

VF300 -G3-827-06

VALUE Flex 300 | LED modules for semi-professional applications



Areas of application

- Hospitality
- Under-cabinet lighting
- Shelf lighting
- Decorative lighting

Product family benefits

- Energy saving low-power flexible LED strip
- 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
- Easy installation with optional track system
- Easy to cut and reconnect to the reliable SLIMCONNECT system

Product family features

- Available with light color: Warm White, Cool White
- Luminous flux: up to 310 lm/m
- High color consistency: 4 SDCM
- Self-cooling
- Beam angle per module: 120°
- Dimmable with suitable OPTOTRONIC control gears
- Type of protection: IP20



Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Nominal wattage per meter	2.0 W
Rated wattage	12.00 W
Input voltage range	23...25 V
Accidental reverse input voltage protection up to	25 V

Photometrical data

Light color LED	White
Color temperature	2700 K
Color rendering index Ra	>80
Luminous flux per meter	280 lm
Luminous efficacy	140 lm/W
Light color (designation)	White

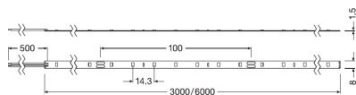
Light technical data

LED pitch	14.28 mm
Beam angle	120 °

LED module information

Number of LEDs per meter	70
Number of LEDs per smallest unit	7

Dimensions & weight



Length	6000 mm
Length – smallest unit	100.0 mm

Product datasheet

Width	8.0 mm
Height	1.5 mm
Cable length	500.0 mm
Product weight	380.00 g
Cable cross-section, input side	20AWG(0.519mm ²) mm ²

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	40 °C
Temperature range in operation at Tc point	-25...75 °C ¹⁾
Ambient temperature range	-25...+55 °C ²⁾
Temperature range at storage	-30...85 °C

¹⁾ Exceeding the maximum ratings will reduce expected life time or destroy the LED strip.

²⁾ Rated ambient temp. 25°C/Providing that temperature at Tc point is below max value during operation/Temperature ramping for environmental testing acc. to IEC 62717, 1K/min

Lifespan

Rated lamp life time	35000 h
Nominal lamp life time	35000 h

Additional product data

Product remark	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information (see www.osram.com/led-systems)/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
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Capabilities

Dimmable	Yes
Lowest bending radius	50 mm
Self-adhesive	Yes
With connection set	Yes
With end piece	Yes

Certificates & standards

Energy efficiency class	A++ ¹⁾
Energy consumption	14 kWh/1000h

Product datasheet

Standards	CE/Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to EN 60529/Acc. to EN 62031/Acc. to EN 55015/Acc. to EN 61547
Type of protection	IP20

¹⁾ Applicable to tested length of 1000 mm

Logistical data

Commodity code	940540399000
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Equipment / Accessories

- SLIMCONNECT system FLEX IP54 connector
- Optional Track system
- ELEMENT LED drivers
- OPTOTRONIC LED drivers

Download Data

File	
	User instruction VALUE Flex
	User instruction VALUE Flex combination with OSRAM LED drivers
	Certificates EAC Certificate
	Certificates Manufacturers Declaration for Value Flex Family
	Declarations of conformity EU Declaration of Conformity VF and VFP
	Eulumat Eulumat VF300-G3-827-03

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899527959	VF300 -G3-827-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 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.