

VALUE Flex 300

LED modules for semi-professional applications



Areas of application

- Hospitality
- Under-cabinet lighting
- Shelf lighting
- 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
- Easy to cut and reconnect to the reliable SLIMCONNECT system G2

Product features

- Available with light color: Warm White, Cool White
- Luminous flux: up to 330 lm/m
- High color consistency: 4 SDCM
- Self-cooling
- Beam angle per module: 120°
- Dimmable with suitable OPTOTRONIC control gears
- Type of protection: IP20



Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Rated wattage	Nominal wattage per meter	Reverse Voltage	Input voltage range
VF300 -G3-827-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VF300 -G3-827-06 ¹⁾	24.0 V	12.00 W	2.0 W	25 V	23...25 V
VF300 -G3-830-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VF300 -G3-830-06 ¹⁾	24.0 V	12.00 W	2.0 W	25 V	23...25 V
VF300 -G3-840-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VF300 -G3-840-06 ¹⁾	24.0 V	12.00 W	2.0 W	25 V	23...25 V
VF300 -G3-865-03 ¹⁾	24.0 V	6.00 W	2.0 W	25 V	23...25 V
VF300 -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
VF300 -G3-827-03 ¹⁾	2700 K	White	White	280 lm	840 lm	140 lm/W
VF300 -G3-827-06 ¹⁾	2700 K	White	White	280 lm	1680 lm	140 lm/W
VF300 -G3-830-03 ¹⁾	3000 K	White	White	295 lm	885 lm	148 lm/W
VF300 -G3-830-06 ¹⁾	3000 K	White	White	295 lm	1770 lm	148 lm/W
VF300 -G3-840-03 ¹⁾	4000 K	White	White	310 lm	930 lm	155 lm/W
VF300 -G3-840-06 ¹⁾	4000 K	White	White	310 lm	1860 lm	155 lm/W
VF300 -G3-865-03 ¹⁾	6500 K	White	White	310 lm	930 lm	155 lm/W
VF300 -G3-865-06 ¹⁾	6500 K	White	White	310 lm	1860 lm	155 lm/W

Product description	Color rendering index Ra
VF300 -G3-827-03 ¹⁾	>80
VF300 -G3-827-06 ¹⁾	>80
VF300 -G3-830-03 ¹⁾	>80
VF300 -G3-830-06 ¹⁾	>80
VF300 -G3-840-03 ¹⁾	>80
VF300 -G3-840-06 ¹⁾	>80
VF300 -G3-865-03 ¹⁾	>80
VF300 -G3-865-06 ¹⁾	>80

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Product family datasheet

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Light technical data

Product description	Beam angle
VF300 -G3-827-03 ¹⁾	120 °
VF300 -G3-827-06 ¹⁾	120 °
VF300 -G3-830-03 ¹⁾	120 °
VF300 -G3-830-06 ¹⁾	120 °
VF300 -G3-840-03 ¹⁾	120 °
VF300 -G3-840-06 ¹⁾	120 °
VF300 -G3-865-03 ¹⁾	120 °
VF300 -G3-865-06 ¹⁾	120 °

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LED module information

Product description	Number of LEDs per module	Number of LEDs per meter
VF300 -G3-827-03 ¹⁾	210	70
VF300 -G3-827-06 ¹⁾	420	70
VF300 -G3-830-03 ¹⁾	210	70
VF300 -G3-830-06 ¹⁾	420	70
VF300 -G3-840-03 ¹⁾	210	70
VF300 -G3-840-06 ¹⁾	420	70
VF300 -G3-865-03 ¹⁾	210	70
VF300 -G3-865-06 ¹⁾	420	70

