# TYTAN 2 LED LENS 1150MM 3500LM 840 IP66 MW 21W

DETAILED CARD

## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 593048 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Luminous flux [lm]*:** | 3500 |
| **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 +/-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 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 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 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.
**VW** - very wide type distribution (conventional angle 100D) with a wide range of applications 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.

# TYTAN 2 LED LENS 1150MM 3500LM 840 IP66 MW 21W

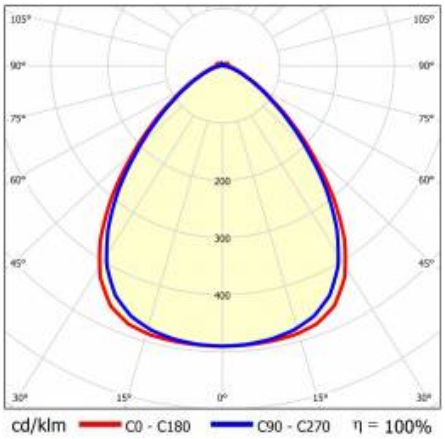
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 593048 |
| **EAN:** | 5905963593048 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 21 |
| **Luminous flux [lm]:** | 3500 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous efficacy [lm/W]:** | 167 |
| **Energy efficiency class:** | B |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Beam angle [°]:** | 85 |
| **Surge protection [kV]:** | 1 |
| **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 |
| **UGR (4H8H):** | 18.8 |
| **Number on the palette [pcs]:** | 100 |
| **Net weight [kg]:** | 1.520 |
| **Light distribution type:** | MW |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 52/2024 |
| **PZH certificate:** | B-BK-60112-0280/2025 |
| **HACCP:** | 852/2004 |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015. 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES

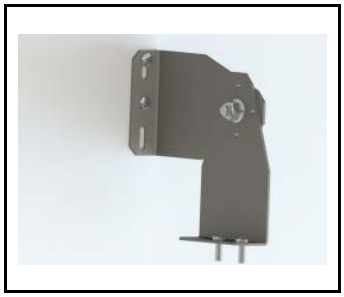


# TYTAN 2 LED LENS 1150MM 3500LM 840 IP66 MW 21W

DETAILED CARD

## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 908200 | TYTAN LED. ATLAS LED. INDUSTRY LED - adjustable handle (set of 2) |
| 60000006 | 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 (60000006)

Card creation date: 20 June 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%

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

Certificate CE - Nr: 52/2024

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl