TFP1000-G1 -827-05

TEC FLEX Low & High Power Protect | LED modules for semi-professional applications



Product family features

- Flexible and cuttable LED strip
- Luminous flux: up to 2,000 lm/m
- Available with color temperature: 2,700K, 3,000 K, 4,000 K
- Up to 50,000 hrs lifetime @ tc max
- Color consistency in 3 SDCM

Product family benefits

- Pre-wired LED strip, simple and quick plug-and-play installation
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Type of protection: IP66
- Dimmable (with suitable PWM dimming methods)

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Rated wattage	47.50 W
Input voltage range	23…25 V
Accidental reverse input voltage protection up to	25 V

Photometrical data

Light color LED	White
Color rendering index Ra	80
Light color (designation)	White
Luminous flux per meter	1080 lm

Dimensions & weight



Length	5000 mm
Product weight	269.00 g
Cable cross-section, input side	0.5 mm²
Width	11.1 mm
Height	4.10 mm

Temperatures & operating conditions

Temperature range in operation at Tc point	-25…80 °C
Temperature range at storage	-30…85 °C

Additional product data

Predecessor EAN	4052899526211
ID of contained light source	LS_SHZ_600320

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

Certificates & standards

Standards	CE/ENEC/EAC
Energy efficiency class of the contained light source	F

Logistical data

Commodity code	85395100000

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	07-07-2023
Primary Article Identifier	4062172106726
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	807d90b4-f529-4a4c-8d2b-9714849306c4

Equipment / Accessories

- Simplified connection with optional matching CONNECTsystem
- Flexessories: a complete set of aluminum channels with diffusers and lenses
- Drivers and dimmers: wide selection of OPTOTRONIC 24 V DALI, DMX and BLE

Download Data

	File
	User instruction TEC Flex IP66
	Product Datasheet TEC Flex IP66 Product Datasheet (EN)
	Brochures Light is strong - Discover the versatile and flexible lighting system OSRAM 24V TEC Flex (EN)
	Certificates TFX ENEC 130520
	Declarations of conformity TECFlex CE 4210017 080823
	CAD data DWG TEC Flex and TEC Flex Shortpitch
	Eulumdat EULUMDAT TEC Flex Protect

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

	Eulumdat TFP1000-G1-827 LTD 130122
	IES data TFP1000-G1-827 IES 130122

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

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172106726	TFP1000-G1 -827-05	Shipping carton box 10	280 mm x 305 mm x 180 mm	15.37 dm^3	3664.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Accessories Optional

Product description	Accessory name	Accessory code
TFP1000-G1 -827-05	ENDCAP -IP67 KIT 10PCS	4062172176552
TFP1000-G1 -827-05	LTS-SLIMTRACK -2000 KIT 5 PCS	4062172207300
TFP1000-G1 -827-05	FX-QMS-G1 -T45D19H19-300	4052899448667
TFP1000-G1 -827-05	FX-QMS-G1 -TU15H6-300	4052899448865
TFP1000-G1 -827-05	FX-QMS-G1 -TU15H6W3-300	4052899448889

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.

TFP1000-G1 -827-05	FX-QMS-G1 -TU16H12W3-300	4052899448988
TFP1000-G1 -827-05	FX-QMS-G1 -TU16H12-300	4052899448964
TFP1000-G1 -827-05	FX -SC08-G2-CT4PJ	4052899464858
TFP1000-G1 -827-05	FX -SC08-G2-C2PF-IP54-0500	4052899464889
TFP1000-G1 -827-05	FX -SC08-G2--BTJ-IP54	4052899568853
TFP1000-G1 -827-05	FX-DCS -G1-GL-25	4052899452244
TFP1000-G1 -827-05	FX-QMS-G1 -TU16H12LS-300	4052899449046

Disclaimer

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

© 2024, Inventronics GmbH. All rights reserved. Inventronics is a licensee of the OSRAM brand. OSRAM is a trademark of ams OSRAM.