

LF500 -G1-840-10 L2

LINEARlight FLEX Low Power IP00 | Módulos LED para aplicações profissionais e industriais



Dados técnicos

Dados elétricos

Tensão nominal	24,0 V
Tipo de corrente	Corrente contínua (DC)
Potência nominal por metro	3,9 W
potência nominal	39,00 W
Gama de tensão de entrada	23...25 V
Accidental reverse input voltage protection up to	25 V

Dados fotométricos

Índice de reprodução de cor Ra	>80
Fluxo luminoso por metro	520 lm
Fluxo luminoso útil total	5200 lm
Rendimento luminoso	133 lm/W
Desvio padrão de combinação de cores	≤3 sdc _m
Tonalidade (designação)	4000 K
Temperatura de cor	4000 K
Temperatura de cor	4000 K

Dados luminotécnicos

LED pitch	14.29 mm
Ângulo de abertura	120 °
Tempo de ligamento	< 0,5 s
Tempo de aquecimento (60 %)	< 0,50 s

Informação sobre módulos LED

Número de LEDs por metro	70
Número de LEDs por menor unidade	7

Dimensões e peso



Comprimento	10000,0 mm
Comprimento da menor unidade	100,0 mm
Peso do produto	86,40 g
Secção do cabo, primário	0.51 mm ²
Largura	8,00 mm
Altura	1,40 mm

Temperaturas e condições de funcionamento

Temp. funcionamento, conforme IEC 62717	35 °C
Gama de temperatura no funcionamento	-30...75 °C ¹⁾
Temperatura ambiente	-30...+50 °C ²⁾
Temperatura de armazenagem	-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

Vida útil

Vida	60000 h
Vida nominal	60000 h
Manutenção de Lumen (fim vida nominal)	0,70
Número de ciclos de Liga e Desliga	> 15000

Informação adicional do produto

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

Atributos

Lowest bending radius	20 mm
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Ficha técnica do produto

Self-adhesive	Sim
With connection set	Não
With end piece	Não

Normas e Certificações

Consumo de energia	43 kWh/1000h
Normas	CE/UL/ENEC/EAC
Tipo de proteção	IP20
Energy efficiency class of the contained light source	E

Dados logísticos

Código do material	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

Texto ficha técnica

- 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 Data

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

Ficha técnica do produto

	Certificates VDE-ENEC Certificate
	Declarations of conformity LF500-G1 CE 3657641 221121
	Declarations of conformity 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.

Dados de Logística

Código do produto	Descrição do produto	Embalagem unitária (peças/unidade)	Dimensões (comprimento x largura x altura)	Volume	Peso bruto
4062172142373	LF500 -G1-840-10 L2	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm³	1624.00 g

O código do produto mencionado indica a quantidade mínima a ser adquirida. Uma caixa unitária pode conter um ou mais produtos. Quando for colocar o pedido de compras, indique uma quantidade unitária ou múltiplos da caixa unitária.

acessório opcional

Descrição do produto	nome do acessório	código do acessório
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Ficha técnica do produto

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

Retrata

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