

LINEA 2 LED 1680MM 8000LM LS2 5P 840 60D (51W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	966200
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.

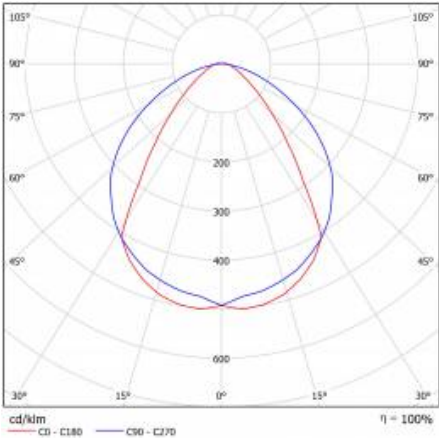
LINEA 2 LED 1680MM 8000LM LS2 5P 840 60D (51W)

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Nominal power [W]:	51	Colour of the body:	grey
Light source:	LED module	Impact resistance:	IK06
Colour temperature [K]:	4000	Ingress protection:	IP20
Luminous flux [lm]:	8000	Mounting version:	surface, suspended
Rated power of the luminaire [W]:	51	Net weight [kg]:	2.100
Beam angle [°]:	60	Warranty [years]:	5
Supply voltage [V]:	220-240	Index:	966200
Frequency [Hz]:	50 - 60	Category type:	systems
Through wiring:	LS2 5P	Category of application:	HoReCa, commercial facilities, industrial
Dimensions (H/W/T/S) [mm]:	47/52/1680	LED lifespan L70B50 [h]:	103000
Energy efficiency class:	C	LED lifespan L80B20 [h]:	65000
Luminous efficacy [lm/W]:	146	LED lifespan L90B10 [h]:	32000
Electrical protection class:	I	CE certificate:	170/2023
Colour rendering index:	>80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	≤ 3	Warranty [years]:	5
Optics material:	PMMA	Working temperature [°C]:	from -15 to +35
Optics:	lens	Manual:	Download PDF
Material of the body:	aluminium	ENEC Certificate:	0334/ENEC/23
		Plik LDT:	Download

LIGHT CURVES



LINEA 2 LED 1680MM 8000LM LS2 5P 840 60D (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)

Card creation date:19 March 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: 170/2023



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