LINEA 3 LED 1680MM 7600LM DALI LS2 7P 840 45D (54W)

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP40
Impact resistance:	IK06
Rated power of the luminaire [W]*:	54
Luminous flux [lm]*:	7600
Colour temperature [K]:	4000
SDCM:	3
Energy efficiency class:	C
Material of the body:	aluminium
Colour of the body:	grey
Optics material:	PMMA

CHARACTERISTICS

LINEA 3 LED is a system of suspended and surface-mounted NEXT-GEN lighting lines, which is a new generation of lamps dedicated to LED technology. An innovative connection system and through wiring allow quick connection of luminaires into a lighting line. The construction used allows for easy installation and connection of the power supply. The body, made from scratch, made of aluminum profile, provides the luminaire with strength and solidity, and the narrow side profile allows installation in hard-to-reach places. LEDs from reputable manufacturers integrated with redesigned brand new LED modules have an impact on very high luminous efficacy. This guarantees that the required lighting level is achieved and that significant energy savings are achieved. The optical system is made of UV-resistant PMMA. Thanks to the use of linear lenses it is possible to adapt to different lighting requirements - 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 3 LED 1680MM 7600LM DALI LS2 7P 840 45D (54W)

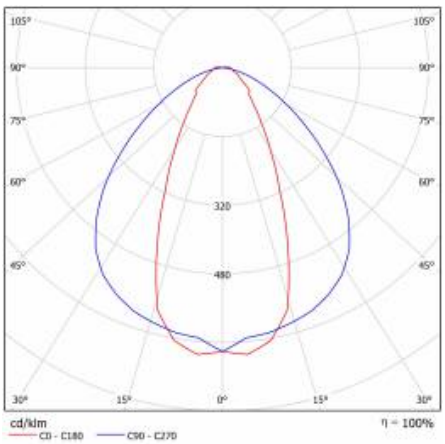
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	974199
Light source:	LED module
Nominal power [W]:	51
Rated power of the luminaire [W]:	54
Supply voltage [V]:	220 - 240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	7600
Luminous efficacy [lm/W]:	141
Energy efficiency class:	C
Electrical protection class:	I
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
LED lifespan L70B50 [h]:	117000
LED lifespan L80B10 [h]:	74000
LED lifespan L90B10 [h]:	36000
Optics material:	PMMA
Material of the body:	aluminium
Colour of the body:	grey

Dimensions (H/W/T/S) [mm]:	1680/47/52
Impact resistance:	IK06
Ingress protection:	IP40
Glow wire test [°C]:	650
Mounting version:	surface, suspended
DIMM DALI:	yes
Through wiring:	7x2,5
Net weight [kg]:	2.310
Category type:	quick assembly lines
Category of application:	industrial
AC voltage range [V]:	198 - 264
DC voltage range [V]:	176 - 280
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	169/2023
Manual:	Download PDF
The number of implement units:	1
Environmental Product Declaration (EPD):	852/2025
Plik LDT:	Download

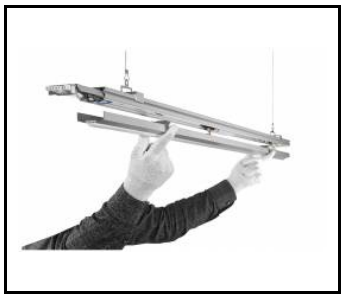
LIGHT CURVES



LINEA 3 LED 1680MM 7600LM DALI LS2 7P 840 45D (54W)

DETAILED CARD

TECHNICAL DETAILS



LINEA 3 LED

LINEA 3 LED 1680MM 7600LM DALI LS2 7P 840 45D (54W)

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
974601	Linea 3 LED 1680mm - moduł LS2 5P
974618	Linea 3 LED 1680mm - moduł LS2 7P
974625	Linea 3 LED 3340mm - moduł LS2 5P
974632	Linea 3 LED 3340mm - moduł LS2 7P
974649	Linea 3 LED - closing set

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: 169/2023

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