lifespan L90B10 [h]:	42000	Photobiological safety:	
	Beam angle [°]:	105	Warranty [years]:	5
Diffuser material: PC Manual: Download PDF	Surge protection [kV]:	2	CE certificate:	<u>73/2025</u>
	Diffuser material:	PC	Manual:	Download PDF

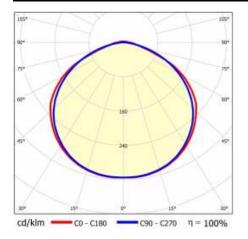
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### LIGHT CURVES

LENA

LIGHTING



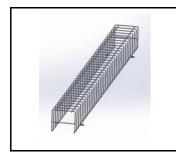


## TYTAN STEEL LED 1188MM 5950LM 840 IP66 DALI 105D 40W

DETAILED CARD

### ACCESSORIES AVAILABLE

index	Name
80001264	Tytan Steel protection grid 1188mm RAL9003
80001265	Protection grid Sensor Hytronik HIM84 RAL 9003
598432	Tytan Steel - suspension bracket (set)



Tytan Steel protection grid 1188mm RAL9003 (80001264)



Protection grid Sensor Hytronik HIM84 RAL 9003 (80001265)

Card creation date: 15 October 2024

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%

Certificate CE - Nr: 73/2025

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This product is a subject to electric and electronic waste equipment regulations (WEEE).