

LF1100TW-G5 -927.965-09 L2

LINEARlight FLEX Tunable White IP00 | Módulos LED para soluciones flexibles e individualizadas



Características del producto

- 24 V LED strips flexible and cuttable
- Up to 60,000 h L90/B10 with SDT technology, tested acc. to IEC 62717 on real LED strips
- Adjustable color temp. via Tunable White: 2200...3500 K, 2500...4000 K, 2700...5700 K CRI90
- Adjustable color temp. via Tunable White: 2200...3500 K, 2500...3500 K, 2700...6500 K CRI80
- CRI80, CRI90 options available
- Stable light flux over length: active constant current regulators (ICs), PWM safe
- Embedded automatic quick protection against accidental miswiring up to 25 V
- Fully PWM dimmable from zero up to 2.5 kHz, audible noise free, suitable for quite places
- Designed, engineered and manufactured and tested in Italy (ISO9001, ISO 17025, ACCREDIA, VDE)

Beneficios del producto

- Color uniformity better than 3 SDCM on the entire LED strip and between strips
- LED lifetime acc.to IES LM-80 and IES TM-21 standards, and also internal OSRAM LAB tests
- Excellent robustness: single reel manufacturing technology (no solder joints on strip)
- Montaje sencillo en numerosas superficies lisas gracias a la cinta autoadhesiva en el lado posterior
- Diseño extraordinario y materiales de alta calidad
- Pre-soldered wires

Áreas de aplicación

- Iluminación de bóvedas
- Iluminación de comercios
- Oficinas



Hoja de datos de producto

Datos técnicos

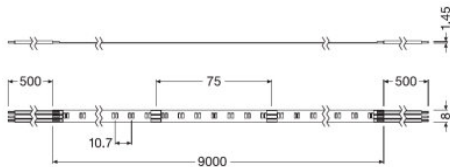
Datos eléctricos

Tensión nominal	240 V
Tipo de corriente	corriente continua (CC)
Nivel de potencia nominal por metro	9,8 W
Potencia nominal	8840 W
Margen de voltaje	23...25 V
Accidental reverse input voltage protection up to	25 V

Datos Fotométricos

Tono de luz LED	Dynamic White
Índice de reproducción cromática Ra	90
Flujo luminoso por metro	1156 lm
Eficacia luminosa	118 lm/W
Desviación estándar de ajuste de color	≤3 sdc _m
Tono de luz (denominación)	2700...6500 K
Temperatura de color	4180 K

Dimensiones y peso



Largo	90000 mm
Longitud del cable	5000
Peso del producto	10400 g
Sección de cable, entrada	0,5 mm ²
Ancho	800 mm
Alto	140 mm

Temp. y condiciones de funcionamiento

Área de temperatura de funcionamiento	-20...+85 °C ¹⁾
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Hoja de datos de producto

Temperatura de almacenamiento	-40...+85 °C
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1) Exceeding the maximum ratings will reduce expected life time or destroy the LED strip.

Datos adicionales del producto

ID of contained light source [AGGR]	LS_TRV_286286
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Capacidades

Regulable	Sí
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Certificados & Normas

Energy efficiency class of the contained light source	F
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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	19-05-2023
Primary Article Identifier	4062172263696
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	d751d4ed-f883-4c1c-834c-4e9ef2896222

Equipamiento / Accesorios

- Conexión simplificada con el sistema de conexión correspondiente CONNECTsystem
- Perfectly matched with OTi DALI 50/80 4CH DT6/8 and OTi DALI 160 2CH DT6/8
- Perfectly matched with OTi BLE 80/220-240/24 4CH

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

Hoja de datos de producto

Fichero	
	User instruction LINEARlight FLEX, Tunable White
	Product Datasheet LINEARlight Flex Tunable White CRI90 Specification Sheet (EN)
	Folleto de ventas Light is freedom of design (EN)
	Certificados VDE ENEC CERTIFICATE 40052516 160823
	Certificados LF(P) TW G5 CB 180121
	Declaración de conformidad LR FLEX TW2 CE 4249165 02 020823

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
4062172263696	LF1100TW-G5 -927.965-09 L2	Embalaje de envío 8	241 mm x 195 mm x 205 mm	9.63 dm³	1765.00 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.

Hoja de datos de producto

Accesorios Opcionales

Descripción del producto	Nombre de accesorio	Código de accesorio
LF1100TW-G5 -927.965-09 L2	CORNER-FLEX -4P-003 KIT 10PCS	▶ 4062172179638
LF1100TW-G5 -927.965-09 L2	CORNER-FLEX -4P-015 KIT 10PCS	▶ 4062172179676
LF1100TW-G5 -927.965-09 L2	CONN-FLEX -3P-050 KIT 10PCS	▶ 4062172179690
LF1100TW-G5 -927.965-09 L2	CONN-FLEX -3P-200 KIT 10PCS	▶ 4062172179720
LF1100TW-G5 -927.965-09 L2	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
LF1100TW-G5 -927.965-09 L2	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LF1100TW-G5 -927.965-09 L2	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LF1100TW-G5 -927.965-09 L2	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LF1100TW-G5 -927.965-09 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.