

LINEARlight FLEX Tunable White Protect

线性LED软灯带 适用于灵活和个性化的照明解决方案



产品特点

- 24 V LED strips flexible and cuttable
- Luminous flux: up to 3,400 lm/m
- 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: 2500...4000 K, 2700...5700 K CRI90
- CRI 90 versions 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
- IP67 & IP66
- 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)
- Designed, engineered and manufactured and tested in Italy (ISO9001, ISO 17025, ACCREDIA, VDE)

产品优势

- 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)
- 得益于背侧自粘胶带，可以方便地安装在各种光滑表面上
- 非凡设计、高品质材料



产品系列数据表

技术参数

电参数

产品描述	标称电压	电流类型	每米标称功率	额定功率	输入电压范围	Accidental reverse input voltage protection up to
LFP3400TW-G5 -825.940-03 L1	24.0 V	DC	30.9 W	92.80 W	23...25 V	25 V
LFP3400TW-G5 -927.957-03 L1	24.0 V	DC	32 W	96.00 W	23...25 V	25 V
LFP1100TW-G5 -825.940-09 L2	24.0 V	DC	9.9 W	88.70 W	23...25 V	25 V
LFP1100TW-G5 -927.957-09 L2	24.0 V	DC	10.2 W	92.20 W	23...25 V	25 V

光度数据

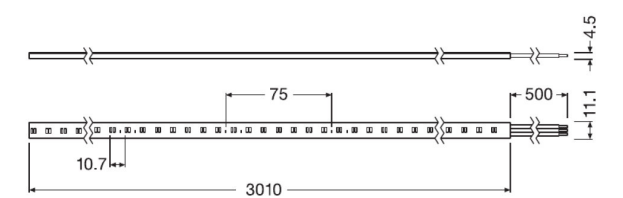
产品描述	LED 光色	显色指数 Ra	每米光通量	发光效率	色彩匹配标准偏差	EN 12464-1 标准光色
LFP3400TW-G5 -825.940-03 L1	Dynamic White	80	3356 lm	108 lm/W	≤3 sdcm	2500...4000 K
LFP3400TW-G5 -927.957-03 L1	Dynamic White	90	3356 lm	105 lm/W	≤3 sdcm	2700...5700 K
LFP1100TW-G5 -825.940-09 L2	Dynamic White	80	1156 lm	117 lm/W	≤3 sdcm	2500...4000 K
LFP1100TW-G5 -927.957-09 L2	Dynamic White	90	1134 lm	111 lm/W	≤3 sdcm	2700...5700 K

尺寸和重量

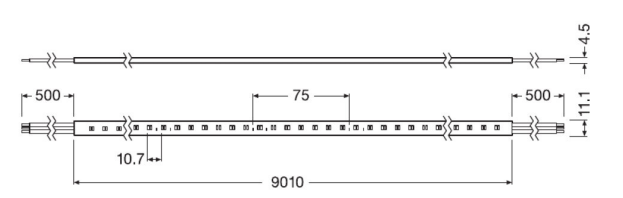
产品描述	长度	接线长度	产品重量
LFP3400TW-G5 -825.940-03 L1	3000 mm	500.0	173.00 g
LFP3400TW-G5 -927.957-03 L1	3000 mm	500.0	173.00 g
LFP1100TW-G5 -825.940-09 L2	9000 mm	500.0	519.00 g
LFP1100TW-G5 -927.957-09 L2	9000 mm	500.0	519.00 g

产品系列数据表

产品系列标有数字



LFP3400TW-G5 -825.940-03 L1, LFP3400TW-G5 -927.957-03 L1



LFP1100TW-G5 -825.940-09 L2, LFP1100TW-G5 -927.957-09 L2

温度

产品描述	工作温度范围	仓储温度范围
LFP3400TW-G5 -825.940-03 L1	-30...80 °C ¹⁾	-40...85 °C
LFP3400TW-G5 -927.957-03 L1	-30...80 °C ¹⁾	-40...85 °C
LFP1100TW-G5 -825.940-09 L2	-30...80 °C ¹⁾	-40...85 °C
LFP1100TW-G5 -927.957-09 L2	-30...80 °C ¹⁾	-40...85 °C

