

LF500 -G1-840-10 L2

LINEARlight FLEX Low Power IP00 | Moduli LED per applicazioni professionali e industriali



Dati tecnici

Dati elettrici

Tensione nominale	24,0 V
Tipo di corrente	DC
Potenza nominale al metro	3,9 W
Potenza di costruzione	39,00 W
Gamma di tensione	23...25 V
Accidental reverse input voltage protection up to	25 V

Dati fotometrici

Indice di resa cromatica Ra	>80
Flusso luminoso al metro	520 lm
Flusso luminoso utile totale	5200 lm
Efficienza luminosa	133 lm/W
Standard Deviation of Color Matching	≤3 sdc _m
Colore della luce (descrizione)	4000 K
Temperatura di colore	4000 K
Temperatura di colore	4000 K

Dati illuminotecnici

LED pitch	14.29 mm
Ampiezza fascio luminoso	120 °
Tempo innesco	< 0,5 s
Tempo di riscaldamento (60 %)	< 0,50 s

Informazioni sul modulo LED

Numero di LED al metro	70
Numero di LED per unità più piccola	7

Dimensioni e peso



Lunghezza	10000,0 mm
Lunghezza unità più piccola	100,0 mm
Peso prodotto	86,40 g
Sezione dei cavi, lato ingresso	0.51 mm ²
Larghezza	8,00 mm
Altezza	1,40 mm

Temperature e condizioni di utilizzo

Performance temp. acc. to IEC 62717	35 °C
Temperatura di funzionamento	-30...75 °C ¹⁾
Temperatura ambiente	-30...+50 °C ²⁾
Temperatura di stoccaggio	-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

Durata

Durata caratteristica della lampada	60000 h
Durata nominale della lampada	60000 h
Fattore manten. flus lum fine durata nom	0,70
Numero cicli accensione / spegnimento	> 15000

Dati di prodotto aggiuntivi

EAN sostitutivo	4052899575233
ID of contained light source [AGGR]	LS_TRV_274089

Caratteristiche

Lowest bending radius	20 mm
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Scheda prodotto

Self-adhesive	Si
With connection set	No
With end piece	No

Certificati, Norme, Direttive

Consumo di energia	43 kWh/1000h
Norme	CE/UL/ENEC/EAC
Grado di protezione	IP20
Energy efficiency class of the contained light source	E

Dati logistici

Codice prodotto di base	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

Testo delle specifiche

- 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 dati

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

Scheda prodotto

	Certificati VDE-ENEC Certificate
	Dichiarazioni di conformità LF500-G1 CE 3657641 221121
	Dichiarazioni di conformità Manufacturers Declaration of Conformity 3657643
	Eulumdat Eulumdat 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.

Dati logistici

Codice prodotto	Descrizione del prodotto	Unità di imballo (Pezzi/unità)	Dimensioni (lunghezza x profondità x altezza)	Volume	Peso lordo
4062172142373	LF500 -G1-840-10 L2	Cartone di spedizione 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1624.00 g

1)  codice prodotto indicato descrive la minore quantità che può essere ordinata. Una unità di spedizione può contenere uno o più di un singolo prodotto. Quando si inserisce un ordine, per la quantità inserire una o più unità di spedizione.

Accessori opzionali

Descrizione del prodotto	Nome dell'accessorio	Codice dell'accessorio
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Scheda prodotto

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

Clausola

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