LINEARlight FLEX Tunable White Protect

LED modules for professional and industrial applications



Caractéristiques produit

- 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)

Avantages produits

- 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)
- Montage facile sur de nombreuses surfaces lisses grâce à une bande autocollante située au dos
- Design extraordinaire et matériaux de haute qualité

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Fiche technique

Données électriques

Description produit	Tension nominale	Type de courant	Puissance nominale par mètre	Puissance nominale	Plage de tension	Accidental reverse input voltage protection up to
LFP3400TW-G5 -825.940-03 L1	24,0 V	Courant direct (DC)	30.9 W	92,80 W	23…25 V	25 V
LFP3400TW-G5 -927.957-03 L1	24,0 V	Courant direct (DC)	32 W	96,00 W	23…25 V	25 V
LFP1100TW-G5 -825.940-09 L2	24,0 V	Courant direct (DC)	9,9 W	88,70 W	23…25 V	25 V
LFP1100TW-G5 -927.957-09 L2	24,0 V	Courant direct (DC)	10,2 W	92,20 W	23…25 V	25 V

Données photométriques

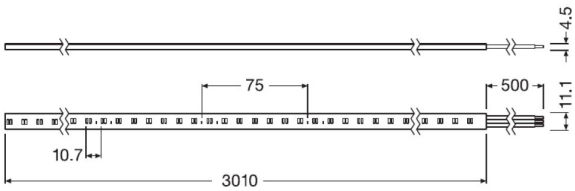
Description produit	Couleur de la LED	Ra Indice de rendu des couleurs	Flux lumineux par mètre	Efficacité lumineuse	Ecart-type de correspondance de couleur	Teinte de couleur (désignation)
LFP3400TW-G5 -825.940-03 L1	Dynamic White	80	3356 lm	108 lm/W	≤3 sdcm	2500…4000 K
LFP3400TW-G5 -927.957-03 L1	Dynamic 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

Dimensions & poids

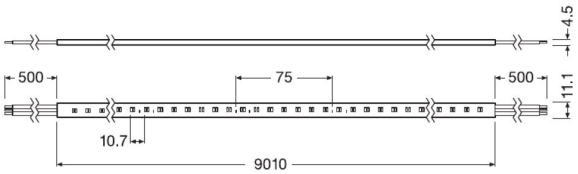
Description produit	Longueur	Longueur de câble	Poids du produit
LFP3400TW-G5 -825.940-03 L1	3000,0 mm	500,0	173,00 g
LFP3400TW-G5 -927.957-03 L1	3000,0 mm	500,0	173,00 g
LFP1100TW-G5 -825.940-09 L2	9000,0 mm	500,0	519,00 g
LFP1100TW-G5 -927.957-09 L2	9000,0 mm	500,0	519,00 g

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Ligne de produits dessiné avec des nombres



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



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

Température

Description produit	Plage de température au point Tc	Plage de température de stockage
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.

Donnée produit supplémentaire

Description produit	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

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Certificats & Normes

Description produit	Normes	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

Données logistiques

Description produit	Nomenclature douanière
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)

Description produit	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

Conseil d'application

Pour plus d'informations sur les applications et les graphiques, veuillez vous référer à la fiche de données produit.

Support de vente et support technique

Support de vente et support technique www.osram.fr

Données de téléchargement

	Dossier
	User instruction LINEARlight FLEX Protect Tunable White
	Fiche technique produit LINEARlight Flex Protect Tunable White CRI90 specification sheet (EN)

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Fiche de données gamme de produits

	Brochures Light is freedom of design (EN)
	Déclaration de Conformité VDE ENEC CERTIFICATE 40052516 160823
	Déclaration de Conformité LF(P) TW G5 CB 180121
	Déclarations de conformité 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

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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.

Données logistiques

Code produit	Description produit	Unité d'emballage (Pièces/Unité)	Dimensions (longueur x largeur x hauteur)	Volume	Poids brut
4062172196604	LFP3400TW-G5 - 825.940-03 L1	Carton de regroupement 8	365 mm x 286 mm x 366 mm	38.21 dm^3	5602.00 g
4062172196628	LFP3400TW-G5 - 927.957-03 L1	Carton de regroupement 8	365 mm x 286 mm x 366 mm	38.21 dm^3	5602.00 g
4062172196567	LFP1100TW-G5 - 825.940-09 L2	Carton de regroupement 8	365 mm x 286 mm x 366 mm	38.21 dm^3	8370.00 g
4062172196581	LFP1100TW-G5 - 927.957-09 L2	Carton de regroupement 8	365 mm x 286 mm x 366 mm	38.21 dm^3	8370.00 g

Le code produit mentionné décrit la petite quantité d'unité qui peut être commandée. Une unité peut contenir un ou plusieurs produits. Lorsque vous passez la commande, merci de bien vouloir entrer une unité ou un multiple d'une unité.

Accessoires optionnels

Description produit	Nom de l'accessoire	Code de l'accessoire
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 -TU15H6-300	4052899448865
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU15H6W3-300	4052899448889
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU16H12W3-300	4052899448988

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LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU16H12-300	4052899448964
LFP3400TW-G5 -825.940-03 L1	FX-QMS-G1 -TU16H12LS-300	4052899449046
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 -TU15H6-300	4052899448865
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
LFP3400TW-G5 -927.957-03 L1	FX-QMS-G1 -TU16H12LS-300	4052899449046
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 -TU15H6-300	4052899448865
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 -825.940-09 L2	FX-QMS-G1 -TU16H12LS-300	4052899449046
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 -TU15H6-300	4052899448865
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
LFP1100TW-G5 -927.957-09 L2	FX-QMS-G1 -TU16H12LS-300	4052899449046

Avertissement

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