# TYTAN 2 LED CHEMO 1150MM 7850LM 840 IP66 LS2 (2.5) 47W

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 942594 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK09 |
| **Nominal power [W]:** | 47 |
| **Luminous flux [lm]*:** | 7850 |
| **Colour temperature [K]:** | 4000 |
| **Material of the body:** | ABS |
| **Colour of the body:** | grey |
| **Diffuser material:** | PCT-G |
| **Diffuser type:** | matt |

## CHARACTERISTICS

TYTAN 2 LED CHEMO 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). Motion sensor mounting height: up to 5 meters.
Diffuser of the luminaire is made of copolyester (PCT-G), characterised by higher resistance to chemicals like, for example, ammonia and chemical disinfectants. As a result, it can be used in a tough chemical environment without any cracks, misting or scratches.
The material of the diffuser is GREENGUARD certified, thus ensuring that the luminaires for indoor use meet strict chemical emission limits, and contributing to healthier indoor environments.

## APPLICATION

The multifunction LED lighting fixture is designed for use in areas with high requirements regarding dust tightness and water tightness. Especially recommended for:
- buildings where breeding animals are kept;
- medical rooms where chemical disinfectants are used.

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## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 942594 |
| **EAN:** | 5905963942594 |
| **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]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.96 |
| **Exchangeable source:** | yes |
| **Diffuser material:** | PCT-G |
| **Diffuser type:** | matt |
| **Material of the body:** | ABS |
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 1152/85/80 |
| **Mounting dimensions [mm]:** | 800 |
| **Impact resistance:** | IK09 |

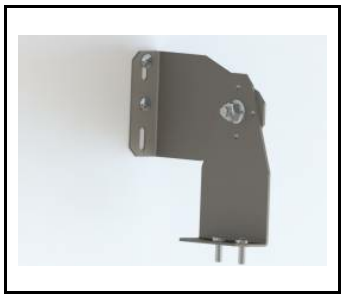
| | |
|---|---|
| **Ingress protection:** | IP66 |
| **Mounting version:** | surface, suspended |
| **Working temperature [°C]:** | from -20 to +35 |
| **Wire type:** | 5x2,5 |
| **Through wiring:** | LS2 |
| **Net weight [kg]:** | 1.680 |
| **Mark D:** | yes |
| **Category type:** | battens |
| **Category of application:** | industrial |
| **AC voltage range [V]:** | 220 - 240 |
| **LED lifespan L70B50 [h]:** | 109000 |
| **LED lifespan L80B10 [h]:** | 69000 |
| **LED lifespan L90B10 [h]:** | 34000 |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 132/2023 |
| **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 |

# TYTAN 2 LED CHEMO 1150MM 7850LM 840 IP66 LS2 (2.5) 47W

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## 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 |
| 80000279 | Gland. beam, Codar, soft polyvinyl chloride (PVC-P), gray |



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: 132/2023

LENA LIGHTING

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