

LFP800S -G5-930-10 L1

LINEARlight FLEX Protect Uniformity | Moduli LED per applicazioni professionali e industriali



Caratteristiche prodotto

- 24 V LED strips flexible and cuttable, 50 mm cut unit, with superior optically graded silicone encapsulation
- Available variants: 800 lm/m 1200 lm/m 2000 lm/m / CRI Ra: 95+ 90+ and 80+
- Up to 60,000 h L90/B10 with SDT technology, tested acc. to IEC 62717 on real LED strips
- 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
- Excellent ESD protection of up to 8 kV in air or 4 kV in contact (acc. to IEC 61547)
- Designed, engineered and manufactured and tested in Italy (ISO9001, ISO 17025, ACCREDIA, VDE)
- Salt-mist atmosphere resistant (acc. to IEC 60068-2-52, highest severity)
- UV radiation resistant (acc. to ISO 4892-2) / Mixed flowing gas corrosion resistant (IEC 60068-2-60)

Vantaggi prodotto

- Color uniformity better than 2 SDCM on the entire LED strip and between strips
- Light stability over time typically 1 SDCM, tested acc. to IEC 62717 @ 6,000 h
- LED lifetime acc. to IES LM-80 and IES TM-21 standards, and also internal OSRAM LAB tests
- Reliable photometric parameters according to IES LM-79, EN13032-4 and CIE S 025
- Accurate description of the color rendition of the light source acc. to IES TM-30-15
- Excellent robustness: single reel manufacturing technology (no solder joints on strip)
- Vibration-resistant for stationary installations acc. to IEC60068-2-6 and IEC60068-2-64
- Flicker and stroboscopic effect-free acc. to IEC TR 61547-1 and IEC TR 63158
- Tested by accredited Product Qualification Lab. ISO9001, ISO 17025, ACCREDIA, VDE
- Facile installazione su molte superfici lisce grazie al nastro autoadesivo sul lato posteriore



Scheda prodotto

Dati tecnici

Dati elettrici

| | |
|---|-----------|
| Tensione nominale | 24,0 V |
| Tipo di corrente | DC |
| Potenza nominale al metro | 8,0 W |
| Potenza di costruzione | 80,00 W |
| Gamma di tensione | 23...25 V |
| Accidental reverse input voltage protection up to | 25 V |

Dati fotometrici

| | |
|--------------------------------------|---------------------|
| Tonalità di luce del LED | bianco |
| Indice di resa cromatica Ra | 90 |
| Flusso luminoso al metro | 840 lm |
| Flusso luminoso utile totale | 8400 lm |
| Efficienza luminosa | 105 lm/W |
| Standard Deviation of Color Matching | ≤3 sdc _m |
| Colore della luce (descrizione) | 3000 K |
| Temperatura di colore | 3000 K |

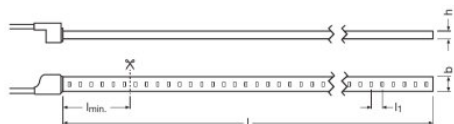
Dati illuminotecnici

| | |
|-------------------------------|---------|
| LED pitch | 7.14 mm |
| Ampiezza fascio luminoso | 120 ° |
| Tempo innesco | 0,0 s |
| Tempo di riscaldamento (60 %) | 0,00 s |

Informazioni sul modulo LED

| | |
|-------------------------------------|-----|
| Numero di LED al metro | 140 |
| Numero di LED per unità più piccola | 7 |

Dimensioni e peso



| | |
|--|---------------------|
| Lunghezza | 10000,0 mm |
| Lunghezza unità più piccola | 50,0 mm |
| Larghezza | 11,1 mm |
| Altezza | 4,50 mm |
| Lunghezza del cavo | 500,0 |
| Peso prodotto | 638,00 g |
| Sezione dei cavi, lato ingresso | 0,5 mm ² |

Colori e materiali

| | |
|----------------------------------|----------|
| Materiale della copertura | Silicone |
|----------------------------------|----------|

Temperature e condizioni di utilizzo

| | |
|--|----------------------------|
| Performance temp. acc. to IEC 62717 | 30 °C |
| Temperatura di funzionamento | -30...80 °C ¹⁾ |
| Temperatura ambiente | -30...+50 °C ²⁾ |
| Temperatura di stoccaggio | -40...85 °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

Durata

| | |
|---|---------|
| Durata caratteristica della lampada | 60000 h |
| Durata nominale della lampada | 60000 h |
| Fattore manten. flus lum fine durata nom | 0,70 |
| Numero cicli accensione / spegnimento | 15000 |

Dati di prodotto aggiuntivi

| | |
|---|---------------|
| ID of contained light source [GMS] | LS_TRV_286041 |
|---|---------------|

