# LINEA 2 LED 3360MM 16000LM LS2 5P 840 90D (102W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 966569 |
| **Ingress protection:** | IP20 |
| **Impact resistance:** | IK06 |
| **Nominal power [W]:** | 102 |
| **Luminous flux [lm]*:** | 16000 |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | C |
| **Material of the body:** | aluminium |
| **Colour of the body:** | grey |

## CHARACTERISTICS

LINEA 2 LED is the NEXT GEN pendant and surface-mounted lighting line system, a new generation of lamps dedicated to LED technology. The innovative connection system and pass-through cabling allow the luminaires to be quickly combined into a lighting line. The design used allows for easy assembly and power connection. The aluminium profile body, made from scratch, ensures the luminaire's strength and robustness, while the narrow side profile allows installation in hard-to-reach areas. Diodes from a renowned manufacturer integrated in redesigned, completely new modules contribute to a very high luminous efficacy: up to 157 lm/W. This guarantees that the required illuminance level is achieved and significant energy savings are made. The optics are made of UV-resistant PMMA. Thanks to the use of linear lenses, adaptation to different lighting requirements is possible - 3 distribution angles: 90, 60, 45.

## APPLICATION

Particularly well suited for indoor use. Dedicated as the primary light source for commercial facilities, manufacturing plants and warehouses. It is appropriate for new applications as well as replacing conventional T8 & T5 fittings on energy-saving LED solutions.

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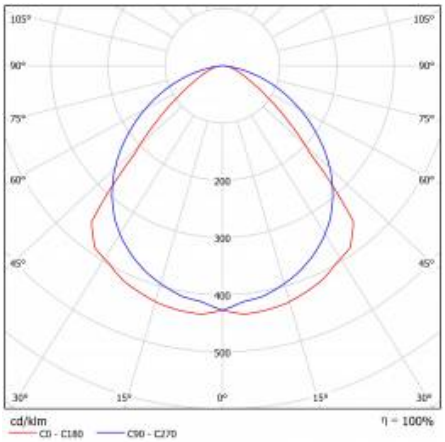
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 966569 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 102 |
| **Rated power of the luminaire [W]:** | 102 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 16000 |
| **Luminous efficacy [lm/W]:** | 146 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Beam angle [°]:** | 90 |
| **Optics material:** | PMMA |
| **Optics:** | lens |
| **Material of the body:** | aluminium |
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 47/52/3360 |

| | |
|---|---|
| **Impact resistance:** | IK06 |
| **Ingress protection:** | IP20 |
| **Mounting version:** | surface, suspended |
| **Through wiring:** | LS2 5P |
| **Net weight [kg]:** | 3.990 |
| **Category type:** | quick assembly lines |
| **Category of application:** | HoReCa, industrial, commercial facilities |
| **LED lifespan L70B50 [h]:** | 103000 |
| **LED lifespan L80B10 [h]:** | 65000 |
| **LED lifespan L90B10 [h]:** | 32000 |
| **Working temperature [°C]:** | from -15 to +35 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 170/2023 |
| **ENEC Certificate:** | 0334/ENEC/23 |
| **Manual:** | Download PDF |
| **The number of implement units:** | 1 |
| **Environmental Product Declaration (EPD):** | 852/2025 |
| **Plik LDT:** | Download |

## LIGHT CURVES

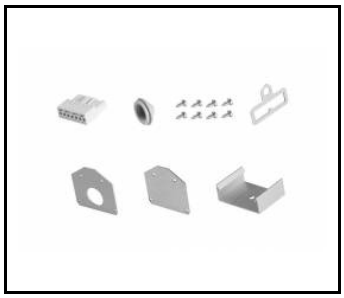


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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 966309 | LINEA 2 LED 1680mm - LS2 5P blank module |
| 966316 | LINEA 2 LED 1680mm - LS2 7P blank module |
| 966644 | LINEA 2 LED 3360mm - LS2 5P blank module |
| 966651 | LINEA 2 LED 3360mm - LS2 7P blank module |
| 966323 | LINEA 2 LED - closing set |
| 966330 | LINEA 2 LED - 840mm cover |



LINEA 2 LED - closing set (966323)



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: 170/2023

LENA LIGHTING

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