# **TYTAN 2 LED LENS 1150MM 5200LM 840 IP66 DALI MW 32W**

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index:	593215
Ingress protection:	IP66
Impact resistance:	IK09
Luminous flux [lm]*:	5200
Colour temperature [K]:	4000
Material of the body:	PC
Colour of the body:	grey
Diffuser material:	PC
Diffuser type:	matt
Optics material:	PC

#### **CHARACTERISTICS**

The Tytan 2 LED Lens is a luminaire from the NEXT GEN line representing a new generation of luminaires dedicated to LED technology. Designed from the ground up, it introduces new solutions to improve light distribution and temperature balance. Diodes from a renowned manufacturer and new LED modules contribute to the highest luminous efficiency. This ensures that the required lighting levels are achieved and energy savings of up to 68% are achieved. The luminaire uses the solution of integrating the diffuser with the LED module and dedicated lenses. The luminaire has a number of improvements to make installation easier and faster: a diffuser suspension system, adjustable brackets to ensure an installation tolerance of  $\pm 1.50$  mm. It is fitted with heavy-duty stainless steel (INOX) clips as standard. The lamp body and diffuser are UV resistant.

The luminaire in Tytan 2 LED Lens is available in three versions: **SW** - standard wide type distribution(conventional angle 70D) with a wide range of applications including industrial halls, warehouse halls, workshops. It provides high luminous applications including industrial halls, warehouse rinds, workshops. It provides high full industrial reflections of the PN-EN 12464-1 standard in terms of illuminance and high uniformity while maintaining the glare index requirements UGR19, UGR22, UGR25. Dedicated luminaire mounting height: 5,0-9,0m. **MW** - distribution type medium wide (conventional angle 85D) with a wide range of applications including industrial halls, warehouses, workshops. Ensures high luminous

applications including industrial halls, warehouses, workshops. Ensures high luminoon efficiency and helps to meet the most stringent PN-EN 12464-1 guidelines for illuminance and high uniformity while maintaining the glare index requirements UGR19, UGR22, UGR25. Dedicated luminaire mounting height: 3,0-7,0m.

WW - very wide type distribution (conventional angle 100D) with a wide range of applications in the lidited between the conventional angle 100D).

including low production rooms, low warehouses, workshops, technical rooms, Provides high luminous efficiency and helps to meet the most stringent guidelines of the PN-EN 12464-1 standard in terms of illuminance and high uniformity while maintaining the glare index requirements UGR22, UGR25. Dedicated luminaire mounting height: 2,5-5,0m.

# **APPLICATION**

The multifunctional LED lamp is designed for use in areas with high requirements for dust and water resistance. Especially recommended for lighting public facilities, including hospitals, educational facilities, halls, garages, passages, warehouses, shops, food industry, commercial and industrial facilities (factories, laboratories), warehouses, parking lots (underground and multi-level), sports stadiums, transport terminals and underground passages. The luminaire is ideal for new lighting applications as well as replacing traditional fluorescent luminaires with energy-saving LED solutions. Its design is adapted for surface and suspended mounting. and suspended mounting.



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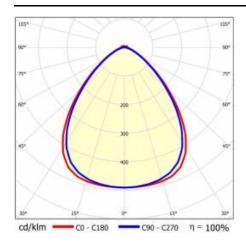
**DETAILED CARD** 

## **TECHNICAL PARAMETERS TABLE**

Index:         593215           EAN:         5905963593215	
<b>EAN:</b> 5905963593215	
Light source: LED module	
Rated power of the luminaire [W]: 32	
Luminous flux [lm]: 5200	
<b>Supply voltage [V]:</b> 220 - 240	
Frequency [Hz]: 50-60	
Luminous efficacy [lm/W]: 163	
Energy efficiency class:	
Electrical protection class:	
Colour temperature [K]: 4000	
Color rendering index (Ra) >: 80	
SDCM: 3	
<b>LED lifespan L70B50 [h]:</b> 155000	
<b>LED lifespan L80B20 [h]:</b> 98000	
<b>LED lifespan L90B10 [h]:</b> 47500	
Beam angle [°]: 85	
Surge protection [kV]:	
Diffuser material: PC	
Diffuser type: matt	

Optics material:	PC
Material of the body:	PC
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	1152/85/80
Mounting dimensions [mm]:	800
Impact resistance:	IK09
Ingress protection:	IP66
Mounting version:	surface, suspended
Working temperature [°C]:	from -20 to +35
DIMM DALI:	yes
UGR (4H8H):	20.2
Number on the palette [pcs]:	100
Net weight [kg]:	1.520
Light distribution type:	MW
Warranty [years]:	5
CE certificate:	52/2024
Manual:	Download PDF
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Plik LDT:	Download

# **LIGHT CURVES**





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#### **ACCESSORIES AVAILABLE**

index	Name
908200	TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2)
6000006	M16 stuffing box plug various PA black M-16 - BPM-21



TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) (908200)



M16 stuffing box plug various PA black M-16 - BPM-21 (6000006)