# LINEA S LED 1760MM 15800LM 840 IP54 VW DALI (82W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 590825 |
| **Ingress protection:** | IP54 |
| **Impact resistance:** | IK03 |
| **Rated power of the luminaire [W]*:** | 82 |
| **Luminous flux [lm]*:** | 15800 |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | A |
| **Material of the body:** | galvanized coated steel |
| **Colour of the body:** | RAL9010 |

## CHARACTERISTICS

LINEA S LED IP54 is a surface-mounted and suspended light line system, representing a new generation of lamps dedicated to LED technology. The innovative connection system and loop-through cabling enables lamps to be quickly connected to form a light line and allows flexible replacement of light modules to suit current needs. The design used allows for easy assembly and power connection. The steel body, designed from the ground up, ensures the lamp's strength and robustness, while the narrow side profile allows installation in hard-to-reach areas. 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 efficiency.

## APPLICATION

A versatile LED lamp for indoor use, particularly suitable for lighting large-scale commercial, manufacturing and warehouse facilities.

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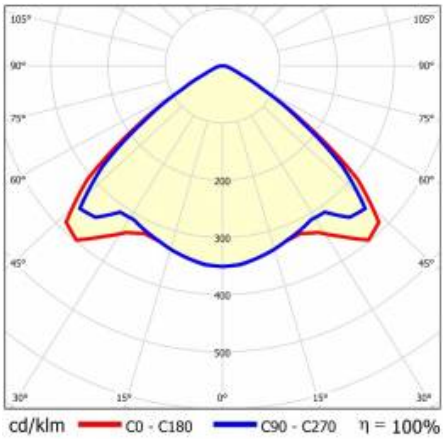
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 590825 |
| **EAN:** | 5905963590825 |
| **Light source:** | LED |
| **Rated power of the luminaire [W]:** | 82 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous flux [lm]:** | 15800 |
| **Luminous efficacy [lm/W]:** | 193 |
| **Light distribution type:** | VW |
| **Energy efficiency class:** | A |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Beam angle [°]:** | 105 |
| **Diffuser material:** | PC |
| **Diffuser type:** | transparent |
| **Diffuser colour:** | transparent |
| **Material of the body:** | galvanized coated steel |
| **Colour of the body:** | RAL9010 |
| **Dimensions (H/W/T/S) [mm]:** | 1760/67/50 |

| | |
|---|---|
| **Impact resistance:** | IK03 |
| **Ingress protection:** | IP54 |
| **Mounting version:** | surface, suspended |
| **Working temperature [°C]:** | from -25 to +35 |
| **DIMM DALI:** | yes |
| **Number on the palette [pcs]:** | 104 |
| **Net weight [kg]:** | 2 |
| **LED lifespan L70B50 [h]:** | 196000 |
| **LED lifespan L80B10 [h]:** | 123000 |
| **LED lifespan L90B10 [h]:** | 60000 |
| **Mark D:** | yes |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 45/2025 |
| **ENEC Certificate:** | 0331/ENEC/23 |
| **HACCP:** | 852/2004 |
| **Environmental Product Declaration (EPD):** | 852/2025 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

## LIGHT CURVES



# LINEA S LED 1760MM 15800LM 840 IP54 VW DALI (82W)

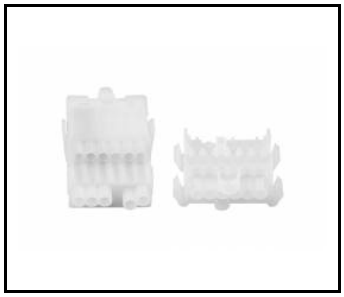
DETAILED CARD

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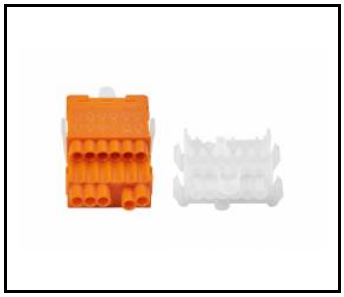
DETAILED CARD

## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 980077 | LINEA S LED hang 3m |
| 980084 | LINEA S LED power set 5P |
| 981388 | LINEA S LED power set 11P |
| 981173 | LINEA S LED hang 1.5m |
| 980954 | Linea S LED surface mount bracket |
| 981418 | LINEA S LED pendant sm 1.5 |
| 981425 | LINEA S LED chain pendant |
| 980978 | Linea S LED power set 7P |
| 980961 | LINEA S LED pendant sm 3m |
| 592256 | LINEA S LED - end cap IP54 LS2 |
| 592263 | LINEA S LED - end cap IP54 |
| 592270 | LINEA S LED - LED profile connector IP54 |
| 592287 | LINEA S LED - connector of SUPPORT profiles IP54 |
| 592294 | LINEA S LED - metal cover 584mm IP54 |
| 592300 | LINEA S LED - metal cover 1172mm IP54 |
| 592317 | LINEA S LED - metal cover 1760mm IP54 |
| 592362 | LINEA S LED - Power connector removal tool |



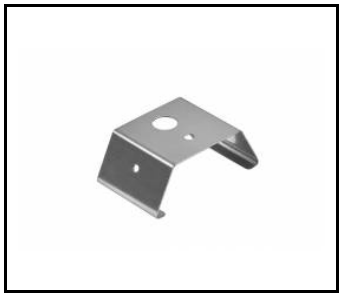
LINEA S LED power set 5P (980084)



LINEA S LED power set 11P (981388)



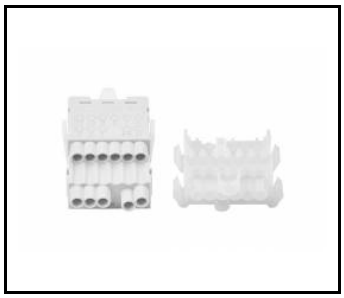
LINEA S LED hang 1.5m (981173)



Linea S LED surface mount bracket (980954)



LINEA S LED chain pendant (981425)



Linea S LED power set 7P (980978)

# LINEA S LED 1760MM 15800LM 840 IP54 VW DALI (82W)

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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: 45/2025

LENA LIGHTING

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