

LINEARlight FLEX Tunable White Protect

LED modules for professional and industrial applications



Características del producto

- 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)

Beneficios del producto

- 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)
- Montaje sencillo en numerosas superficies lisas gracias a la cinta autoadhesiva en el lado posterior
- Diseño extraordinario y materiales de alta calidad



Datos técnicos

Datos eléctricos

Descripción del producto	Tensión nominal	Tipo de corriente	Nivel de potencia nominal por metro	Potencia nominal	Margen de voltaje	Accidental reverse input voltage protection up to
LFP3400TW-G5 -825.940-03 L1	24,0 V	corriente continua (CC)	30.9 W	92,80 W	23...25 V	25 V
LFP3400TW-G5 -927.957-03 L1	24,0 V	corriente continua (CC)	32 W	96,00 W	23...25 V	25 V
LFP1100TW-G5 -825.940-09 L2	24,0 V	corriente continua (CC)	9,9 W	88,70 W	23...25 V	25 V
LFP1100TW-G5 -927.957-09 L2	24,0 V	corriente continua (CC)	10,2 W	92,20 W	23...25 V	25 V

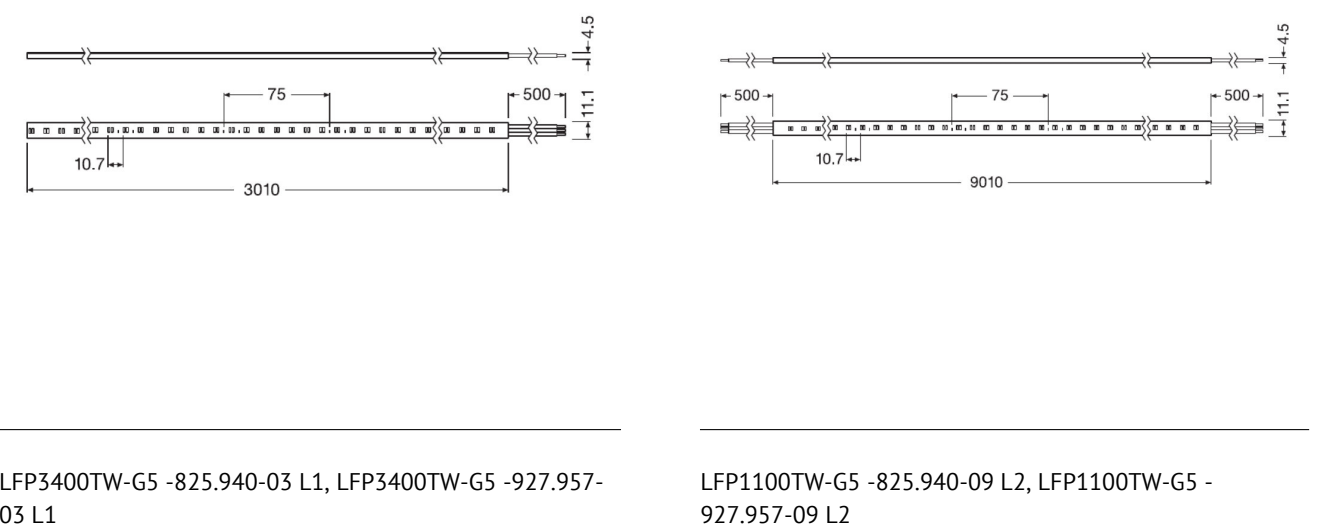
Datos Fotométricos

Descripción del producto	Tono de luz LED	Índice de reproducción cromática Ra	Flujo luminoso por metro	Eficacia luminosa	Desviación estándar de ajuste de color	Tono de luz (denominación)
LFP3400TW-G5 -825.940-03 L1	Dynamic White	80	3356 lm	108 lm/W	≤3 sdc	2500...4000 K
LFP3400TW-G5 -927.957-03 L1	Dynamic White	90	3356 lm	105 lm/W	≤3 sdc	2700...5700 K
LFP1100TW-G5 -825.940-09 L2	Dynamic White	80	1156 lm	117 lm/W	≤3 sdc	2500...4000 K
LFP1100TW-G5 -927.957-09 L2	Dynamic White	90	1134 lm	111 lm/W	≤3 sdc	2700...5700 K

Dimensiones y peso

Descripción del producto	Largo	Longitud del cable	Peso del producto
LFP3400TW-G5 -825.940-03 L1	3000,0 mm	500,0	173,00 g
LFP3400TW-G5 -927.957-03 L1	3000,0 mm	500,0	173,00 g
LFP1100TW-G5 -825.940-09 L2	9000,0 mm	500,0	519,00 g
LFP1100TW-G5 -927.957-09 L2	9000,0 mm	500,0	519,00 g

Dibujo del producto



Temp. y condiciones de funcionamiento

Descripción del producto	Área de temperatura de funcionamiento	Temperatura de almacenamien to
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.

Datos adicionales del producto

Descripción del producto	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

Certificados & Normas

Descripción del producto	Normas	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

Datos logísticos

Descripción del producto	Número estadístico de material
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)

Descripción del producto	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

Consejos de aplicación

Para más información detallada sobre la aplicación y gráficos vea la hoja de datos del producto.

Soporte ventas y técnico

Soporte ventas y técnico www.osram.es

Descarga datos

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

Hoja de datos gama de productos

	Folleto de ventas Light is freedom of design (EN)
	Certificados VDE ENEC CERTIFICATE 40052516 160823
	Certificados LF(P) TW G5 CB 180121
	Declaración de conformidad 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

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.

Logistical Data

Código del producto	Descripción del producto	Unidad de embalaje (Piezas/unidad)	Dimensiones (largo x ancho x alto)	Volúmen	Peso bruto
4062172196604	LFP3400TW-G5 - 825.940-03 L1	Embalaje de envío 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5602.00 g
4062172196628	LFP3400TW-G5 - 927.957-03 L1	Embalaje de envío 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5602.00 g
4062172196567	LFP1100TW-G5 - 825.940-09 L2	Embalaje de envío 8	365 mm x 286 mm x 366 mm	38.21 dm ³	8370.00 g
4062172196581	LFP1100TW-G5 - 927.957-09 L2	Embalaje de envío 8	365 mm x 286 mm x 366 mm	38.21 dm ³	8370.00 g

El código del producto mencionado describe la unidad más pequeña de la cantidad que se puede pedir. Una unidad de envío puede contener uno o más productos individuales. Al cursar un pedido, introduzca la cantidad de la unidad de envío o su múltiple.

Accesorios Opcionales

Descripción del producto	Nombre de accesorio	Código de accesorio
LFP3400TW-G5 -825.940-03 L1	ENDCAP -IP67 KIT 10PCS	▶ 4062172176552
LFP3400TW-G5 -825.940-03 L1	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988

Hoja de datos gama de productos

LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
LFP3400TW-G5 -927.957-03 L1	ENDCAP -IP67 KIT 10PCS	▶ 4062172176552
LFP3400TW-G5 -927.957-03 L1	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
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
LFP1100TW-G5 -825.940-09 L2	ENDCAP -IP67 KIT 10PCS	▶ 4062172176552
LFP1100TW-G5 -825.940-09 L2	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
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	ENDCAP -IP67 KIT 10PCS	▶ 4062172176552
LFP1100TW-G5 -927.957-09 L2	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
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

Aviso

— Sujeto a cambios sin aviso. Excepto errores y omisiones. Asegúrese de utilizar la emisión más reciente.