

TF1000S-G1 -827-05

TEC FLEX Shortpitch IP00 | 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
- Recommended in system use with OPTOTRONIC
- Color consistency in 3 SDCM

Product family benefits

- High homogeneity thanks to small LED pitch
- 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)



Product datasheet

Technical data

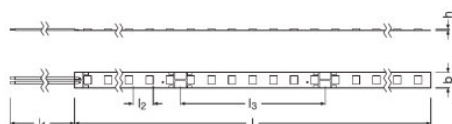
Electrical data

Nominal voltage	24.0 V
Type of current	DC
Rated wattage	45.00 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
Luminous flux per meter	1070 lm
Total useful luminous flux	5350 lm
Luminous efficacy	118.9 lm/W
Standard deviation of color matching	≤3 sdc _m
Light color (designation)	White
Color temperature	2740 K

Dimensions & weight



Length	5000 mm
Product weight	69.00 g
Cable cross-section, input side	0.5 mm ²
Width	8.00 mm
Height	1.50 mm

Temperatures & operating conditions

Temperature range in operation at T _c point	-25...80 °C
Temperature range at storage	-30...85 °C

Product datasheet

Additional product data

Predecessor EAN	4062172091282
ID of contained light source	LS_SHZ_600335

Certificates & standards

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

Logistical data

Commodity code	853951000000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	17-02-2023
Primary Article Identifier	4062172133968
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	148300a3-0ba0-4786-a666-1a24ba3c99b6






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 IP00
	Product Datasheet TEC Flex Shortpitch IP00 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 300420

Product datasheet

	CAD data DWG TEC Flex and TEC Flex Shortpitch
	Eulumdat TF1000S G1 827 LDT 291121
	Eulumdat TF1000S-G1-827 LTD 130122
	IES data TF1000S G1 827 IES 291121
	IES data TF1000S-G1-827 IES 130122

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172133968	TF1000S-G1 -827-05	Shipping carton box 10	225 mm x 240 mm x 120 mm	6.48 dm ³	1344.00 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
TF1000S-G1 -827-05	CONN-FLEX -2P-050 KIT 10PCS	▶ 4062172179591
TF1000S-G1 -827-05	CONN-FLEX -2P-200 KIT 10PCS	▶ 4062172179614
TF1000S-G1 -827-05	CORNER-FLEX -4P-003 KIT 10PCS	▶ 4062172179638
TF1000S-G1 -827-05	CORNER-FLEX -4P-015 KIT 10PCS	▶ 4062172179676
TF1000S-G1 -827-05	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 4062172207300
TF1000S-G1 -827-05	FX-QMS-G1 -T45D19H19-300	▶ 4052899448667
TF1000S-G1 -827-05	FX-QMW-G1 -TU26H25W10-300	▶ 4052899448773
TF1000S-G1 -827-05	FX-QMW-G1 -TU26H25-300	▶ 4052899448803
TF1000S-G1 -827-05	FX-QMW-G1 -TK30D46H27-300	▶ 4052899448827
TF1000S-G1 -827-05	FX-QMW-G1 -TU26H25W2-300	▶ 4052899448841
TF1000S-G1 -827-05	FX-QMS-G1 -TU15H6-300	▶ 4052899448865
TF1000S-G1 -827-05	FX-QMS-G1 -TU15H6W3-300	▶ 4052899448889
TF1000S-G1 -827-05	FX-QMS-G1 -TU16H12W3-300	▶ 4052899448988
TF1000S-G1 -827-05	FX-QMS-G1 -TR19H16-300	▶ 4052899449008
TF1000S-G1 -827-05	FX-QMS-G1 -TU16H12-300	▶ 4052899448964
TF1000S-G1 -827-05	FX -SC08-G2-CT4PJ	▶ 4052899464858

Product datasheet

TF1000S-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.