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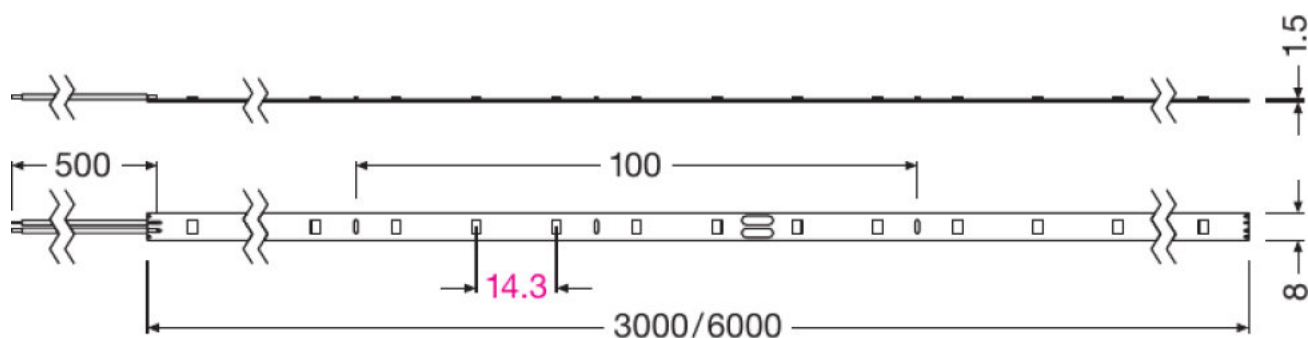
Product family datasheet

Dimensions & weight

Product description	Length	Width	Height	Product weight
VF300 -G3-827-03 ¹⁾	3000 mm	8.0 mm	1.5 mm	380.00 g
VF300 -G3-827-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	380.00 g
VF300 -G3-830-03 ¹⁾	3000 mm	8.0 mm	1.5 mm	380.00 g
VF300 -G3-830-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	380.00 g
VF300 -G3-840-03 ¹⁾	3000 mm	8.0 mm	1.5 mm	380.00 g
VF300 -G3-840-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	380.00 g
VF300 -G3-865-03 ¹⁾	3000 mm	8.0 mm	1.5 mm	380.00 g
VF300 -G3-865-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	380.00 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



VF300 -G3-827-03, VF300 -G3-827-06, VF300 -G3-830-03, VF300 -G3-830-06, VF300 -G3-840-03, VF300 -G3-840-06, VF300 -G3-865-03, VF300 -G3-865-06

Temperatures & operating conditions

Product description	Temperature range in operation
VF300 -G3-827-03 ¹⁾	-10...70 °C
VF300 -G3-827-06 ¹⁾	-10...70 °C
VF300 -G3-830-03 ¹⁾	-10...70 °C
VF300 -G3-830-06 ¹⁾	-10...70 °C
VF300 -G3-840-03 ¹⁾	-10...70 °C
VF300 -G3-840-06 ¹⁾	-10...70 °C
VF300 -G3-865-03 ¹⁾	-10...70 °C
VF300 -G3-865-06 ¹⁾	-10...70 °C

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Capabilities

Product description	Dimmable
VF300 -G3-827-03 ¹⁾	Yes
VF300 -G3-827-06 ¹⁾	Yes
VF300 -G3-830-03 ¹⁾	Yes
VF300 -G3-830-06 ¹⁾	Yes
VF300 -G3-840-03 ¹⁾	Yes
VF300 -G3-840-06 ¹⁾	Yes
VF300 -G3-865-03 ¹⁾	Yes
VF300 -G3-865-06 ¹⁾	Yes

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Product family datasheet

Certificates & standards

Product description	Energy efficiency class	Standards
VF300 -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
VF300 -G3-827-06 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
VF300 -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
VF300 -G3-830-06 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
VF300 -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
VF300 -G3-840-06 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
VF300 -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
VF300 -G3-865-06 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

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²⁾ Applicable on smallest operable unit

Logistical data

Product description	Temperature range at storage
VF300 -G3-827-03 ¹⁾	-30...85 °C
VF300 -G3-827-06 ¹⁾	-30...85 °C
VF300 -G3-830-03 ¹⁾	-30...85 °C
VF300 -G3-830-06 ¹⁾	-30...85 °C
VF300 -G3-840-03 ¹⁾	-30...85 °C
VF300 -G3-840-06 ¹⁾	-30...85 °C
VF300 -G3-865-03 ¹⁾	-30...85 °C
VF300 -G3-865-06 ¹⁾	-30...85 °C

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Equipment / Accessories

- SLIMCONNECTsystem FLEX IP54 connector
- 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
4052899527874	VF300 -G3-827-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 g
4052899527959	VF300 -G3-827-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 g
4052899527898	VF300 -G3-830-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 g
4052899527973	VF300 -G3-830-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 g
4052899527911	VF300 -G3-840-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 g
4052899527997	VF300 -G3-840-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 g
4052899527935	VF300 -G3-865-03	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 g
4052899528017	VF300 -G3-865-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	5147.00 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.