# INDUSTRY IP66 LED 1450MM 13800LM 840 (83W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 552052 |
| **Ingress protection:** | IP66 |
| **Nominal power [W]:** | 83 |
| **Luminous flux [lm]*:** | 13800 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | C |
| **Material of the body:** | aluminium |
| **Diffuser material:** | glass |

## CHARACTERISTICS

INDUSTRY IP66 LED is a hermetic beam from the NEXT GEN line, which is a new generation of lamps dedicated to LED technology. The body, made from scratch, made of aluminum profile and subjected to anodization process, provides the luminaire with strength and solidity, and the narrow side profile allows installation in hard to reach places. LEDs from a reputable manufacturer and new LED modules have an impact on very high luminous efficacy: up to 163 lm / W. This guarantees that the required lighting level is achieved and that significant energy savings are achieved. The lampshade is made of UV resistant tempered glass. The combination of materials (aluminum and toughened glass) and a non-dismantled construction with an external connector provides the luminaire with high resistance to harsh environmental conditions.
Suitable for surface and suspended mounting.
Options: any RAL color; diffuser made of PC or PMMA.

## APPLICATION

The multi-purpose LED luminaire has been designed for use in areas requiring high dust and water resistance. It is especially recommended for use in rooms intended for medical and laboratory purposes as well as in industrial premises.

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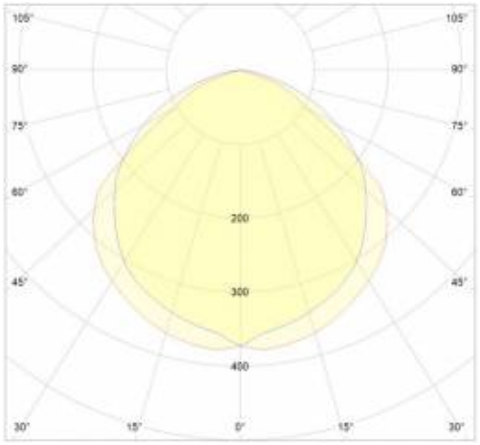
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 552052 |
| **EAN:** | 5905963552052 |
| **Rated power of the luminaire [W]:** | 90.57 |
| **Luminous flux [lm]:** | 13800 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous efficacy [lm/W]:** | 152 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **LED lifespan L70B50 [h]:** | 108000 |
| **LED lifespan L80B10 [h]:** | 71000 |
| **LED lifespan L90B10 [h]:** | 33000 |
| **Beam angle [°]:** | 110 |
| **Diffuser material:** | glass |

| | |
|---|---|
| **Diffuser type:** | transparent |
| **Diffuser colour:** | transparent |
| **Optics material:** | PMMA |
| **Material of the body:** | aluminium |
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 1450/63/55 |
| **Impact resistance:** | IK08 |
| **Ingress protection:** | IP66 |
| **Working temperature [°C]:** | from -15 to +35 |
| **The number of implement units:** | 1 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 146/2023 |
| **PZH certificate:** | B-BK-60212-0322/20 |
| **Manual:** | Download PDF |
| **Environmental Product Declaration (EPD):** | 852/2025 |
| **Plik LDT:** | Download |

## LIGHT CURVES

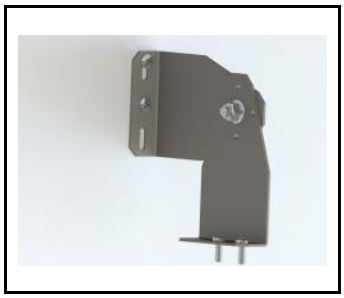


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## ACCESSORIES AVAILABLE

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



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

Card creation date: 16 December 2025

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: 146/2023

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