LINEA 2 LED 1680MM 8000LM DALI LS2 7P 840 90D (51W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	966682
Ingress protection:	IP20
Impact resistance:	IK06
Nominal power [W]:	51
Luminous flux [lm]*:	8000
Colour temperature [K]:	4000
SDCM:	3
Energy efficiency class:	C
Material of the body:	aluminium
Colour of the body:	grey

CHARACTERISTICS

LINEA 2 LED is the NEXT GEN pendant and surface-mounted lighting line system, a new generation of lamps dedicated to LED technology. The innovative connection system and pass-through cabling allow the luminaires to be quickly combined into a lighting line. The design used allows for easy assembly and power connection. The aluminium profile body, made from scratch, ensures the luminaire's strength and robustness, while the narrow side profile allows installation in hard-to-reach areas. Diodes from a renowned manufacturer integrated in redesigned, completely new modules contribute to a very high luminous efficacy: up to 157 lm/W. This guarantees that the required illuminance level is achieved and significant energy savings are made. The optics are made of UV-resistant PMMA. Thanks to the use of linear lenses, adaptation to different lighting requirements is possible - 3 distribution angles: 90, 60, 45.

APPLICATION

Particularly well suited for indoor use. Dedicated as the primary light source for commercial facilities, manufacturing plants and warehouses. It is appropriate for new applications as well as replacing conventional T8 & T5 fittings on energy-saving LED solutions.

LINEA 2 LED 1680MM 8000LM DALI LS2 7P 840 90D (51W)

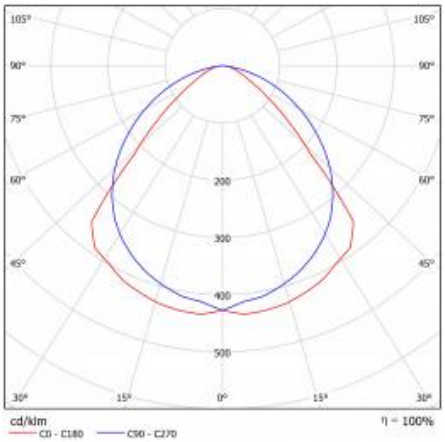
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	966682
Light source:	LED module
Nominal power [W]:	51
Rated power of the luminaire [W]:	51
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	8000
Luminous efficacy [lm/W]:	146
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Beam angle [°]:	90
Optics material:	PMMA
Optics:	lens
Material of the body:	aluminium
Colour of the body:	grey
Dimensions (H/W/T/S) [mm]:	47/52/1680
Impact resistance:	IK06

Ingress protection:	IP20
Mounting version:	surface, suspended
DIMM DALI:	yes
Through wiring:	LS2 7P
Net weight [kg]:	2.210
Category type:	quick assembly lines
Category of application:	HoReCa, industrial, commercial facilities
LED lifespan L70B50 [h]:	103000
LED lifespan L80B10 [h]:	65000
LED lifespan L90B10 [h]:	32000
Working temperature [°C]:	from -15 to +35
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	170/2023
ENEC Certificate:	0334/ENEC/23
Manual:	Download PDF
The number of implement units:	1
Environmental Product Declaration (EPD):	852/2025
Plik LDT:	Download

LIGHT CURVES

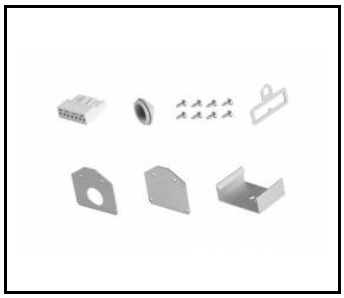


LINEA 2 LED 1680MM 8000LM DALI LS2 7P 840 90D (51W)

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
966309	LINEA 2 LED 1680mm - LS2 5P blank module
966316	LINEA 2 LED 1680mm - LS2 7P blank module
966644	LINEA 2 LED 3360mm - LS2 5P blank module
966651	LINEA 2 LED 3360mm - LS2 7P blank module
966323	LINEA 2 LED - closing set
966330	LINEA 2 LED - 840mm cover



LINEA 2 LED - closing set (966323)

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: 170/2023

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