# LINEA S LED SINGLE 588MM 4100LM LS1 840 IP54 SA (27W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

Index: 846816

Ingress protection: IP54

Impact resistance: IK03

Rated power of the luminaire [W]\*: 27

Luminous flux [lm]\*: 4100

Colour temperature [K]: 4000

Energy efficiency class:

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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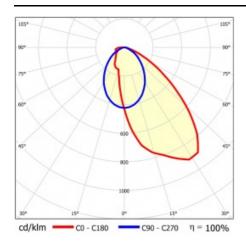
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

| Index:   |                                   |               |
|--|-----------------------------------|---------------|
| Light source:  Rated power of the luminaire [W]:  Supply voltage [V]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  C  Electrical protection class:  I  Colour temperature [K]:  Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  P2  22  Diffuser sype:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Discrept sype:  RAL9010  Dimensions (H/W/T/S) [mm]:   | Index:                            | 846816        |
| Rated power of the luminaire [W]: 27  Supply voltage [V]: 220-240  Frequency [Hz]: 50-60  Luminous flux [Im]: 4100  Luminous efficacy [Im/W]: 157  Energy efficiency class: C  Electrical protection class: I  Colour temperature [K]: 4000  Colour rendering index: 80  Beam angle [°]: asymmetric  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]: 588/60/50   | EAN:                              | 5905963846816 |
| Supply voltage [V]:  Frequency [Hz]:  50-60  Luminous flux [Im]:  4100  Luminous efficacy [Im/W]:  Energy efficiency class:  C  Electrical protection class:  Colour temperature [K]:  Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  50-60  400  400  C  B  B  B  B  B  B  B  B  B  B  B  B  | Light source:                     | LED           |
| Frequency [Hz]: 50-60  Luminous flux [Im]: 4100  Luminous efficacy [Im/W]: 157  Energy efficiency class: C  Electrical protection class: I  Colour temperature [K]: 4000  Colour rendering index: 80  Beam angle [°]: asymmetric  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]: 588/60/50  | Rated power of the luminaire [W]: | 27            |
| Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  C  Electrical protection class:  Colour temperature [K]:  Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  4100  4100  Annual Surge  RAL9010  S88/60/50   | Supply voltage [V]:               | 220-240       |
| Luminous efficacy [lm/W]:  Energy efficiency class:  C  Electrical protection class:  Colour temperature [K]:  4000  Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  157  List To The State of Colour Col | Frequency [Hz]:                   | 50-60         |
| Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Colour of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Colour of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Colour of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  | Luminous flux [Im]:               | 4100          |
| Electrical protection class:  Colour temperature [K]:  4000  Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  | Luminous efficacy [lm/W]:         | 157           |
| Colour temperature [K]:  Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  4000  80  asymmetric  2  Druge protection [kV]:  2  Diffuser material:  PC  matrix led  coated steel  RAL9010  Dimensions (H/W/T/S) [mm]:  588/60/50  | Energy efficiency class:          | С             |
| Colour rendering index:  Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  80  asymmetric  2  Colour of the body:  RAL9010  Dimensions (H/W/T/S) [mm]:  80  Asymmetric  2  RAL9010  S88/60/50   | Electrical protection class:      | I             |
| Beam angle [°]:  Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  asymmetric  asymmetric  asymmetric  asymmetric  colour of two colour  matrix led  RAL9010  S88/60/50  | Colour temperature [K]:           | 4000          |
| Surge protection [kV]:  Diffuser material:  PC  Diffuser type:  Material of the body:  Colour of the body:  RAL9010  Dimensions (H/W/T/S) [mm]:  2  PC  matrix led  coated steel  RAL9010  588/60/50   | Colour rendering index:           | 80            |
| Diffuser material:  Diffuser type:  matrix led  Material of the body:  Colour of the body:  RAL9010  Dimensions (H/W/T/S) [mm]:  588/60/50   | Beam angle [°]:                   | asymmetric    |
| Diffuser type: matrix led  Material of the body: coated steel  Colour of the body: RAL9010  Dimensions (H/W/T/S) [mm]: 588/60/50   | Surge protection [kV]:            | 2             |
| Material of the body: coated steel  Colour of the body: RAL9010  Dimensions (H/W/T/S) [mm]: 588/60/50  | Diffuser material:                | PC            |
| Colour of the body:         RAL9010           Dimensions (H/W/T/S) [mm]:         588/60/50   | Diffuser type:                    | matrix led    |
| Dimensions (H/W/T/S) [mm]: 588/60/50   | Material of the body:             | coated steel  |
|  | Colour of the body:               | RAL9010       |
| Impact resistance: IK03  | Dimensions (H/W/T/S) [mm]:        | 588/60/50     |
|  | Impact resistance:                | IK03          |

| Ingress protection:          | IP54  |
|------------------------------|---|
| Mounting version:            | surface, suspended  |
| Number on the palette [pcs]: | 100   |
| Net weight [kg]:             | 1   |
| Category of application:     | industrial, commercial facilities   |
| AC voltage range [V]:        | 198-264   |
| DC voltage range [V]:        | 200-240   |
| Working temperature [°C]:    | from -20 to +35   |
| LED lifespan L70B50 [h]:     | 150000  |
| LED lifespan L80B20 [h]:     | 100000  |
| LED lifespan L90B10 [h]:     | 45000   |
| Light distribution type:     | SA  |
| Photobiological safety:      | Risk Group 1 (no photobiological<br>hazard under normal behavioral<br>limitation) |
| Warranty [years]:            | 5   |
| CE certificate:              | 32/2024   |
| ENEC Certificate:            | 0331/ENEC/23  |
| HACCP:                       | 852/2004  |
| Manual:                      | Download PDF  |
| Plik LDT:                    | Download  |

### **LIGHT CURVES**





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### **ACCESSORIES AVAILABLE**

| <u> </u> |                            |
|----------|----------------------------|
| 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)

Card creation date: 25 July 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%

