

# TITAN GUARD LED PRO 1188MM (47.25 IN) 6650LM 840 IP66 105D 41W US

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	612831
<b>Ingress protection:</b>	IP66
<b>Impact resistance:</b>	IK06
<b>Rated power of the luminaire [W]*:</b>	41
<b>Luminous flux [lm]*:</b>	6650
<b>Colour temperature [K]:</b>	4000
<b>Color rendering index (Ra) &gt;:</b>	80
<b>SDCM:</b>	3
<b>Electrical protection class:</b>	I
<b>Material of the body:</b>	coated steel

## CHARACTERISTICS

Titan Guard 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 Titan Guard 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 (178 lm/W). The reliable components used in the lamp minimise the need for servicing. The Titan Guard 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. Titan Guard 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.

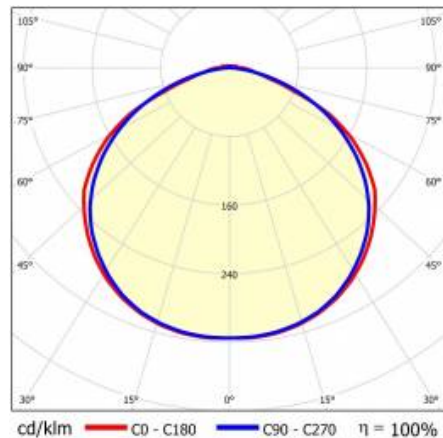
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## TECHNICAL PARAMETERS TABLE

Index:	612831	Beam angle [°]:	105
EAN:	5905963612831	Diffuser material:	PC
Light source:	LED module	Diffuser type:	matrix led
Rated power of the luminaire [W]:	41	Material of the body:	coated steel
Luminous flux [lm]:	6650	Colour of the body:	RAL9010
Supply voltage [V]:	120-277	Dimensions [inches]:	47.25
Frequency [Hz]:	50-60	Mounting dimensions [mm]:	470
Luminous efficacy [lm/W]:	162	Impact resistance:	IK06
Energy efficiency class:	B	Ingress protection:	IP66
Electrical protection class:	I	Mounting version:	surface, suspended
Colour temperature [K]:	4000	Working temperature [°C]:	-20 +35 °C (-4 to 95 °F)
Color rendering index (Ra) >:	80	Number on the palette [pcs]:	110
SDCM:	3	Gross weight [kg]:	1.300
LED lifespan L70B50 [h]:	165000	Warranty [years]:	5
LED lifespan L80B10 [h]:	103000	UL certification:	<a href="#">UL-US-2596169-0</a> ; <a href="#">UL-CA-2570534-0</a>
LED lifespan L90B10 [h]:	48000	Manual:	<a href="#">Download PDF</a>
Power factor:	0.96	Plik LDT:	<a href="#">Download</a>

## LIGHT CURVES



Card creation date: 19 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:



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