

VALUE Flex Protect 600

Linear LED modules for flexible and individualized lighting solutions



Areas of application

- Wet or damp areas
- 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 655 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
VFP600 -G3-827-05 ¹⁾	24.0 V	23.00 W	4.6 W	25 V	23...25 V
VFP600 -G3-830-05 ¹⁾	24.0 V	23.00 W	4.6 W	25 V	23...25 V
VFP600 -G3-840-05 ¹⁾	24.0 V	23.00 W	4.6 W	25 V	23...25 V
VFP600 -G3-865-05 ¹⁾	24.0 V	23.00 W	4.6 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
VFP600 -G3-827-05 ¹⁾	2700 K	White	White	590 lm	2950 lm	128 lm/W
VFP600 -G3-830-05 ¹⁾	3000 K	White	White	620 lm	3100 lm	135 lm/W
VFP600 -G3-840-05 ¹⁾	4000 K	White	White	655 lm	3275 lm	142 lm/W
VFP600 -G3-865-05 ¹⁾	6500 K	White	White	655 lm	3275 lm	142 lm/W

Product description	Color rendering index Ra
VFP600 -G3-827-05 ¹⁾	>80
VFP600 -G3-830-05 ¹⁾	>80
VFP600 -G3-840-05 ¹⁾	>80
VFP600 -G3-865-05 ¹⁾	>80

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Light technical data

Product description	Beam angle
VFP600 -G3-827-05 ¹⁾	120 °
VFP600 -G3-830-05 ¹⁾	120 °
VFP600 -G3-840-05 ¹⁾	120 °
VFP600 -G3-865-05 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
VFP600 -G3-827-05 ¹⁾	350	70
VFP600 -G3-830-05 ¹⁾	350	70
VFP600 -G3-840-05 ¹⁾	350	70
VFP600 -G3-865-05 ¹⁾	350	70

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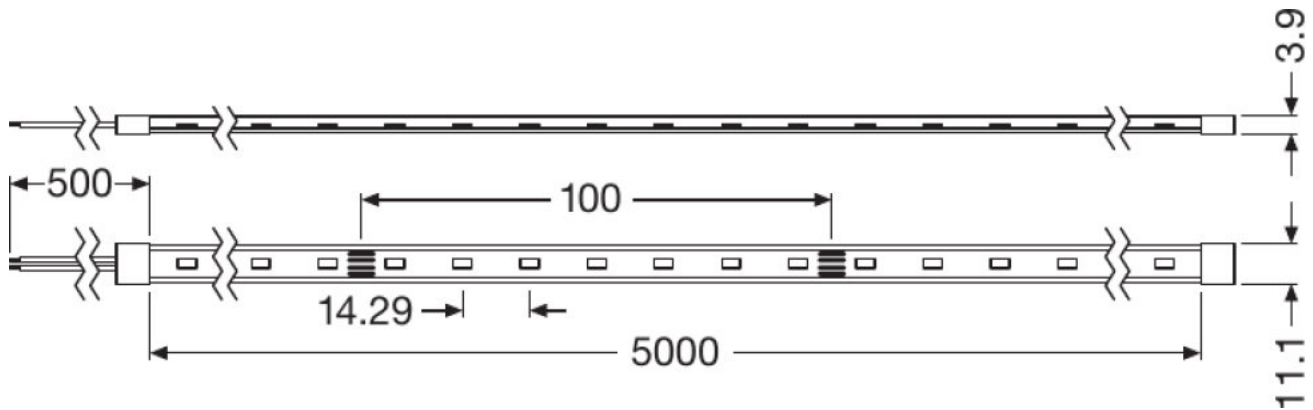
Dimensions & weight

Product description	Length	Width	Height	Product weight
VFP600 -G3-827-05 ¹⁾	5000 mm	11.0 mm	4.0 mm	380.00 g
VFP600 -G3-830-05 ¹⁾	5000 mm	11.0 mm	4.0 mm	380.00 g
VFP600 -G3-840-05 ¹⁾	5000 mm	11.0 mm	4.0 mm	380.00 g
VFP600 -G3-865-05 ¹⁾	5000 mm	11.0 mm	4.0 mm	380.00 g

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Product family datasheet

Product line drawing



VFP600 -G3-827-05, VFP600 -G3-830-05, VFP600 -G3-840-05, VFP600 -G3-865-05

Temperatures & operating conditions

Product description	Temperature range in operation
VFP600 -G3-827-05 ¹⁾	-10...70 °C
VFP600 -G3-830-05 ¹⁾	-10...70 °C
VFP600 -G3-840-05 ¹⁾	-10...70 °C
VFP600 -G3-865-05 ¹⁾	-10...70 °C

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Capabilities

Product description	Dimmable
VFP600 -G3-827-05 ¹⁾	Yes
VFP600 -G3-830-05 ¹⁾	Yes
VFP600 -G3-840-05 ¹⁾	Yes
VFP600 -G3-865-05 ¹⁾	Yes

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Product family datasheet

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Certificates & standards

Product description	Energy efficiency class	Standards
VFP600 -G3-827-05 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
VFP600 -G3-830-05 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
VFP600 -G3-840-05 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
VFP600 -G3-865-05 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
VFP600 -G3-827-05 ¹⁾	-30...85 °C
VFP600 -G3-830-05 ¹⁾	-30...85 °C
VFP600 -G3-840-05 ¹⁾	-30...85 °C
VFP600 -G3-865-05 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
- 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
4052899526297	VFP600 -G3-827-05	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm ³	5628.00 g
4052899526310	VFP600 -G3-830-05	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm ³	5628.00 g
4052899526334	VFP600 -G3-840-05	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm ³	5628.00 g
4052899526358	VFP600 -G3-865-05	Shipping carton box 10	315 mm x 290 mm x 293 mm	26.77 dm ³	5628.00 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.