

VALUE Flex Protect 2400S

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 2300 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
VFP2400S -G3-827-03 ¹⁾	24.0 V	60.00 W	20.0 W	25 V	23...25 V
VFP2400S -G3-830-03 ¹⁾	24.0 V	60.00 W	20.0 W	25 V	23...25 V
VFP2400S -G3-840-03 ¹⁾	24.0 V	60.00 W	20.0 W	25 V	23...25 V
VFP2400S -G3-865-03 ¹⁾	24.0 V	60.00 W	20.0 W	25 V	23...25 V

¹⁾ 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

Photometrical data

Product description	Color temperature	Light color (designation)	Light color LED	Luminous flux per meter	Luminous flux	Luminous efficacy
VFP2400S -G3-827-03 ¹⁾	2700 K	White	White	2100 lm	6300 lm	105 lm/W
VFP2400S -G3-830-03 ¹⁾	3000 K	White	White	2200 lm	6600 lm	110 lm/W
VFP2400S -G3-840-03 ¹⁾	4000 K	White	White	2300 lm	6900 lm	115 lm/W
VFP2400S -G3-865-03 ¹⁾	6500 K	White	White	2300 lm	6900 lm	115 lm/W

Product description	Color rendering index Ra
VFP2400S -G3-827-03 ¹⁾	>80
VFP2400S -G3-830-03 ¹⁾	>80
VFP2400S -G3-840-03 ¹⁾	>80
VFP2400S -G3-865-03 ¹⁾	>80

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Light technical data

Product description	Beam angle
VFP2400S -G3-827-03 ¹⁾	120 °
VFP2400S -G3-830-03 ¹⁾	120 °
VFP2400S -G3-840-03 ¹⁾	120 °
VFP2400S -G3-865-03 ¹⁾	120 °

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Product family datasheet

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LED module information

Product description	Number of LEDs per module	Number of LEDs per meter
VFP2400S -G3-827-03 ¹⁾	350	116
VFP2400S -G3-830-03 ¹⁾	350	116
VFP2400S -G3-840-03 ¹⁾	350	116
VFP2400S -G3-865-03 ¹⁾	350	116

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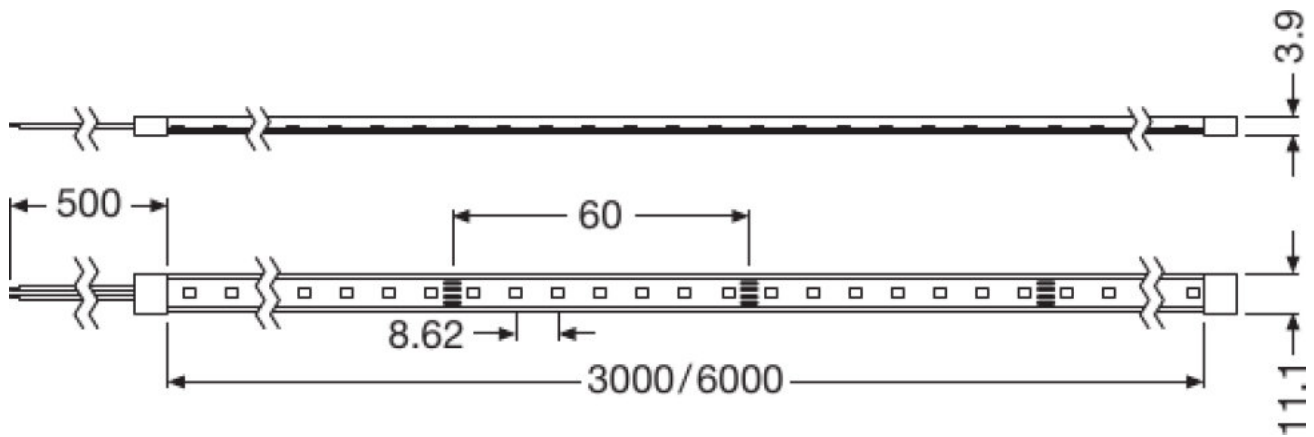
Dimensions & weight

Product description	Length	Width	Height	Product weight
VFP2400S -G3-827-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	243.00 g
VFP2400S -G3-830-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	243.00 g
VFP2400S -G3-840-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	243.00 g
VFP2400S -G3-865-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	243.00 g

¹⁾ 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

Product family datasheet

Product line drawing



VFP2400S -G3-827-03, VFP2400S -G3-830-03, VFP2400S -G3-840-03, VFP2400S -G3-865-03

Temperatures & operating conditions

Product description	Temperature range in operation
VFP2400S -G3-827-03 ¹⁾	-10...70 °C
VFP2400S -G3-830-03 ¹⁾	-10...70 °C
VFP2400S -G3-840-03 ¹⁾	-10...70 °C
VFP2400S -G3-865-03 ¹⁾	-10...70 °C

¹⁾ 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

Capabilities

Product description	Dimmable
VFP2400S -G3-827-03 ¹⁾	Yes
VFP2400S -G3-830-03 ¹⁾	Yes
VFP2400S -G3-840-03 ¹⁾	Yes
VFP2400S -G3-865-03 ¹⁾	Yes

¹⁾ 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

Product family datasheet

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Certificates & standards

Product description	Energy efficiency class	Standards
VFP2400S -G3-827-03 ¹⁾	A+ ²⁾	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
VFP2400S -G3-830-03 ¹⁾	A+ ²⁾	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
VFP2400S -G3-840-03 ¹⁾	A+ ²⁾	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
VFP2400S -G3-865-03 ¹⁾	A+ ²⁾	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

¹⁾ 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

²⁾ Applicable on smallest operable unit

Logistical data

Product description	Temperature range at storage
VFP2400S -G3-827-03 ¹⁾	-30...85 °C
VFP2400S -G3-830-03 ¹⁾	-30...85 °C
VFP2400S -G3-840-03 ¹⁾	-30...85 °C
VFP2400S -G3-865-03 ¹⁾	-30...85 °C

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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

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
4052899528543	VFP2400S -G3-827-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	3777.00 g
4052899528567	VFP2400S -G3-830-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	3777.00 g
4052899528581	VFP2400S -G3-840-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	3777.00 g
4052899528604	VFP2400S -G3-865-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	3777.00 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.