

# LINEA S LED SINGLE 1176MM 14300LM LS1 840 IP40 SN (100W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |                    |
|---------------------------------|--------------------|
| <b>Index:</b>                   | 856990             |
| <b>Ingress protection:</b>      | IP40               |
| <b>Impact resistance:</b>       | IK03               |
| <b>Luminous flux [lm]*:</b>     | 14300              |
| <b>Colour temperature [K]:</b>  | 4000               |
| <b>Energy efficiency class:</b> | C                  |
| <b>Material of the body:</b>    | coated sheet steel |
| <b>Colour of the body:</b>      | RAL9010            |
| <b>Diffuser material:</b>       | PC                 |
| <b>Diffuser type:</b>           | matrix led         |

## CHARACTERISTICS

Linea S LED Single IP40 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. 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.

# LINEA S LED SINGLE 1176MM 14300LM LS1 840 IP40 SN (100W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|                                   |               |                              |                                                                             |
|-----------------------------------|---------------|------------------------------|-----------------------------------------------------------------------------|
| Rated power of the luminaire [W]: | 100           | Diffuser type:               | matrix led                                                                  |
| Index:                            | 856990        | Material of the body:        | coated sheet steel                                                          |
| EAN:                              | 5905963856990 | Colour of the body:          | RAL9010                                                                     |
| Luminous flux [lm]:               | 14300         | Dimensions (H/W/T/S) [mm]:   | 1181/60/50                                                                  |
| Light source:                     | LED           | Impact resistance:           | IK03                                                                        |
| Supply voltage [V]:               | 220-240       | Ingress protection:          | IP40                                                                        |
| Frequency [Hz]:                   | 50-60         | Mounting version:            | surface, suspended                                                          |
| Luminous efficacy [lm/W]:         | 146           | Number on the palette [pcs]: | 100                                                                         |
| Energy efficiency class:          | C             | Net weight [kg]:             | 1.600                                                                       |
| Electrical protection class:      | I             | AC voltage range [V]:        | 198-264                                                                     |
| Colour temperature [K]:           | 4000          | DC voltage range [V]:        | 176-280                                                                     |
| Colour rendering index:           | >80           | Working temperature [°C]:    | from -20 to +35                                                             |
| LED lifespan L70B50 [h]:          | 150000        | Photobiological safety:      | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Beam angle [°]:                   | 65            | Warranty [years]:            | 5                                                                           |
| LED lifespan L80B20 [h]:          | 100000        | CE certificate:              | <a href="#">57/2024</a>                                                     |
| LED lifespan L90B10 [h]:          | 45000         | ENEC Certificate:            | <a href="#">0331/ENEC/23</a>                                                |
| Light distribution type:          | SN            | HACCP:                       | <a href="#">852/2004</a>                                                    |
| Surge protection [kV]:            | 2             | Manual:                      | <a href="#">Download PDF</a>                                                |
| Diffuser material:                | PC            |                              |                                                                             |

## LIGHT CURVES



Card creation date: 01 August 2024

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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 57/2024



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](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)