

VALUE Flex 800S

LED modules for semi-professional applications



Areas of application

- Hospitality
- Signage
- Architecture lighting
- Cove lighting
- General illumination
- Wall integration
- Display cabinet lighting

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
- 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 940 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
VF800S -G3-827-06 ¹⁾	24.0 V	38.50 W	6.4 W	25 V	23...25 V
VF800S -G3-830-06 ¹⁾	24.0 V	38.50 W	6.4 W	25 V	23...25 V
VF800S -G3-840-06 ¹⁾	24.0 V	38.50 W	6.4 W	25 V	23...25 V
VF800S -G3-865-06 ¹⁾	24.0 V	38.50 W	6.4 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
VF800S -G3-827-06 ¹⁾	2700 K	White	White	850 lm	5100 lm	132 lm/W
VF800S -G3-830-06 ¹⁾	3000 K	White	White	890 lm	5340 lm	139 lm/W
VF800S -G3-840-06 ¹⁾	4000 K	White	White	940 lm	5640 lm	146 lm/W
VF800S -G3-865-06 ¹⁾	6500 K	White	White	940 lm	5640 lm	146 lm/W

Product description	Color rendering index Ra
VF800S -G3-827-06 ¹⁾	>80
VF800S -G3-830-06 ¹⁾	>80
VF800S -G3-840-06 ¹⁾	>80
VF800S -G3-865-06 ¹⁾	>80

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Light technical data

Product description	Beam angle
VF800S -G3-827-06 ¹⁾	120 °
VF800S -G3-830-06 ¹⁾	120 °
VF800S -G3-840-06 ¹⁾	120 °
VF800S -G3-865-06 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
VF800S -G3-827-06 ¹⁾	700	112
VF800S -G3-830-06 ¹⁾	700	112
VF800S -G3-840-06 ¹⁾	700	112
VF800S -G3-865-06 ¹⁾	700	112

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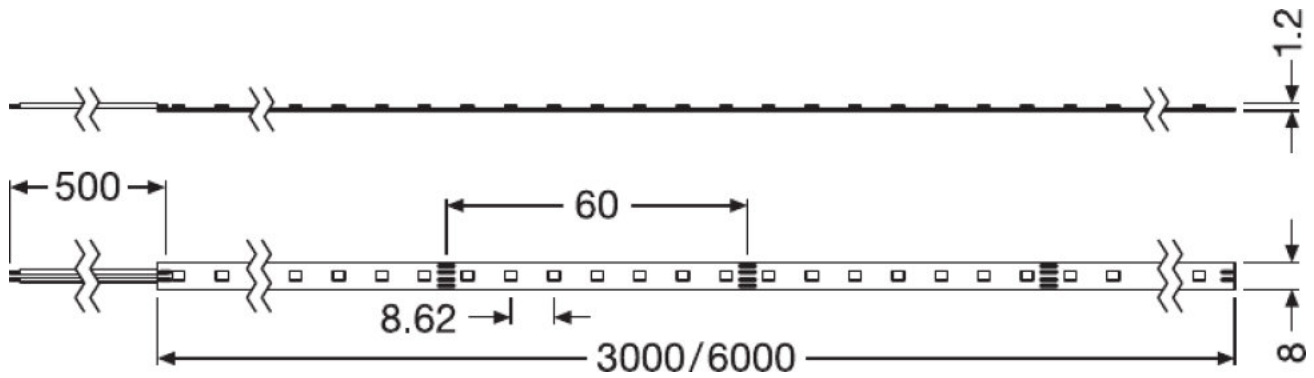
Dimensions & weight

Product description	Length	Width	Height	Product weight
VF800S -G3-827-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	130.00 g
VF800S -G3-830-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	130.00 g
VF800S -G3-840-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	130.00 g
VF800S -G3-865-06 ¹⁾	6000 mm	8.0 mm	1.5 mm	130.00 g

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Product family datasheet

Product line drawing



VF800S -G3-827-06, VF800S -G3-830-06, VF800S -G3-840-06, VF800S -G3-865-06

Temperatures & operating conditions

Product description	Temperature range in operation
VF800S -G3-827-06 ¹⁾	-10...70 °C
VF800S -G3-830-06 ¹⁾	-10...70 °C
VF800S -G3-840-06 ¹⁾	-10...70 °C
VF800S -G3-865-06 ¹⁾	-10...70 °C

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Capabilities

Product description	Dimmable
VF800S -G3-827-06 ¹⁾	Yes
VF800S -G3-830-06 ¹⁾	Yes
VF800S -G3-840-06 ¹⁾	Yes
VF800S -G3-865-06 ¹⁾	Yes

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Product family datasheet

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Certificates & standards

Product description	Energy efficiency class	Standards
VF800S -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
VF800S -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
VF800S -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
VF800S -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

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
VF800S -G3-827-06 ¹⁾	-30...85 °C
VF800S -G3-830-06 ¹⁾	-30...85 °C
VF800S -G3-840-06 ¹⁾	-30...85 °C
VF800S -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

- SLIMCONNECTsystem FLEX IP54 connector
- 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
4052899526136	VF800S -G3-827-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	2617.00 g
4052899526150	VF800S -G3-830-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	2617.00 g
4052899526174	VF800S -G3-840-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	2617.00 g
4052899526198	VF800S -G3-865-06	Shipping carton box 10	250 mm x 235 mm x 293 mm	17.21 dm ³	2617.00 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.