LFP800S -G5-930R-10 C

LINEARlight FLEX Uniformity Protect | – LED modules for professional and industrial applications

产品特点

- 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)

产品优势

- 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
- 得益于背侧自粘胶带，可以方便地安装在各种光滑表面上

Safe Dimming SDT Technology

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产品数据表

技术参数

电参数

标称电压	240 V
电流类型	DC
每米标称功率	8.3 W
额定功率	8300 W
输入电压范围	23...25 V
Accidental reverse input voltage protection up to	25 V

光度数据

LED 光色	白色
显色指数 **Ra**	95
每米光通量	860 lm
可用总光通量	8600 lm
发光效率	104 lm/W
色彩匹配标准偏差	≤3 sdcm
EN 12464-1 标准光色	3000 K
色温	3000 K

光参数

LED pitch	7.14 mm
光束角	120 °
启动时间	< 05 s
升温时间 **(60 %)**	< 050 s

LED 模块信息

每米 **LED** 数量	140
最小单元**LED**颗粒数	7

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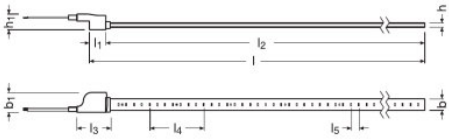
尺寸和重量



长度	100000 mm
长度 – 最小单元	50.0 mm
宽度	111 mm
高度	450 mm
接线长度	5000
产品重量	61600 g
输入端线缆截面	0.325 mm²

颜色和材料

面板材质	Silicone
灯体材料	Silicone

温度

符合 **IEC 62717** 的性能温度	30 °C
工作温度范围	-30...80 °C [1]
环境温度范围	-30...+50 °C [2]
仓储温度范围	-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

寿命

额定灯泡寿命	60000 h
标称灯泡寿命	60000 h
标称寿命周期末光通维持率	070
点亮次数	15000

更多的产品数据

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产品数据表

ID of contained light source [AGGR]	LS_TRV_286050

功能

Lowest bending radius	50 mm

认证与标准

能耗	92 kWh/1000h
标准	CE/UL/ENEC/EAC
防护类型	IP67
Energy efficiency class of the contained light source	F

物流数据

商品编码	85395100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	09-06-2023
Primary Article Identifier	4062172170871
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	d4167df7-1c12-4a76-8862-6791089c466e

下载数据

	文件
	User instruction LINEARlight FLEX Protect Uniformity
	Product Datasheet LINEARlight FLEX Protect Uniformity IP Specification Sheet (EN)
	小册子 Light is freedom of design (EN)
	证书 LF(P)-Uniformity CB 181120
	证书 VDE ENEC CERTIFICATE 40052516 160823
	统一宣言 LFP Uniformity CE 4252305 221121

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	Eulumdat LFP800S-G5-930R-10 C IES data 231020
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	IES data LFP800S-G5-930R-10 C IES data 231020

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.

物流数据

产品代码	产品描述	包装单位（件/单位）	尺寸（长 x 宽 x 高）	体积	毛重
4062172170871	LFP800S -G5-930R-10 C	箱 8	365 mm x 286 mm x 366 mm	38.21 dm^3	9146.00 g

这里所提到的产品编码代表最小订购数量。一个整件包装含有一个或多个单一产品。请您在下单时，按一个或多个整件数下单。

免责声明

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