

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	590375
<b>Ingress protection:</b>	IP54
<b>Impact resistance:</b>	IK03
<b>Rated power of the luminaire [W]*:</b>	82
<b>Luminous flux [lm]*:</b>	15800
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	3
<b>Energy efficiency class:</b>	A
<b>Material of the body:</b>	galvanized coated steel
<b>Colour of the body:</b>	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.

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

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Index:	590375	Dimensions (H/W/T/S) [mm]:	1760/67/50
EAN:	5905963590375	Impact resistance:	IK03
Light source:	LED	Ingress protection:	IP54
Rated power of the luminaire [W]:	82	Mounting version:	surface, suspended
Supply voltage [V]:	220-240	Working temperature [°C]:	from -25 to +35
Frequency [Hz]:	50-60	Net weight [kg]:	1.900
Luminous flux [lm]:	15800	LED lifespan L70B50 [h]:	196000
Luminous efficacy [lm/W]:	193	LED lifespan L80B10 [h]:	123000
Light distribution type:	MW	LED lifespan L90B10 [h]:	60000
Energy efficiency class:	A	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Electrical protection class:	I	Warranty [years]:	5
Colour temperature [K]:	4000	CE certificate:	<a href="#">45/2025</a>
Color rendering index (Ra) >:	80	ENEC Certificate:	<a href="#">0331/ENEC/23</a>
SDCM:	3	HACCP:	<a href="#">852/2004</a>
Beam angle [°]:	90	Manual:	<a href="#">Download PDF</a>
Diffuser material:	PC	Environmental Product Declaration (EPD):	<a href="#">852/2025</a>
Diffuser type:	transparent	Mark D:	yes
Diffuser colour:	transparent	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Material of the body:	galvanized coated steel	Plik LDT:	<a href="#">Download</a>
Colour of the body:	RAL9010		

## LIGHT CURVES



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

---

DETAILED CARD

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

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 MW (82W)

---

DETAILED CARD

Card creation date: 04 November 2025

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: 45/2025



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