

LFP500 -G1-927-10 L1

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



Benefícios do produto

- Type of protection: IP68 due to high performance silicon



Dados técnicos

Dados elétricos

Tensão nominal	240 V
Tipo de corrente	Corrente contínua (DC)
Potência nominal por metro	3,8 W
potência nominal	3800 W
Gama de tensão de entrada	23...25 V
Accidental reverse input voltage protection up to	25 V

Dados fotométricos

Cor da luz do LED	branco
Índice de reprodução de cor Ra	≥90
Fluxo luminoso por metro	380 lm
Fluxo luminoso útil total	3800 lm
Rendimento luminoso	100 lm/W
Desvio padrão de combinação de cores	≤3 sdc _m
Tonalidade (designação)	2700 K
Temperatura de cor	2660 K

Dados luminotécnicos

LED pitch	14.29 mm
Ângulo de abertura	120 °
Tempo de ligamento	< 05 s
Tempo de aquecimento (60 %)	< 050 s

Informação sobre módulos LED

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

Dimensões e peso

Comprimento	100000 mm
Comprimento da menor unidade	100,0 mm
Largura	111 mm
Altura	450 mm
Comprimento do cabo	5000
Peso do produto	56000 g
Secção do cabo, primário	0,5 mm ²

Temperaturas e condições de funcionamento

Temp. funcionamento, conforme IEC 62717	35 °C
Gama de temperatura no funcionamento	-30...70 °C ¹⁾
Temperatura de armazenagem	-40...85 °C

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

Vida útil

Vida	60000 h
Vida nominal	60000 h
Manutenção de Lumen (fim vida nominal)	070
Número de ciclos de Liga e Desliga	15000

Informação adicional do produto

ID of contained light source [AGGR]	LS_TRV_286554
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Atributos

Lowest bending radius	50 mm
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 protecção	IP68
Energy efficiency class of the contained light source	F

Dados logísticos

Código do material	85395100000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (RECh)	
Date of Declaration	19-05-2023
Primary Article Identifier	4062172283168
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.

Ficha técnica do produto

Declaration No. in SCIP database	e8cb106c-1663-4f6c-a7dd-0272fcb26838
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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 Protect Low Power
	Product Datasheet LINEARlight FLEX Protect Low Power LFP500 (EN)
	Brochures Light is freedom of design (EN)
	Certificates VDE ENEC CERTIFICATE 40052516 160823
	Declarations of conformity LFP500 G1 CE 3657731 160623
	Declarations of conformity Manufacturers Declaration of Conformity 3657733
	Eulumdat Eulumdat LFP500-G1-927-10
	IES data IES data LFP500-G1-927-10

Ficha técnica do produto

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
4062172283168	LFP500 -G1-927-10 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm³	8698.00 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
LFP500 -G1-927-10 L1	JUMPER -FLEX-IP67-2P KIT 5PCS	▶ 4062172176576
LFP500 -G1-927-10 L1	CONN-FLEX -IP67-2P KIT 5PCS	▶ 4062172176590
LFP500 -G1-927-10 L1	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
LFP500 -G1-927-10 L1	CONN-FLEX -IP67-2P-300 KIT 5PCS	▶ 4062172230162

Retrato

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