

LF500 -G1-840-10 L2

LINEARlight FLEX Low Power IP00 | LED-moduler för professionella och industriella applikationer



Tekniska data

Elektriska data

Nominell märkspänning	24,0 V
Strömtyp	Direkt ström (DC)
Nominell wattstyrka per meter	3,9 W
Märkeffekt	39,00 W
Inspänningsområde	23...25 V
Accidental reverse input voltage protection up to	25 V

Fotometrisk data

Färgåtergivningsindex Ra	>80
Ljusflöde per meter	520 lm
Totalt användbart ljusflöde	5200 lm
Ljusutbyte	133 lm/W
SDCM Standardavvikelse färgmatchning	≤3 sdcn
Ljuskfärg (angiven)	4000 K
Färgtemperatur	4000 K
Färgtemperatur	4000 K

Ljustekniska värden

LED pitch	14.29 mm
Spridningsvinkel	120 °
Uppstartstid	< 0,5 s
Uppvärmningstid (60 %)	< 0,50 s

LED-modulinformation

Antal LED per meter	70
Antal LED per minsta enhet	7

Mått



Längd	10000,0 mm
Längd – minsta enheten	100,0 mm
produktvikt	86,40 g
Ledningsarea ingångsida	0.51 mm ²
Bredd	8,00 mm
Höjd	1,40 mm

Temperaturer och driftsförhållanden

Temperaturbetende enl. IEC 62717	35 °C
Temperaturområde vid Tc punkten	-30...75 °C ¹⁾
Omgivningstemperaturområde	-30...+50 °C ²⁾
Förvaringstemperatur	-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 Tc point is below max value during operation/Temperature ramping for environmental testing acc. to IEC 62717, 1K/min

Livslängder

Beräknad livslängd	60000 h
Nominell livslängd	60000 h
Ljusnedgångsfaktor	0,70
Antal tändcykler	> 15000

Tillägg produktdata

Produkten ersätts av EAN	4052899575233
ID of contained light source [AGGR]	LS_TRV_274089

Användningsområden

Lowest bending radius	20 mm
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Produktdatablad

Self-adhesive	Ja
With connection set	Nej
With end piece	Nej

Certifikat och Standarder

Energiförbrukning	43 kWh/1000h
Standarder	CE/UL/ENEC/EAC
Skyddstyp	IP20
Energy efficiency class of the contained light source	E

Logistikdata

Statistiskt varunummer	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	07-07-2023
Primary Article Identifier	4062172142373
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	0e759a3b-d142-4785-a773-00aee3c6f638

Databladstext

- not relevant
- not relevant
- not relevant
- Avoid installations in rural and urban areas with high industrial activity and heavy traffic (higher than class than 4C1 according IEC 60721-3) and as well as installation in spa, areas with chlorine atmosphere, direct exposure to blown sand.

Download

Dokument	
	User instruction LINEARlight FLEX Low Power
	Product Datasheet LINEARlight FLEX Low Power LF500 L2 Specification Sheet (EN)
	Broschyrer Light is freedom of design (EN)

	Certifikat VDE-ENEC Certificate
	Konformitetsdeklaration LF500-G1 CE 3657641 221121
	Konformitetsdeklaration Manufacturers Declaration of Conformity 3657643
	Eulumat Eulumat LF500-G1-840-10
	IES data IES data LF500-G1-840-10

Ecodesign regulation information:

- This product is considered to be a "containing product" in the sense of Regulations (EU) 2019/2020 and (EU) 2019/2015.
- Tolerances of the reported values, are according to LED Modules Performance standard IEC/EN 62717.
- In general, the replacement of the contained light sources without permanent damage to the product with the use of common available tools is possible in the final application when they can be dismantled from the installation environment and substituted for the necessary number of light sources restoring its full electrical/mechanical/thermal/optical functionality by means of a professional installer. In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- Dismantling of light sources from containing products at end of life: Containing products with light sources which are scalable in length can be cut to the length of the contained light source and if applicable mechanically detached from protective and/or optical covers. Containing products shall be separated from building material and/or from other additional mounting accessories by means of a professional installer. Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistiska data

Produktnummer	Produktbeskrivning	Förpackningsenhet (Styck/Enhet)	Dimensioner (längd x bredd x höjd)	Volym	Bruttovikt
4062172142373	LF500 -G1-840-10 L2	Transportförpackning 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1624.00 g

Produktkoden gäller minsta tillåtna beställningskvantitet. En transportförpackning kan innehålla en eller flera produkter. Vid orderläggning, vänligen ange en eller flera transportförpackningar.

Valfria tillbehör

Produktbeskrivning	Tillbehörets namn	Tillbehörets kod
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Produktdatablad

LF500 -G1-840-10 L2	CONN-FLEX -2P-050 KIT 10PCS	▶ 4062172179591
LF500 -G1-840-10 L2	CONN-FLEX -2P-200 KIT 10PCS	▶ 4062172179614
LF500 -G1-840-10 L2	CORNER-FLEX -4P-003 KIT 10PCS	▶ 4062172179638
LF500 -G1-840-10 L2	CORNER-FLEX -4P-015 KIT 10PCS	▶ 4062172179676
LF500 -G1-840-10 L2	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
LF500 -G1-840-10 L2	FX-QMS-G1 -TU15H6-300	▶ 4052899448865
LF500 -G1-840-10 L2	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LF500 -G1-840-10 L2	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LF500 -G1-840-10 L2	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LF500 -G1-840-10 L2	FX -SC08-G2-CT4PJ	▶ 4052899464858
LF500 -G1-840-10 L2	FX-QMS-G1 -TU16H12LS-300	▶ 4052899449046

Friskrivningsklausul

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