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

更多的产品数据

产品描述	ID of contained light source [AGGR]
LFP3400TW-G5 -825.940-03 L1	LS_TRV_286107
LFP3400TW-G5 -927.957-03 L1	LS_TRV_286108
LFP1100TW-G5 -825.940-09 L2	LS_TRV_286105
LFP1100TW-G5 -927.957-09 L2	LS_TRV_286106

产品系列数据表

认证与标准

产品描述	标准	Energy efficiency class of the contained light source
LFP3400TW-G5 -825.940-03 L1	CE/UL/ENEC/EAC	F
LFP3400TW-G5 -927.957-03 L1	CE/UL/ENEC/EAC	F
LFP1100TW-G5 -825.940-09 L2	CE/UL/ENEC/EAC	F
LFP1100TW-G5 -927.957-09 L2	CE/UL/ENEC/EAC	F

物流数据

产品描述	商品编码
LFP3400TW-G5 -825.940-03 L1	85395100000
LFP3400TW-G5 -927.957-03 L1	85395100000
LFP1100TW-G5 -825.940-09 L2	85395100000
LFP1100TW-G5 -927.957-09 L2	85395100000

Environmental information
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

产品描述	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
LFP3400TW-G5 -825.940-03 L1	18-04-2022	4062172196604	In work
LFP3400TW-G5 -927.957-03 L1	18-04-2022	4062172196628	In work
LFP1100TW-G5 -825.940-09 L2	18-04-2022	4062172196567	In work
LFP1100TW-G5 -927.957-09 L2	18-04-2022	4062172196581	In work

应用建议

更多详细应用信息和图形,请参阅产品数据表。

销售和技术支持

销售和技术支持 www.osram.cn

下载数据

文件	
	User instruction LINEARlight FLEX Protect Tunable White
	Product Datasheet LINEARlight Flex Protect Tunable White CRI90 specification sheet (EN)

产品系列数据表

	小册子 Light is freedom of design (EN)
	证书 VDE ENEC CERTIFICATE 40052516 160823
	证书 LF(P) TW G5 CB 180121
	统一宣言 Flex Protect TW G2 CE 4264939 180823
	Eulumdat LFP3400TW-G5-825.940-03 L1 LTD 130421
	IES data LFP3400TW-G5-825.940-03 L1 IES 130421
	Eulumdat LFP3400TW-G5-927.957-03 L1 LTD 130421
	IES data LFP3400TW-G5-927.957-03 L1 IES 130421
	Eulumdat LFP1100TW-G5-825.940-09 L2 LTD 130421
	IES data LFP1100TW-G5-825.940-09 L2 IES 130421
	User instruction LINEARlight FLEX, Tunable White
	Eulumdat LFP1100TW-G5-927.957-09 L2 LTD 130421
	IES data LFP1100TW-G5-927.957-09 L2 IES 130421

产品系列数据表

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
4062172196604	LFP3400TW-G5 - 825.940-03 L1	箱 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5602.00 g
4062172196628	LFP3400TW-G5 - 927.957-03 L1	箱 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5602.00 g
4062172196567	LFP1100TW-G5 - 825.940-09 L2	箱 8	365 mm x 286 mm x 366 mm	38.21 dm ³	8370.00 g
4062172196581	LFP1100TW-G5 - 927.957-09 L2	箱 8	365 mm x 286 mm x 366 mm	38.21 dm ³	8370.00 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。

可选择性配件

产品描述	配件名称	配件代码
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LFP3400TW-G5 -927.957-03 L1	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LFP3400TW-G5 -927.957-03 L1	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LFP3400TW-G5 -927.957-03 L1	FX-QMS-G1 -TU16H12-300	▶ 4052899448964

产品系列数据表

LFP1100TW-G5 -825.940-09 L2	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LFP1100TW-G5 -825.940-09 L2	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LFP1100TW-G5 -825.940-09 L2	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LFP1100TW-G5 -927.957-09 L2	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LFP1100TW-G5 -927.957-09 L2	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
LFP1100TW-G5 -927.957-09 L2	FX-QMS-G1 -TU16H12-300	▶ 4052899448964

免责声明

更改恕不另行通知。遗漏错误不承担任何责任。总是确保使用最新的信息。