# LINEA 3 LED 1680MM 5300LM LS2 5P 840 90D (38W)

DETAILED CARD

## TECHNICAL PARAMETERS

| | |
|---|---|
| **Ingress protection:** | IP40 |
| **Impact resistance:** | IK06 |
| **Rated power of the luminaire [W]*:** | 38 |
| **Luminous flux [lm]*:** | 5300 |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | C |
| **Material of the body:** | aluminium |
| **Colour of the body:** | grey |
| **Optics material:** | PMMA |

## CHARACTERISTICS

LINEA 3 LED is a system of suspended and surface-mounted NEXT-GEN lighting lines, which is a new generation of lamps dedicated to LED technology. An innovative connection system and through wiring allow quick connection of luminaires into a lighting line. The construction used allows for easy installation and connection of the power supply. The body, made from scratch, made of aluminum profile, provides the luminaire with strength and solidity, and the narrow side profile allows installation in hard-to-reach places. LEDs from reputable manufacturers integrated with redesigned brand new LED modules have an impact on very high luminous efficacy. This guarantees that the required lighting level is achieved and that significant energy savings are achieved. The optical system is made of UV-resistant PMMA. Thanks to the use of linear lenses it is possible to adapt to different lighting requirements - 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.

# LINEA 3 LED 1680MM 5300LM LS2 5P 840 90D (38W)

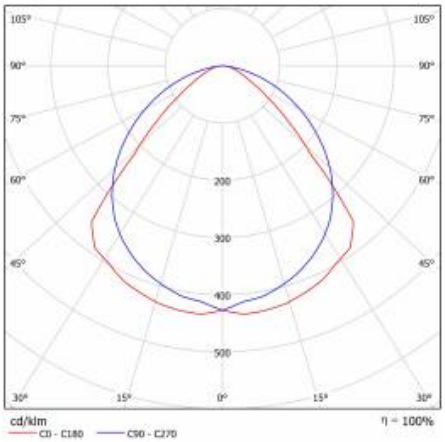
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 974168 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 36 |
| **Rated power of the luminaire [W]:** | 38 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 5300 |
| **Luminous efficacy [lm/W]:** | 139 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **LED lifespan L70B50 [h]:** | 117000 |
| **LED lifespan L80B10 [h]:** | 74000 |
| **LED lifespan L90B10 [h]:** | 36000 |
| **Optics material:** | PMMA |
| **Optics:** | 90 |
| **Material of the body:** | aluminium |

| | |
|---|---|
| **Colour of the body:** | grey |
| **Dimensions (H/W/T/S) [mm]:** | 1680/47/52 |
| **Impact resistance:** | IK06 |
| **Ingress protection:** | IP40 |
| **Glow wire test [°C]:** | 650 |
| **Mounting version:** | surface, suspended |
| **Through wiring:** | 5x2,5 |
| **Net weight [kg]:** | 2.200 |
| **Category type:** | quick assembly lines |
| **Category of application:** | industrial |
| **AC voltage range [V]:** | 198 - 264 |
| **DC voltage range [V]:** | 176 - 280 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 169/2023 |
| **Manual:** | Download PDF |
| **The number of implement units:** | 1 |
| **Environmental Product Declaration (EPD):** | 852/2025 |
| **Plik LDT:** | Download |

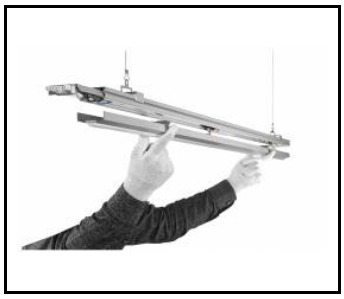
## LIGHT CURVES



# LINEA 3 LED 1680MM 5300LM LS2 5P 840 90D (38W)

DETAILED CARD

## TECHNICAL DETAILS



LINEA 3 LED

# LINEA 3 LED 1680MM 5300LM LS2 5P 840 90D (38W)

DETAILED CARD

## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 974601 | Linea 3 LED 1680mm - moduł LS2 5P |
| 974618 | Linea 3 LED 1680mm - moduł LS2 7P |
| 974625 | Linea 3 LED 3340mm - moduł LS2 5P |
| 974632 | Linea 3 LED 3340mm - moduł LS2 7P |
| 974649 | Linea 3 LED - closing set |



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: 169/2023

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