

VALUE Flex Protect 300

Linear LED modules for flexible and individualized lighting solutions



Areas of application

- Wet or damp areas
- Path lighting
- Wall integration
- Decorative lighting

Product 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
- 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 300 lm/m
- Type of protection: IP66
- Self-cooling
- 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
VFP300 -G3-827-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VFP300 -G3-827-06 ¹⁾	24.0 V	12.00 W	2.0 W	25 V	23...25 V
VFP300 -G3-830-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VFP300 -G3-830-06 ¹⁾	24.0 V	12.00 W	2.0 W	25 V	23...25 V
VFP300 -G3-840-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VFP300 -G3-840-06 ¹⁾	24.0 V	12.00 W	2.0 W	25 V	23...25 V
VFP300 -G3-865-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VFP300 -G3-865-06 ¹⁾	24.0 V	12.00 W	2.0 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
VFP300 -G3-827-03 ¹⁾	2700 K	White	White	265 lm	795 lm	133 lm/W
VFP300 -G3-827-06 ¹⁾	2700 K	White	White	265 lm	1590 lm	133 lm/W
VFP300 -G3-830-03 ¹⁾	3000 K	White	White	280 lm	840 lm	140 lm/W
VFP300 -G3-830-06 ¹⁾	3000 K	White	White	280 lm	1680 lm	140 lm/W
VFP300 -G3-840-03 ¹⁾	4000 K	White	White	295 lm	885 lm	148 lm/W
VFP300 -G3-840-06 ¹⁾	4000 K	White	White	295 lm	1770 lm	148 lm/W
VFP300 -G3-865-03 ¹⁾	6500 K	White	White	295 lm	885 lm	148 lm/W
VFP300 -G3-865-06 ¹⁾	6500 K	White	White	295 lm	1770 lm	148 lm/W

Product description	Color rendering index Ra
VFP300 -G3-827-03 ¹⁾	>80
VFP300 -G3-827-06 ¹⁾	>80
VFP300 -G3-830-03 ¹⁾	>80
VFP300 -G3-830-06 ¹⁾	>80
VFP300 -G3-840-03 ¹⁾	>80
VFP300 -G3-840-06 ¹⁾	>80
VFP300 -G3-865-03 ¹⁾	>80
VFP300 -G3-865-06 ¹⁾	>80

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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Light technical data

Product description	Beam angle
VFP300 -G3-827-03 ¹⁾	120 °
VFP300 -G3-827-06 ¹⁾	120 °
VFP300 -G3-830-03 ¹⁾	120 °
VFP300 -G3-830-06 ¹⁾	120 °
VFP300 -G3-840-03 ¹⁾	120 °
VFP300 -G3-840-06 ¹⁾	120 °
VFP300 -G3-865-03 ¹⁾	120 °
VFP300 -G3-865-06 ¹⁾	120 °

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LED module information

Product description	Number of LEDs per module	Number of LEDs per meter
VFP300 -G3-827-03 ¹⁾	210	70
VFP300 -G3-827-06 ¹⁾	420	70
VFP300 -G3-830-03 ¹⁾	210	70
VFP300 -G3-830-06 ¹⁾	420	70
VFP300 -G3-840-03 ¹⁾	210	70
VFP300 -G3-840-06 ¹⁾	420	70
VFP300 -G3-865-03 ¹⁾	210	70
VFP300 -G3-865-06 ¹⁾	420	70

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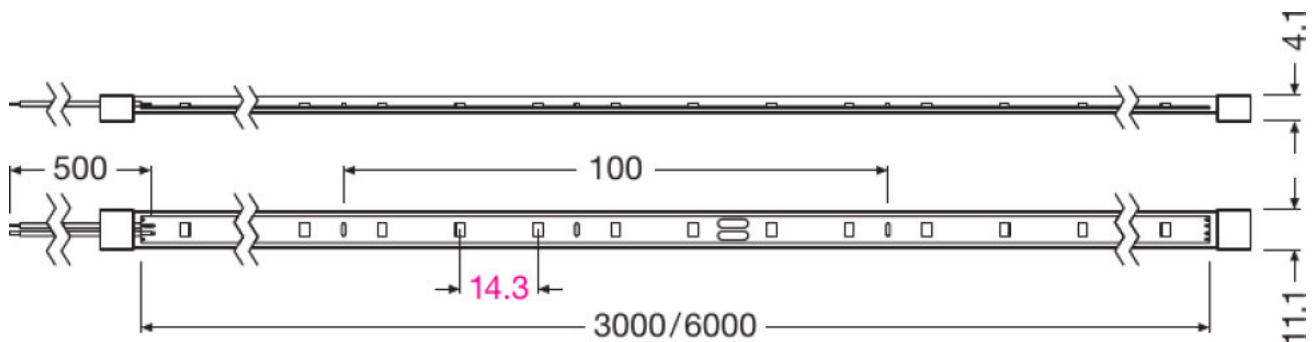
Product family datasheet

