

## VALUE Flex Protect 1200S

Linear LED modules for flexible and individualized lighting solutions



### Areas of application

- Wet or damp areas
- General illumination
- Hospitality
- Display cabinet lighting
- Signage
- Architecture lighting
- Wall integration
- Suitable for outdoor use

### 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
- Protection against the ingress of water according to IP66
- Multi-cutable LED strip with SLIMCONNECT system G2

### Product features

- Available with light color: Warm White, Cool White
- Luminous flux: up to 1,200 lm/m
- Type of protection: IP66
- High color consistency: 4 SDCM
- Beam angle per module: 120°
- Dimmable with suitable OPTOTRONIC control gears



## Product family datasheet

### Technical data

#### Electrical data

Product description	Nominal voltage	Rated wattage	Nominal wattage per meter	Reverse Voltage	Input voltage range
VFP1200S -G3-827-06 <sup>1)</sup>	24.0 V	60.00 W	10.0 W	25 V	23...25 V
VFP1200S -G3-830-06 <sup>1)</sup>	24.0 V	60.00 W	10.0 W	25 V	23...25 V
VFP1200S -G3-840-06 <sup>1)</sup>	24.0 V	60.00 W	10.0 W	25 V	23...25 V
VFP1200S -G3-865-06 <sup>1)</sup>	24.0 V	60.00 W	10.0 W	25 V	23...25 V

<sup>1)</sup> 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/](http://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

#### Photometrical data

Product description	Color temperature	Light color (designation)	Light color LED	Luminous flux per meter	Luminous flux	Luminous efficacy
VFP1200S -G3-827-06 <sup>1)</sup>	2700 K	White	White	1100 lm	6600 lm	110 lm/W
VFP1200S -G3-830-06 <sup>1)</sup>	3000 K	White	White	1150 lm	6900 lm	115 lm/W
VFP1200S -G3-840-06 <sup>1)</sup>	4000 K	White	White	1200 lm	7200 lm	120 lm/W
VFP1200S -G3-865-06 <sup>1)</sup>	6500 K	White	White	1200 lm	7200 lm	120 lm/W

Product description	Color rendering index Ra
VFP1200S -G3-827-06 <sup>1)</sup>	>80
VFP1200S -G3-830-06 <sup>1)</sup>	>80
VFP1200S -G3-840-06 <sup>1)</sup>	>80
VFP1200S -G3-865-06 <sup>1)</sup>	>80

<sup>1)</sup> 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/](http://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

#### Light technical data

Product description	Beam angle
VFP1200S -G3-827-06 <sup>1)</sup>	120 °
VFP1200S -G3-830-06 <sup>1)</sup>	120 °
VFP1200S -G3-840-06 <sup>1)</sup>	120 °
VFP1200S -G3-865-06 <sup>1)</sup>	120 °

<sup>1)</sup> 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/](http://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

## Product family datasheet

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### LED module information

Product description	Number of LEDs per module	Number of LEDs per meter
VFP1200S -G3-827-06 <sup>1)</sup>	700	116
VFP1200S -G3-830-06 <sup>1)</sup>	700	116
VFP1200S -G3-840-06 <sup>1)</sup>	700	116
VFP1200S -G3-865-06 <sup>1)</sup>	700	116

<sup>1)</sup> 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/](http://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