Scheda prodotto

Caratteristiche

| | |
|-----------------------|-------|
| Dimmerabile | Si |
| Lowest bending radius | 50 mm |
| Self-adhesive | Si |
| With connection set | No |
| With end piece | No |

Certificati, Norme, Direttive

| | |
|---|----------------|
| Consumo di energia | 88 kWh/1000h |
| Norme | CE/UL/ENEC/EAC |
| Grado di protezione | IP67 |
| Energy efficiency class of the contained light source | F |








Dati logistici

| | |
|-------------------------|--------------|
| Codice prodotto di base | 940542319000 |
|-------------------------|--------------|

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|---------------|
| Date of Declaration | 20-07-2022 |
| Primary Article Identifier | 4062172303637 |
| Declaration No. in SCIP database | In work |

Download dati

| File | |
|---|--|
|  | User instruction LINEARlight FLEX Protect Uniformity LFP800S-G5 LFP1200S-G5 LFP2000S-G5 |
|  | Product Datasheet LINEARlight FLEX Protect Uniformity L1 Specification Sheet (EN) |
|  | Brochure Light is freedom of design (EN) |
|  | Certificati LF(P)-Uniformity CB 181120 |
|  | Certificati LF (P_D) ENEC 0040052516 310822 |
|  | Eulumdat LFP800S-G5-930-10 C_ldt |
|  | IES data LFP800S-G5-930-10 C_IES |


Scheda prodotto

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.

Dati logistici

| Codice prodotto | Descrizione del prodotto | Unità di imballo (Pezzi/unità) | Dimensioni (lunghezza x profondità x altezza) | Volume | Peso lordo |
|-----------------|--------------------------|--------------------------------|---|-----------------------|------------|
| 4062172303637 | LFP800S -G5-930-10 L1 | Cartone di spedizione 8 | 365 mm x 286 mm x 366 mm | 38.21 dm ³ | 9322.00 g |

1)  codice prodotto indicato descrive la minore quantità che può essere ordinata. Una unità di spedizione può contenere uno o più di un singolo prodotto. Quando si inserisce un ordine, per la quantità inserire una o più unità di spedizione.

Accessori opzionali

| Descrizione del prodotto | Nome dell'accessorio | Codice dell'accessorio |
|--------------------------|---------------------------------|------------------------|
| LFP800S -G5-930-10 L1 | LF-CLIP -FIXTURE PROTECT | ▶ 4008321644749 |
| LFP800S -G5-930-10 L1 | FX-QMW-G1 -TU26H10-300 | ▶ 4062172114165 |
| LFP800S -G5-930-10 L1 | ENDCAP -IP67 KIT 10PCS | ▶ 4062172176552 |
| LFP800S -G5-930-10 L1 | JUMPER -FLEX-IP67-2P KIT 5PCS | ▶ 4062172176576 |
| LFP800S -G5-930-10 L1 | CONN-FLEX -IP67-2P KIT 5PCS | ▶ 4062172176590 |
| LFP800S -G5-930-10 L1 | LTS-SLIMTRACK -2000 KIT 5 PCS | ▶ 4062172207300 |
| LFP800S -G5-930-10 L1 | CONN-FLEX -IP67-2P-300 KIT 5PCS | ▶ 4062172230162 |
| LFP800S -G5-930-10 L1 | FX-QMS-G1 -T45D19H19-300 | ▶ 4052899448667 |
| LFP800S -G5-930-10 L1 | FX-QMW-G1 -TU26H25W10-300 | ▶ 4052899448773 |
| LFP800S -G5-930-10 L1 | FX-QMW-G1 -TU26H25-300 | ▶ 4052899448803 |

Scheda prodotto

| | | |
|-----------------------|---------------------------|-----------------|
| LFP800S -G5-930-10 L1 | FX-QMW-G1 -TK30D46H27-300 | ▶ 4052899448827 |
| LFP800S -G5-930-10 L1 | FX-QMW-G1 -TU26H25W2-300 | ▶ 4052899448841 |
| LFP800S -G5-930-10 L1 | FX-QMS-G1 -TU15H6-300 | ▶ 4052899448865 |
| LFP800S -G5-930-10 L1 | FX-QMS-G1 -TU15H6W3-300 | ▶ 4052899448889 |
| LFP800S -G5-930-10 L1 | FX-QMS-G1 -TU16H12W3-300 | ▶ 4052899448988 |
| LFP800S -G5-930-10 L1 | FX-QMS-G1 -TR19H16-300 | ▶ 4052899449008 |
| LFP800S -G5-930-10 L1 | FX-QMS-G1 -TU16H12-300 | ▶ 4052899448964 |
| LFP800S -G5-930-10 L1 | FX-DCS -G1-GL-25 | ▶ 4052899452244 |
| LFP800S -G5-930-10 L1 | FX-QMS-G1 -TU16H12LS-300 | ▶ 4052899449046 |

Clausola

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