Dimensions & weight

Product description	Length	Width	Height	Product weight
VFP300 -G3-827-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	380.00 g
VFP300 -G3-827-06 ¹⁾	6000 mm	11.0 mm	4.0 mm	470.00 g
VFP300 -G3-830-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	380.00 g
VFP300 -G3-830-06 ¹⁾	6000 mm	11.0 mm	4.0 mm	470.00 g
VFP300 -G3-840-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	380.00 g
VFP300 -G3-840-06 ¹⁾	6000 mm	11.0 mm	4.0 mm	470.00 g
VFP300 -G3-865-03 ¹⁾	3000 mm	11.0 mm	4.0 mm	380.00 g
VFP300 -G3-865-06 ¹⁾	6000 mm	11.0 mm	4.0 mm	470.00 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 line drawing



VFP300 -G3-827-03, VFP300 -G3-827-06, VFP300 -G3-830-03, VFP300 -G3-830-06, VFP300 -G3-840-03, VFP300 -G3-840-06, VFP300 -G3-865-03, VFP300 -G3-865-06

Temperatures & operating conditions

Product description	Temperature range in operation
VFP300 -G3-827-03 ¹⁾	-10...70 °C
VFP300 -G3-827-06 ¹⁾	-10...70 °C
VFP300 -G3-830-03 ¹⁾	-10...70 °C
VFP300 -G3-830-06 ¹⁾	-10...70 °C
VFP300 -G3-840-03 ¹⁾	-10...70 °C
VFP300 -G3-840-06 ¹⁾	-10...70 °C
VFP300 -G3-865-03 ¹⁾	-10...70 °C
VFP300 -G3-865-06 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
VFP300 -G3-827-03 ¹⁾	Yes
VFP300 -G3-827-06 ¹⁾	Yes
VFP300 -G3-830-03 ¹⁾	Yes
VFP300 -G3-830-06 ¹⁾	Yes
VFP300 -G3-840-03 ¹⁾	Yes
VFP300 -G3-840-06 ¹⁾	Yes
VFP300 -G3-865-03 ¹⁾	Yes
VFP300 -G3-865-06 ¹⁾	Yes

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Certificates & standards

Product description	Energy efficiency class	Standards
VFP300 -G3-827-03 ¹⁾	A++ ²⁾	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
VFP300 -G3-827-06 ¹⁾	A++ ²⁾	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
VFP300 -G3-830-03 ¹⁾	A++ ²⁾	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
VFP300 -G3-830-06 ¹⁾	A++ ²⁾	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
VFP300 -G3-840-03 ¹⁾	A++ ²⁾	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
VFP300 -G3-840-06 ¹⁾	A++ ²⁾	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
VFP300 -G3-865-03 ¹⁾	A++ ²⁾	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
VFP300 -G3-865-06 ¹⁾	A++ ²⁾	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

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
VFP300 -G3-827-03 ¹⁾	-30...85 °C
VFP300 -G3-827-06 ¹⁾	-30...85 °C
VFP300 -G3-830-03 ¹⁾	-30...85 °C
VFP300 -G3-830-06 ¹⁾	-30...85 °C
VFP300 -G3-840-03 ¹⁾	-30...85 °C
VFP300 -G3-840-06 ¹⁾	-30...85 °C
VFP300 -G3-865-03 ¹⁾	-30...85 °C
VFP300 -G3-865-06 ¹⁾	-30...85 °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

Equipment / Accessories

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

Product family datasheet

– OPTOTRONIC LED drivers



Application advice

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

Sales and Technical Support

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
4052899528031	VFP300 -G3-827-03	Shipping carton box 10	250 mm x - x -	17.21 dm ³	5147.00 g
4052899528116	VFP300 -G3-827-06	Shipping carton box 10	250 mm x - x -	17.21 dm ³	6047.00 g
4052899528055	VFP300 -G3-830-03	Shipping carton box 10	250 mm x - x -	17.21 dm ³	5147.00 g
4052899528130	VFP300 -G3-830-06	Shipping carton box 10	250 mm x - x -	17.21 dm ³	6047.00 g
4052899528079	VFP300 -G3-840-03	Shipping carton box 10	250 mm x - x -	17.21 dm ³	5147.00 g
4052899528154	VFP300 -G3-840-06	Shipping carton box 10	250 mm x - x -	17.21 dm ³	6047.00 g
4052899528093	VFP300 -G3-865-03	Shipping carton box 10	250 mm x - x -	17.21 dm ³	5147.00 g
4052899528178	VFP300 -G3-865-06	Shipping carton box 10	250 mm x - x -	17.21 dm ³	6047.00 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

Product family datasheet

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

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