LINEA S LED ECO 2940MM 5200LM 840 IP40 105D DALI (31W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	594311
Ingress protection:	IP40
Impact resistance:	IK03
Rated power of the luminaire [W]*:	31
Luminous flux [lm]*:	5200
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Energy efficiency class:	B
Material of the body:	coated steel
Colour of the body:	RAL9010

CHARACTERISTICS

Linea S LED Eco is a surface-mounted and pendant light-line system, representing a new generation of luminaires dedicated to LED technology. The design used allows for easy installation and power connection. The steel body, designed from the ground up, ensures the luminaire's strength and robustness, while the narrow side profile allows installation in hard-to-reach areas. The ECO version is dedicated to investments where the length of individual light lines supplied from a single cable (not including modules with bezels and not including current protection) does not exceed 40m. The light modules are permanently connected to the carrier modules using dedicated cubes. The optics used in the other luminaires of the LINEA S family are possible.

APPLICATION

A versatile led lamp for indoor use, particularly suitable for lighting large-scale commercial buildings, possibly on production and storage halls.

LINEA S LED ECO 2940MM 5200LM 840 IP40 105D DALI (31W)

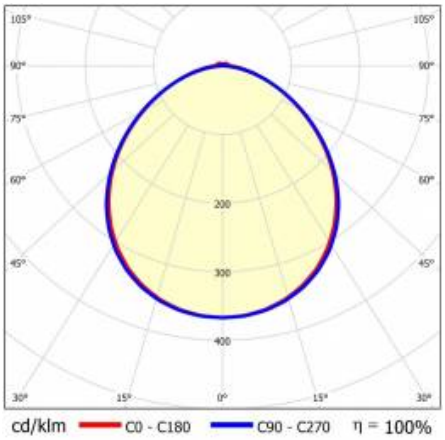
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	594311
EAN:	5905963594311
Light source:	LED
Rated power of the luminaire [W]:	31
Supply voltage [V]:	220-240
Frequency [Hz]:	50-60
Luminous flux [lm]:	5200
Luminous efficacy [lm/W]:	168
Energy efficiency class:	B
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
Beam angle [°]:	105
Diffuser material:	PC
Diffuser type:	matrix led
Material of the body:	coated steel
Colour of the body:	RAL9010
Dimensions (H/W/T/S) [mm]:	2940/53/54
Impact resistance:	IK03
Ingress protection:	IP40
Mounting version:	surface, suspended

Working temperature [°C]:	from -20 to +35
DIMM DALI:	yes
Number on the palette [pcs]:	100
Net weight [kg]:	5.150
AC voltage range [V]:	198-264
DC voltage range [V]:	176-280
Light distribution type:	symmetric
LED lifespan L70B50 [h]:	150000
LED lifespan L80B10 [h]:	100000
LED lifespan L90B10 [h]:	45000
Mark D:	yes
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	106/2024
ENEC Certificate:	0331/ENEC/23
HACCP:	852/2004
Manual:	Download PDF
Environmental Product Declaration (EPD):	869/2025
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES



LINEA S LED ECO 2940MM 5200LM 840 IP40 105D DALI (31W)

DETAILED CARD

ACCESSORIES AVAILABLE

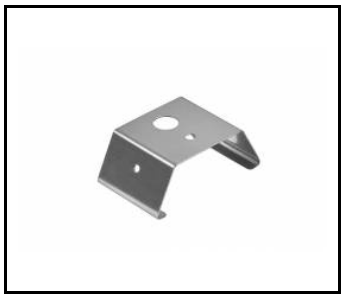
index	Name
980077	LINEA S LED hang 3m
981173	LINEA S LED hang 1.5m
980954	Linea S LED surface mount bracket
981418	LINEA S LED pendant sm 1.5
981425	LINEA S LED chain pendant
980961	LINEA S LED pendant sm 3m
594458	LINEA S LED ECO 588mm 260lm AW DOT CS 2W 1h NM AT
594465	LINEA S LED ECO 588mm - 1xEXPO ADJUST 2050lm DALI zoom 22-55st. White 840 20W
594472	LINEA S LED ECO 588mm - 1xEXPO ADJUST 2050lm zoom 22-55st. White 840 20W
594403	LINEA S LED ECO - metal cover 588mm
594410	LINEA S LED ECO - metal cover 1176mm
594427	LINEA S LED ECO - metal cover 1764mm
594434	LINEA S LED ECO - metal cover 2940mm
594441	LINEA S LED ECO - metal cover 3528mm
594496	LINEA S LED ECO - metal cover 588mm DALI
594502	LINEA S LED ECO - metal cover 1176mm DALI
594519	LINEA S LED ECO - metal cover 1764mm DALI
594526	LINEA S LED ECO - metal cover 2940mm DALI
594533	LINEA S LED ECO - metal cover 3528mm DALI
594489	LINEA S LED ECO - termination set

LINEA S LED ECO 2940MM 5200LM 840 IP40 105D DALI (31W)

DETAILED CARD



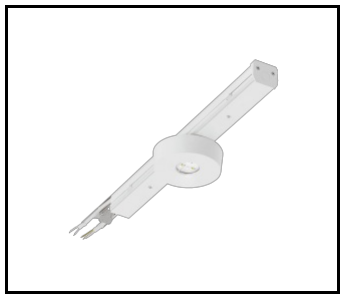
LINEA S LED hang 1.5m (981173)



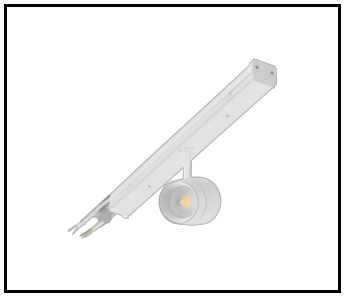
Linea S LED surface mount bracket (980954)



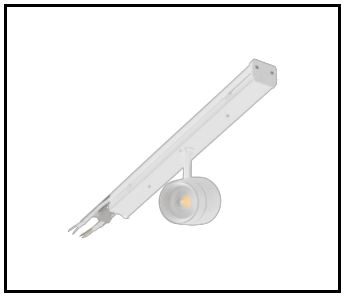
LINEA S LED chain pendant (981425)



LINEA S LED ECO 588mm 260lm AW DOT CS 2W 1h NM AT (594458)



LINEA S LED ECO 588mm - 1xEXPO ADJUST 2050lm DALI zoom 22-55st. White 840 20W (594465)



LINEA S LED ECO 588mm - 1xEXPO ADJUST 2050lm zoom 22-55st. White 840 20W (594472)

Card creation date: 28 October 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 106/2024

LENA LIGHTING

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