

## LF2000 -G3-827-04 L1

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



### Características do produto

- Fita de LED flexível e cortável

### Benefícios do produto

- Color uniformity better than 2 SDCM on the entire LED strip and between strips
- Grande variedade de cores de luz
- Fácil montagem em muitas superfícies lisas devido à fita autocolante na parte de trás

### Áreas de aplicação

- Iluminação com sancas
- Integração do teto



Dados técnicos

Dados elétricos

|                                                   |                        |
|---------------------------------------------------|------------------------|
| Tensão nominal                                    | 240 V                  |
| Tipo de corrente                                  | Corrente contínua (DC) |
| Potência nominal por metro                        | 15,0 W                 |
| potência nominal                                  | 6730 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 | >80      |
| Fluxo luminoso por metro       | 2000 lm  |
| Rendimento luminoso            | 134 lm/W |
| Tonalidade (designação)        | 2700 K   |
| Temperatura de cor             | 2700 K   |

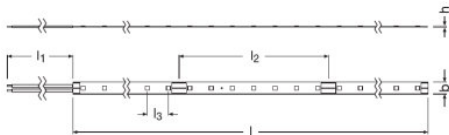
Dados luminotécnicos

|                    |          |
|--------------------|----------|
| LED pitch          | 14.29 mm |
| Ângulo de abertura | 120 °    |

Informação sobre módulos LED

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

Dimensões e peso



|                              |          |
|------------------------------|----------|
| Comprimento                  | 45000 mm |
| Comprimento da menor unidade | 100,0 mm |

Ficha técnica do produto

|                          |                      |
|--------------------------|----------------------|
| Comprimento do cabo      | 5000                 |
| Peso do produto          | 6500 g               |
| Secção do cabo, primário | 0.51 mm <sup>2</sup> |
| Largura                  | 800 mm               |
| Altura                   | 140 mm               |

Temperaturas e condições de funcionamento

|                                         |                            |
|-----------------------------------------|----------------------------|
| Temp. funcionamento, conforme IEC 62717 | 45 °C                      |
| Gama de temperatura no funcionamento    | -20...90 °C <sup>1)</sup>  |
| Temperatura ambiente                    | -20...+50 °C <sup>2)</sup> |
| Temperatura de armazenagem              | -40...80 °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 |

Informação adicional do produto

|                                     |               |
|-------------------------------------|---------------|
| EAN sucessor                        | 4052899953000 |
| ID of contained light source [AGGR] | LS_TRV_217098 |

Atributos

|                       |       |
|-----------------------|-------|
| Lowest bending radius | 20 mm |
| Self-adhesive         | Sim   |
| With connection set   | Não   |
| With end piece        | Não   |

Normas e Certificações

|                                                       |                                                               |
|-------------------------------------------------------|---------------------------------------------------------------|
| Normas                                                | CE; ENEC 10 VDE/EAC/UL Recognized component according UL 8750 |
| Tipo de protecção                                     | IP00                                                          |
| Energy efficiency class of the contained light source | E                                                             |

Dados logísticos

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

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                    |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date of Declaration                                                   | 07-07-2023                                                                                         |
| Primary Article Identifier                                            | 4062172142830                                                                                      |
| 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                                      | d556305b-e930-40bc-95a8-aeba057cf0c6                                                               |

Equipamento / Acessórios

- Ligação simplificada compatível com acessório opcional CONNECTsystem
- Instalação rápida com SLIM TRACK System otimizado
- Combinação perfeito com reatores OPTOTRONIC de 24 V

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<br>LINEARlight FLEX POWER                      |
|  | Product Datasheet<br>LINEARlight Flex Power Specification Sheet |
|  | Brochures<br>Light is freedom of design (EN)                    |
|  | Certificates<br>EAC Certificate                                 |
|  | Certificates<br>UL Certificate                                  |
|  | Certificates<br>ENEC10_VDE Certificate                          |
|  | Certificates<br>CB TEST CERTIFICATE DE1-57844                   |
|  | Declarations of conformity<br>LF HP G3 CE 4160937 280623        |
|  | Declarations of conformity<br>LF HP G3 CE 3420012 03 071119     |

Ficha técnica do produto

|                                                                                   |                                                            |
|-----------------------------------------------------------------------------------|------------------------------------------------------------|
|  | Declarations of conformity<br>EU Declaration of conformity |
|  | Declarations of conformity<br>Manufacturer declaration     |
|  | Eulumdat<br>LF2000-G3-827-04 L1 LDT 28032022               |
|  | IES data<br>LF2000-G3-827-04 L1 IES 28032022               |

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 |
|-------------------|----------------------|------------------------------------|--------------------------------------------|----------|------------|
| 4062172142830     | LF2000 -G3-827-04 L1 | Shipping carton box 8              | 241 mm x 195 mm x 205 mm                   | 9.63 dm³ | 1453.00 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 |
|----------------------|-----------------------------|---------------------|
| LF2000 -G3-827-04 L1 | CONN-FLEX -2P-050 KIT 10PCS | ▶ 4062172179591     |

Ficha técnica do produto

|                      |                               |                 |
|----------------------|-------------------------------|-----------------|
| LF2000 -G3-827-04 L1 | CONN-FLEX -2P-200 KIT 10PCS   | ▶ 4062172179614 |
| LF2000 -G3-827-04 L1 | CORNER-FLEX -4P-003 KIT 10PCS | ▶ 4062172179638 |
| LF2000 -G3-827-04 L1 | CORNER-FLEX -4P-015 KIT 10PCS | ▶ 4062172179676 |
| LF2000 -G3-827-04 L1 | LTS-SLIMTRACK -2000 KIT 5 PCS | ▶ 4062172207300 |
| LF2000 -G3-827-04 L1 | FX-QMS-G1 -TU15H6W3-300       | ▶ 4052899448889 |
| LF2000 -G3-827-04 L1 | FX-QMS-G1 -TU16H12W3-300      | ▶ 4052899448988 |
| LF2000 -G3-827-04 L1 | FX-QMS-G1 -TU16H12-300        | ▶ 4052899448964 |
| LF2000 -G3-827-04 L1 | FX -SC08-G2-CT4PJ             | ▶ 4052899464858 |

Retrata

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