# LINEA S LED SINGLE 1764MM 18900LM LS1 840 IP54 SW (100W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 585289 |
| **Ingress protection:** | IP54 |
| **Impact resistance:** | IK03 |
| **Rated power of the luminaire [W]*:** | 100 |
| **Luminous flux [lm]*:** | 18900 |
| **Colour temperature [K]:** | 4000 |
| **Energy efficiency class:** | A |
| **Material of the body:** | coated steel |
| **Colour of the body:** | RAL9010 |
| **Diffuser material:** | PC |

## CHARACTERISTICS

LINEA S LED SINGLE is a surface-mounted and pendant version of a single lamp in LED technology created on the basis of the LINEA S LED light line, from which it draws the latest technologies used in industrial lighting. The design used makes it possible to replace light modules and power supplies. The body, made of coated steel, provides the lamp with strength and robustness, while the narrow side profile allows installation in hard-to-reach places. The high IP54 sealing rating allows the lamps to be installed in environments with increased humidity and dust. Diodes from a renowned manufacturer and new LED modules contribute to the very high luminous efficacy. Versions with through-wiring available.

**Attention!**
The suspension should be selected separately, as an accessory, depending on the intended installation method.
Each fixture includes 2 surface-mounted brackets with a triangular element for installing the selected pendant.
Surface mounting does not require the selection of mounting accessories.

## APPLICATION

A versatile LED lamp for indoor use, particularly suitable for lighting large-scale commercial, manufacturing and warehouse facilities. A lamp for use in both new applications and replacing traditional T8 and T5 luminaires with energy-efficient LED solutions.

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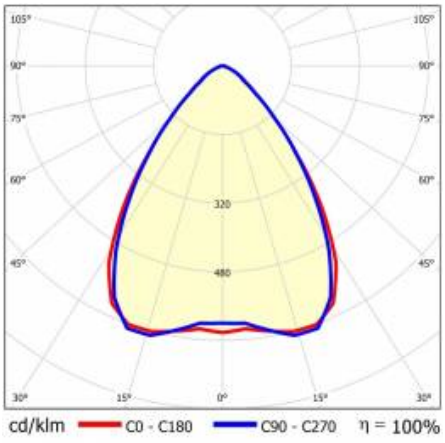
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 585289 |
| **EAN:** | 5905963585289 |
| **Light source:** | LED |
| **Rated power of the luminaire [W]:** | 100 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous flux [lm]:** | 18900 |
| **Luminous efficacy [lm/W]:** | 189 |
| **Energy efficiency class:** | A |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **Beam angle [°]:** | 80 |
| **Surge protection [kV]:** | 2 |
| **Diffuser material:** | PC |
| **Diffuser type:** | matrix led |
| **Material of the body:** | coated steel |
| **Colour of the body:** | RAL9010 |
| **Dimensions (H/W/T/S) [mm]:** | 1769/60/50 |
| **Impact resistance:** | IK03 |
| **Ingress protection:** | IP54 |

| | |
|---|---|
| **Mounting version:** | surface, suspended |
| **Number on the palette [pcs]:** | 132 |
| **Net weight [kg]:** | 2.300 |
| **Category of application:** | industrial, commercial facilities |
| **AC voltage range [V]:** | 198-264 |
| **DC voltage range [V]:** | 176-280 |
| **Working temperature [°C]:** | from -20 to +35 |
| **LED lifespan L70B50 [h]:** | 196000 |
| **LED lifespan L80B10 [h]:** | 123000 |
| **LED lifespan L90B10 [h]:** | 60000 |
| **Light distribution type:** | SW |
| **Mark D:** | yes |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 139/2025 |
| **ENEC Certificate:** | 0331/ENEC/23 |
| **HACCP:** | 852/2004 |
| **Environmental Product Declaration (EPD):** | 869/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES



# LINEA S LED SINGLE 1764MM 18900LM LS1 840 IP54 SW (100W)

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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 980077 | LINEA S LED hang 3m |
| 981173 | LINEA S LED hang 1.5m |
| 981418 | LINEA S LED pendant sm 1.5 |
| 981425 | LINEA S LED chain pendant |
| 980961 | LINEA S LED pendant sm 3m |



LINEA S LED hang 1.5m (981173)



LINEA S LED chain pendant (981425)



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: 139/2025

LENA LIGHTING

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