

## PRODUCT DATASHEET

### VF1000 -G3-840-05

VALUE Flex 1000 | LED modules for semi-professional applications



#### AREAS OF APPLICATION

- Hospitality
- Signage
- Architecture lighting
- Cove lighting
- General illumination
- Wall integration
- Display cabinet lighting

#### PRODUCT BENEFITS

- Energy saving low-power flexible LED strip
- Pre-wired LED strip, simple and quick plug-and-play installation
- Good light output due to homogeneous LED distance and high color consistency
- 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 FEATURES

- Available with light color: Warm White, Cool White
- Luminous flux: up to 1000 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

<b>Rated wattage</b>	38.00 W
<b>Nominal wattage</b>	38.00 W
<b>Nominal wattage per meter</b>	7.6 W
<b>Reverse Voltage</b>	25 V
<b>Nominal voltage</b>	24.00 V
<b>Input voltage range</b>	23...25 V
<b>Type of current</b>	DC

Photometrical data

<b>Color temperature</b>	4000 K
<b>Light color (designation)</b>	White
<b>Light color LED</b>	White
<b>Luminous flux per meter</b>	1000 lm
<b>Luminous flux</b>	5000 lm
<b>Luminous efficacy</b>	132 lm/W
<b>Color rendering index Ra</b>	>80

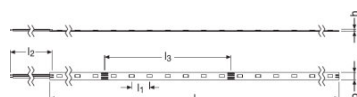
Light technical data

<b>Beam angle</b>	120 °
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LED module information

<b>Number of LEDs per module</b>	350
<b>Number of LEDs per meter</b>	70

Dimensions & weight



<b>Length</b>	5000 mm
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<b>Width</b>	8.0 mm
<b>Height</b>	1.30 mm
<b>Product weight</b>	90.00 g
<b>Length – smallest unit</b>	100.0 mm
<b>Cable length</b>	500.0 mm
<b>LED pitch</b>	14.28 mm

### Temperatures & operating conditions

<b>Temperature range in operation</b>	-25...75 °C <sup>1)</sup>
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<sup>1)</sup> Exceeding the maximum ratings will reduce expected life time or destroy the LED strip.

### Additional product data

<b>Product remark</b>	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information, see <a href="http://www.osram.com/led-systems">www.osram.com/led-systems</a> /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

<b>Dimmable</b>	Yes
<b>Self-adhesive</b>	Yes
<b>Lowest bending radius</b>	50 mm
<b>With connection set</b>	Yes
<b>With end piece</b>	Yes

### Certificates & standards

<b>Energy efficiency class</b>	A+
<b>Standards</b>	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
<b>Type of protection</b>	IP20
<b>Energy consumption</b>	9 kWh/1000h

### Logistical data






<b>Temperature range at storage</b>	-30...85 °C
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## EQUIPMENT / ACCESSORIES

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

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**DOWNLOAD DATA**

File	
	User instruction VALUE Flex
	Certificates EAC Certificate
	Certificates Manufacturers Declaration for Value Flex Family
	Declarations of conformity EU Declaration of Conformity VF and VFP
	Eulumdat Eulumdat VF1000-G3-840-05

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**LOGISTICAL DATA**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899525931	VF1000 -G3-840-05	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm <sup>3</sup>	2154.00 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.

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**DISCLAIMER**

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