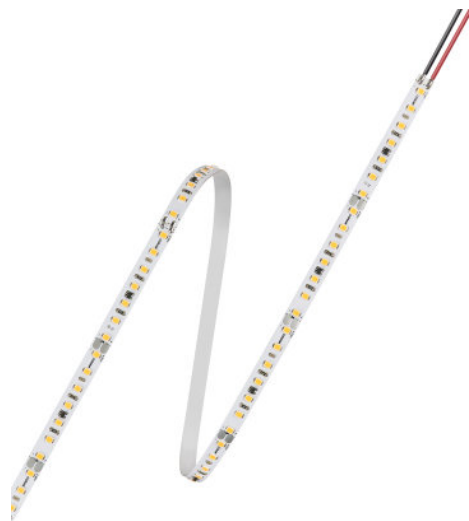


## VF1200S -G3-830-06

VALUE Flex 1200S | LED modules for semi-professional applications



### Areas of application

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

### Product family 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 datasheet

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### Product family features

- Available with light color: Warm White, Cool White
- Luminous flux: up to 1,200 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	10.0 W
Rated wattage	60.00 W
Input voltage range	23...25 V
Accidental reverse input voltage protection up to	25 V

### Photometrical data

Light color LED	White
Color temperature	3000 K
Color rendering index Ra	>80
Luminous flux per meter	1150 lm
Total useful luminous flux	6900 lm
Luminous efficacy	115 lm/W
Standard deviation of color matching	≤4 sdcn
Light color (designation)	White

### Light technical data

LED pitch	8.57 mm
Beam angle	120 °
Rated beam angle (half peak value)	120.00 °
Starting time	< 0.5 s
Warm-up time (60 %)	< 0.50 s

### LED module information

Number of LEDs per meter	116
Number of LEDs per smallest unit	7

## Dimensions & weight

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<b>Length</b>	6000 mm
<b>Length – smallest unit</b>	60.0 mm
<b>Width</b>	8.0 mm
<b>Height</b>	1.5 mm
<b>Cable length</b>	500.0 mm
<b>Product weight</b>	117.00 g
<b>Cable cross-section, input side</b>	20AWG(0.519mm <sup>2</sup> ) mm <sup>2</sup>

## Temperatures & operating conditions

<b>Performance temp. acc. to IEC 62717</b>	40 °C
<b>Temperature range in operation at Tc point</b>	-25...80 °C <sup>1)</sup>
<b>Ambient temperature range</b>	-25...+55 °C <sup>2)</sup>
<b>Temperature range at storage</b>	-30...85 °C

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

<sup>2)</sup> 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

<b>Rated lamp life time</b>	35000 h
<b>Nominal lamp life time</b>	35000 h
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Number of switching cycles</b>	15000

## Additional product data

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## Product datasheet

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

### Certificates & standards

<b>Energy efficiency class</b>	A+ <sup>1)</sup>
<b>Energy consumption</b>	66 kWh/1000h
<b>Standards</b>	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/CE
<b>Type of protection</b>	IP20

<sup>1)</sup> Applicable to tested length of 960 mm



### Logistical data

<b>Commodity code</b>	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

## Product datasheet

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	Certificates EAC Certificate
	Certificates Manufacturers Declaration for Value Flex Family
	Declarations of conformity EU Declaration of Conformity VF and VFP
	Eulumdat Eulumdat VF1200S-G3-830-06

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### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899528819	VF1200S -G3-830-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm <sup>3</sup>	2487.00 g

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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.