

## TF600S-G1 -827-05

TEC Flex Shortpitch 600 | LED modules for semi-professional applications

### Areas of application

- Shelf lighting for retail, shops, supermarkets
- For use in architectural, shop and interior luminaires
- Offices, corridors and residential interiors
- Architectural Integration – e.g. coves, walls



### 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: IP00
- Dimmable (with suitable PWM dimming methods)

### Product family features

- Flexible and cuttable LED strip
- Luminous flux: up to 600 lm/m
- Available with color temperature: 2,700K, 3,000 K, 4,000 K, 5,000 K or 6,500 K
- Up to 50,000 hrs lifetime @ tc max
- Recommended in system use with OPTOTRONIC
- Color consistency in 3 SDCM



### Technical data

#### Electrical data

Nominal voltage	24.0 V
Type of current	DC
Nominal wattage per meter	5.5 W
Rated wattage	27.50 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
Luminous flux per meter	620 lm
Total useful luminous flux	3100 lm
Standard deviation of color matching	≤3 sdc <sub>m</sub>
Light color (designation)	White
Color temperature	2740 K
Rated color temperature	2740 K

#### Light technical data

Rated beam angle (half peak value)	120.00 °
Starting time	< 0.5 s
Warm-up time (60 %)	0.00 s

#### LED module information

Number of LEDs per meter	140
Number of LEDs per smallest unit	7

## Dimensions & weight



<b>Length</b>	5000 mm
<b>Length – smallest unit</b>	50.0 mm
<b>Width</b>	8.00 mm
<b>Height</b>	1.50 mm
<b>Product weight</b>	69.00 g
<b>Cable cross-section, input side</b>	0.5 mm <sup>2</sup>

## Temperatures & operating conditions

<b>Performance temp. acc. to IEC 62717</b>	35 °C
<b>Temperature range in operation at Tc point</b>	-25...80 °C
<b>Ambient temperature range</b>	-20...+50 °C
<b>Temperature range at storage</b>	-30...85 °C

## Lifespan

<b>Rated lamp life time</b>	50000 h
<b>Nominal lamp life time</b>	50000 h
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Number of switching cycles</b>	30000

## Capabilities

<b>Dimmable</b>	Yes
<b>Lowest bending radius</b>	20 mm
<b>Self-adhesive</b>	Yes
<b>With connection set</b>	No
<b>With end piece</b>	No

## Certificates & standards



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## Product datasheet

Energy efficiency class	A+
Energy consumption	31 kWh/1000h
Standards	CE/ENEC/EAC
Type of protection	IP00






### Logistical data

Commodity code	940540399000
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### 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)
	Certificates TFX ENEC 130520
	Declarations of conformity TECFlex CE 4210017 300420
	CAD data DWG TEC Flex and TEC Flex Shortpitch

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172133821	TF600S-G1 -827-05	Shipping carton box 10	225 mm x 240 mm x 120 mm	6.48 dm <sup>3</sup>	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.

### Disclaimer

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