

LF500 -G1-827-10 discontinued

LINEARlight FLEX LOW POWER 500 - discontinued | – LED modules for professional and industrial applications



Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Nominal wattage per meter	3.9 W
Rated wattage	39.00 W
Input voltage range	23...25 V
Accidental reverse input voltage protection up to	25 V

Photometrical data

Light color LED	White
Color rendering index Ra	≥80
Luminous flux per meter	480 lm
Luminous efficacy	123 lm/W
Light color (designation)	2700 K
Color temperature	2750 K

Light technical data

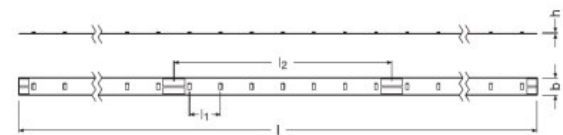
LED pitch	14.29 mm
Beam angle	120 °

LED module information

Number of LEDs per meter	70
Number of LEDs per smallest unit	7
Maximum operable length	10000 mm ¹⁾

¹⁾ Max. cumulative product length powering it from a single end

Dimensions & weight



Product datasheet

Length	10000 mm
Length – smallest unit	100.0 mm
Width	8.00 mm
Height	1.40 mm
Product weight	71.80 g

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	35 °C
Temperature range in operation at T _c point	-30...75 °C ¹⁾
Ambient temperature range	-30...+50 °C ²⁾
Temperature range at storage	-40...+85 °C

¹⁾ Exceeding the maximum ratings will reduce expected life time or destroy the LED strip.

²⁾ Rated ambient temp. 25°C/Providing that temperature at T_c point is below max value during operation/Temperature ramping for environmental testing acc. to IEC 62717, 1K/min

Lifespan

Rated lamp life time	60000 h ¹⁾
Nominal lamp life time	60000 h

¹⁾ L70/B50 at T_c 40 °C

Capabilities

Lowest bending radius	20 mm
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Certificates & standards

Standards	CE; ENEC 10 VDE/EAC/UL Recognized component according UL 8750
Type of protection	IP00

Logistical data

Commodity code	940540399000
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Download Data

File	
	User instruction LINEARlight FLEX Low Power
	Product Datasheet LINEARlight FLEX Low Power LF500 Specification Sheet (EN)
	Brochures Light is freedom of design (EN)

Product datasheet

	Certificates VDE-ENEC Certificate
	Certificates UL Certificate
	Certificates UL Certificate-20180523-E346592
	Certificates CB TEST CERTIFICATE
	Declarations of conformity EU declaration of conformity 3657641
	Declarations of conformity Manufacturers Declaration of Conformity 3657643
	Eulumdat Eulumdat LF500-G1-827-10
	IES data IES data LF500-G1-827-10

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899575172	LF500 -G1-827-10 discontinued	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1507.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.