

LF500 -G1-940-10 L2

LINEARlight FLEX Low Power IP00 | Módulos LED para aplicaciones profesionales e industriales



Datos técnicos

Datos eléctricos

Tensión nominal	240 V
Tipo de corriente	corriente continua (CC)
Nivel de potencia nominal por metro	3,9 W
Potencia nominal	3900 W
Margen de voltaje	23...25 V
Accidental reverse input voltage protection up to	25 V

Datos Fotométricos

Tono de luz LED	blanco
Índice de reproducción cromática Ra	≥90
Flujo luminoso por metro	440 lm
Flujo luminoso total útil	4400 lm
Eficacia luminosa	113 lm/W
Desviación estándar de ajuste de color	≤3 sdc _m
Tono de luz (denominación)	4000 K
Temperatura de color	4030 K
Temperatura de color	4030 K

Datos técnicos de iluminación

LED pitch	14.29 mm
Ángulo de radiación	120 °
Tiempo de arranque	< 05 s
Tiempo de precalentamiento (60 %)	< 050 s

Información módulos LED

Número de LEDs por metro	70
Número de LED por unidad más pequeña	7

Dimensiones y peso



Largo	100000 mm
Longitud – unidad más pequeña	100,0 mm
Peso del producto	8640 g
Sección de cable, entrada	0.51 mm ²
Ancho	800 mm
Alto	140 mm

Temp. y condiciones de funcionamiento

Rendimiento temp. según norma IEC 62717	35 °C
Área de temperatura de funcionamiento	-30...75 °C ¹⁾
Temperatura de almacenamiento	-40...85 °C

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

Duración de vida

Vida útil lámpara	60000 h
Vida útil nominal lámpara	60000 h
Factor manten.lumen final vida útil nomi	070
Número de ciclos de encendidos	15000

Datos adicionales del producto

ID of contained light source [AGGR]	LS_TRV_274096
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Capacidades

Lowest bending radius	20 mm
Self-adhesive	Sí
With connection set	No
With end piece	No

Hoja de datos de producto

Certificados & Normas

Consumo de energía	43 kWh/1000h
Normas	CE/UL/ENEC/EAC
Tipo de protección	IP20
Energy efficiency class of the contained light source	F

Datos logísticos

Número estadístico de 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	4062172272131
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	a3aef31c-c941-41a7-a7da-19928fd760df

Texto de la hoja técni

- 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.

Descarga datos

Fichero	
	User instruction LINEARlight FLEX Low Power
	Product Datasheet LINEARlight FLEX Low Power LF500 L2 Specification Sheet (EN)
	Folleto de ventas Light is freedom of design (EN)
	Certificados VDE-ENEC Certificate
	Declaración de conformidad LF500-G1 CE 3657641 221121

	Declaración de conformidad Manufacturers Declaration of Conformity 3657643
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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.

Logistical Data

Código del producto	Descripción del producto	Unidad de embalaje (Piezas/unidad)	Dimensiones (largo x ancho x alto)	Volúmen	Peso bruto
4062172272131	LF500 -G1-940-10 L2	Embalaje de envío 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1624.00 g

El código del producto mencionado describe la unidad más pequeña de la cantidad que se puede pedir. Una unidad de envío puede contener uno o más productos individuales. Al cursar un pedido, introduzca la cantidad de la unidad de envío o su múltiple.

Accesorios Opcionales

Descripción del producto	Nombre de accesorio	Código de accesorio
LF500 -G1-940-10 L2	CONN-FLEX -2P-050 KIT 10PCS	▶ 4062172179591
LF500 -G1-940-10 L2	CONN-FLEX -2P-200 KIT 10PCS	▶ 4062172179614
LF500 -G1-940-10 L2	CORNER-FLEX -4P-003 KIT 10PCS	▶ 4062172179638
LF500 -G1-940-10 L2	CORNER-FLEX -4P-015 KIT 10PCS	▶ 4062172179676
LF500 -G1-940-10 L2	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300

Hoja de datos de producto

LF500 -G1-940-10 L2	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LF500 -G1-940-10 L2	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LF500 -G1-940-10 L2	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LF500 -G1-940-10 L2	FX -SC08-G2-CT4PJ	▶ 4052899464858

Aviso

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