# TYTAN 2 LED 1150MM 7850LM 850 IP66 LS2 (2,5) 47W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 942068 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Nominal power [W]:** | 47 |
| **Luminous flux [lm]*:** | 7850 |
| **Colour temperature [K]:** | 5000 |
| **Energy efficiency class:** | C |
| **Material of the body:** | PC |
| **Colour of the body:** | grey |
| **Diffuser material:** | PC |

## CHARACTERISTICS

TYTAN 2 LED is a fitting from NEXT GEN line, which is a new generation of fittings in LED technology. The fitting, designed from scratch, allows new solutions improving the light distribution and temperature balance. Branded LED diodes and new LED modules have influence on a very high luminous efficacy: 155 lm/W. It guarantees the best required lighting level and energy saving up to 68%. The solution based on integration of the diffuser and LED module is applied in the fitting. The fitting has a lot of facilities making the mounting easier and faster: the system of diffuser suspension, adjustable mounting brackets ensuring the mounting tolerance +/-50mm. Standard equipment of the fitting: clips made of stainless steel (INOX). The body of the fixture and the diffuser are resistant to UV radiation

## 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.

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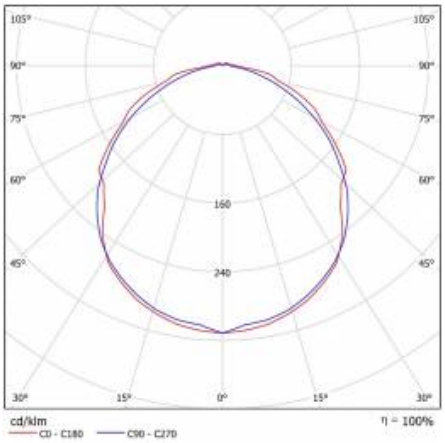
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 942068 |
| **EAN:** | 5905963942068 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 47 |
| **Rated power of the luminaire [W]:** | 50.76 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 7850 |
| **Luminous efficacy [lm/W]:** | 155 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 5000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.96 |
| **Exchangeable source:** | yes |
| **Diffuser material:** | PC |
| **Diffuser type:** | matt |
| **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 |
| **Wire type:** | 5x2,5 |
| **Through wiring:** | LS2 |
| **Number on the palette [pcs]:** | 100 |
| **Net weight [kg]:** | 1.680 |
| **Mark D:** | yes |
| **Category type:** | battens |
| **Category of application:** | industrial |
| **AC voltage range [V]:** | 220 - 240 |
| **LED lifespan L70B50 [h]:** | 109000 |
| **LED lifespan L80B10 [h]:** | 69000 |
| **LED lifespan L90B10 [h]:** | 34000 |
| **ETIM class:** | EC000109 |
| **The number of implement units:** | 1 |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Technical Warranty:** | 5 |
| **CE certificate:** | 127/2023 |
| **ENEC Certificate:** | 0310/ENEC/23 |
| **HACCP:** | 852/2004 |
| **PZH certificate:** | B-BK-60112-0280/2025 |
| **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 1150MM 7850LM 850 IP66 LS2 (2,5) 47W

DETAILED CARD

## TECHNICAL DETAILS



regulowane uchwyty / adjustable handles / einstellbare Halterungen



system zwieszania klosza / suspension system of the diffuser / hängende Diffusor



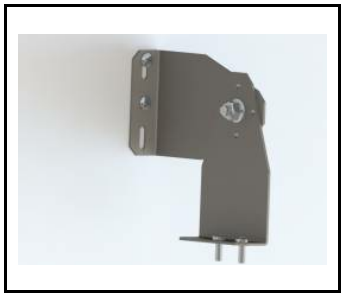
wybór miejsca zasilania / choosing a place of power supply / Stromversorgungsanschluss von mehreren Seite möglich

# TYTAN 2 LED 1150MM 7850LM 850 IP66 LS2 (2,5) 47W

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 |
| 941375 | TYTAN 2 LED 1150mm 2650lm 840 - lighting module |
| 941382 | TYTAN 2 LED 1150mm 4550lm 840 - lighting module |
| 941405 | TYTAN 2 LED 1450mm 5650lm 840 - lighting module |
| 941412 | TYTAN 2 LED 1450mm 7050lm 840 - lighting module |
| 941429 | TYTAN 2 LED 1450mm 11300lm 840 - lighting module |
| 941856 | TYTAN 2 LED 1150mm 2450lm 830 - lighting module |
| 941863 | TYTAN 2 LED 1150mm 4150lm 830 - lighting module |
| 941870 | TYTAN 2 LED 1150mm 7300/8400lm 830 - lighting module |
| 941887 | TYTAN 2 LED 1450mm 5250lm 830 - lighting module |
| 941894 | TYTAN 2 LED 1450mm 6550lm 830 - lighting module |
| 941900 | TYTAN 2 LED 1450mm 10500lm 830 - lighting module |
| 942358 | TYTAN 2 LED 1150mm 2650lm 850 - lighting module |
| 942365 | TYTAN 2 LED 1150mm 4550lm 850 - lighting module |
| 942372 | TYTAN 2 LED 1150mm 7850/9050lm 850 - lighting module |
| 942389 | TYTAN 2 LED 1450mm 5650lm 850 - lighting module |
| 942396 | TYTAN 2 LED 1450mm 7050lm 850 - lighting module |
| 942402 | TYTAN 2 LED 1450mm 11300lm 850 - lighting module |



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: 04 May 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 127/2023

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