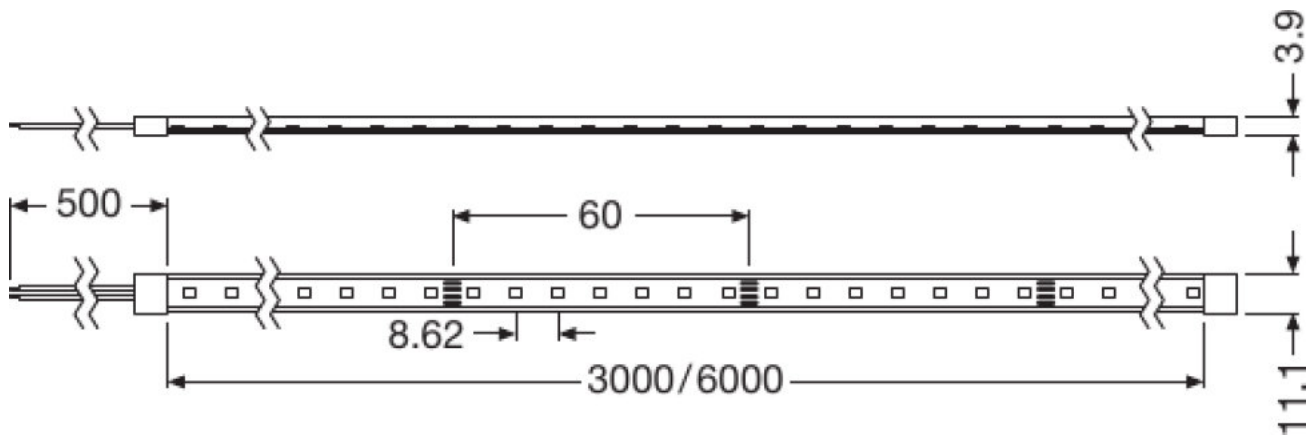
### Dimensions & weight

Product description	Length	Width	Height	Product weight
VFP1200S -G3-827-06 <sup>1)</sup>	6000 mm	11.0 mm	4.0 mm	465.00 g
VFP1200S -G3-830-06 <sup>1)</sup>	6000 mm	11.0 mm	4.0 mm	465.00 g
VFP1200S -G3-840-06 <sup>1)</sup>	6000 mm	11.0 mm	4.0 mm	465.00 g
VFP1200S -G3-865-06 <sup>1)</sup>	6000 mm	11.0 mm	4.0 mm	465.00 g

<sup>1)</sup> 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/](http://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

## Product family datasheet

### Product line drawing



VFP1200S -G3-827-06, VFP1200S -G3-830-06, VFP1200S -G3-840-06, VFP1200S -G3-865-06

### Temperatures & operating conditions

Product description	Temperature range in operation
VFP1200S -G3-827-06 <sup>1)</sup>	-10...70 °C
VFP1200S -G3-830-06 <sup>1)</sup>	-10...70 °C
VFP1200S -G3-840-06 <sup>1)</sup>	-10...70 °C
VFP1200S -G3-865-06 <sup>1)</sup>	-10...70 °C

<sup>1)</sup> 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](http://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

### Capabilities

Product description	Dimmable
VFP1200S -G3-827-06 <sup>1)</sup>	Yes
VFP1200S -G3-830-06 <sup>1)</sup>	Yes
VFP1200S -G3-840-06 <sup>1)</sup>	Yes
VFP1200S -G3-865-06 <sup>1)</sup>	Yes

<sup>1)</sup> 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](http://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

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### Certificates & standards

Product description	Energy efficiency class	Standards
VFP1200S -G3-827-06 <sup>1)</sup>	A+ <sup>2)</sup>	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
VFP1200S -G3-830-06 <sup>1)</sup>	A+ <sup>2)</sup>	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
VFP1200S -G3-840-06 <sup>1)</sup>	A+ <sup>2)</sup>	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
VFP1200S -G3-865-06 <sup>1)</sup>	A+ <sup>2)</sup>	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

<sup>1)</sup> 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/](http://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

<sup>2)</sup> Applicable on smallest operable unit

### Logistical data

Product description	Temperature range at storage
VFP1200S -G3-827-06 <sup>1)</sup>	-30...85 °C
VFP1200S -G3-830-06 <sup>1)</sup>	-30...85 °C
VFP1200S -G3-840-06 <sup>1)</sup>	-30...85 °C
VFP1200S -G3-865-06 <sup>1)</sup>	-30...85 °C

<sup>1)</sup> 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/](http://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

### Equipment / Accessories

- SLIMCONNECT system G2
- Optional Track system
- ELEMENT LED drivers
- OPTOTRONIC LED drivers

### Application advice



For more detailed application information and graphics please see product datasheet.

### Sales and Technical Support

## Product family datasheet

Sales and Technical Support [www.osram.com](http://www.osram.com)

### Download Data

File	
	Certificates Manufacturers Declaration for Value Flex Family
	Declarations of conformity EU Declaration of Conformity VF and VFP

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899528383	VFP1200S -G3-827-06	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm <sup>3</sup>	6478.00 g
4052899528406	VFP1200S -G3-830-06	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm <sup>3</sup>	6478.00 g
4052899528420	VFP1200S -G3-840-06	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm <sup>3</sup>	6478.00 g
4052899528444	VFP1200S -G3-865-06	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm <sup>3</sup>	6478.00 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.