

## LF1100TW-G5 -922.935-09 L2

LINEARlight FLEX Tunable White IP00 | Módulos LED lineares para soluções de iluminação flexíveis e individualizadas



### Características do produto

- 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)

### Benefícios do produto

- 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)
- Fácil montagem em muitas superfícies lisas devido à fita autocolante na parte de trás
- Design extraordinário com materiais de alta qualidade
- Pre-soldered wires

### Áreas de aplicação

- Iluminação com sancas
- Iluminação de lojas
- Escritórios



Dados técnicos

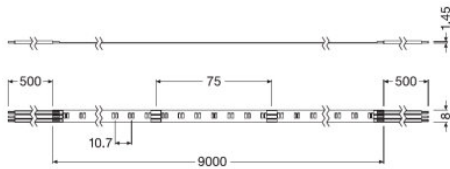
Dados elétricos

|                                                   |                        |
|---------------------------------------------------|------------------------|
| Tensão nominal                                    | 240 V                  |
| Tipo de corrente                                  | Corrente contínua (DC) |
| Potência nominal por metro                        | 10,9 W                 |
| potência nominal                                  | 9850 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                    | Dynamic White       |
| Temperatura de cor                   | 2200...3500 K       |
| Índice de reprodução de cor Ra       | 90                  |
| Fluxo luminoso por metro             | 1111 lm             |
| Rendimento luminoso                  | 102 lm/W            |
| Desvio padrão de combinação de cores | ≤3 sdc <sub>m</sub> |
| Temperatura de cor                   | 2700 K              |

Dimensões e peso



|                          |                     |
|--------------------------|---------------------|
| Comprimento              | 90000 mm            |
| Comprimento do cabo      | 5000                |
| Peso do produto          | 10400 g             |
| Secção do cabo, primário | 0,5 mm <sup>2</sup> |
| Largura                  | 800 mm              |
| Altura                   | 140 mm              |

Temperaturas e condições de funcionamento

|                                      |                            |
|--------------------------------------|----------------------------|
| Gama de temperatura no funcionamento | -20...+85 °C <sup>1)</sup> |
|--------------------------------------|----------------------------|

Ficha técnica do produto

|                            |             |
|----------------------------|-------------|
| Temperatura de armazenagem | -40...85 °C |
|----------------------------|-------------|

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

Informação adicional do produto

|                                     |               |
|-------------------------------------|---------------|
| ID of contained light source [AGGR] | LS_TRV_286061 |
|-------------------------------------|---------------|

Normas e Certificações

|                                                       |             |
|-------------------------------------------------------|-------------|
| Normas                                                | CE/ENEC/EAC |
| Energy efficiency class of the contained light source | F           |

Dados logísticos

|                    |             |
|--------------------|-------------|
| Código do material | 85395100000 |
|--------------------|-------------|

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                    |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date of Declaration                                                   | 09-06-2023                                                                                         |
| Primary Article Identifier                                            | 4062172189255                                                                                      |
| 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                                      | 103ac832-f72b-4c34-b09f-89e3b075d569                                                               |

Equipamento / Acessórios

- Ligação simplificada compatível com acessório opcional 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 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 |
|---------|

Ficha técnica do produto

|                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  | User instruction<br>LINEARlight FLEX, Tunable White                                |
|  | Product Datasheet<br>LINEARlight Flex Tunable White CRI90 Specification Sheet (EN) |
|  | Brochures<br>Light is freedom of design (EN)                                       |
|  | Certificates<br>VDE ENEC CERTIFICATE 40052516 160823                               |
|  | Certificates<br>LF(P) TW G5 CB 180121                                              |
|  | Declarations of conformity<br>LR FLEX TW2 CE 4249165 02 020823                     |
|  | Eulumdat<br>LF1100TW-G5-922.935-09 L2 LTD 130421                                   |
|  | IES data<br>LF1100TW-G5-922.935-09 L2 IES 130421                                   |

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 |
|-------------------|----------------------------|------------------------------------|--------------------------------------------|----------|------------|
| 4062172189255     | LF1100TW-G5 -922.935-09 L2 | Shipping carton box 8              | 241 mm x 195 mm x 205 mm                   | 9.63 dm³ | 1765.00 g  |

Ficha técnica do produto

Dados de Logística

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 |
|----------------------------|-------------------------------|---------------------|
| LF1100TW-G5 -922.935-09 L2 | CORNER-FLEX -4P-003 KIT 10PCS | ▶ 4062172179638     |
| LF1100TW-G5 -922.935-09 L2 | CORNER-FLEX -4P-015 KIT 10PCS | ▶ 4062172179676     |
| LF1100TW-G5 -922.935-09 L2 | CONN-FLEX -3P-050 KIT 10PCS   | ▶ 4062172179690     |
| LF1100TW-G5 -922.935-09 L2 | CONN-FLEX -3P-200 KIT 10PCS   | ▶ 4062172179720     |
| LF1100TW-G5 -922.935-09 L2 | LTS-SLIMTRACK -2000 KIT 5 PCS | ▶ 4062172207300     |
| LF1100TW-G5 -922.935-09 L2 | FX-QMS-G1 -TU15H6W3-300       | ▶ 4052899448889     |
| LF1100TW-G5 -922.935-09 L2 | FX-QMS-G1 -TU16H12W3-300      | ▶ 4052899448988     |
| LF1100TW-G5 -922.935-09 L2 | FX-QMS-G1 -TU16H12-300        | ▶ 4052899448964     |
| LF1100TW-G5 -922.935-09 L2 | FX -SC08-G2-CT4PJ             | ▶ 4052899464858     |

Retrato

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