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## VALUE Flex Protect 600

LED modules for semi-professional applications



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### Areas of application

- Hospitality
- Display cabinet lighting
- Signage
- Architecture lighting
- Wall integration

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### Product benefits

- Energy saving low-power flexible LED strip
- Easy installation with track system

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### Product features

- Multiply cuttable LED strip with connectors (IP54)
- Available with light color: Warm White, Cool White
- Beam angle per module: 120°
- Type of protection: IP66
- Dimmable



# Product family datasheet

## Technical data

### Electrical data

Product description	Nominal voltage	Rated wattage	Reverse Voltage	Input voltage range
VFP 600-827-6000	24.0 V	46.00 W	25 V	23...25 V
VFP 600-830-6000	24.0 V	46.00 W	25 V	23...25 V
VFP 600-840-6000	24.0 V	46.00 W	25 V	23...25 V
VFP 600-865-6000	24.0 V	46.00 W	25 V	23...25 V

### Photometrical data

Product description	Color temperature	Light color (designation)	Light color LED	Luminous efficacy
VFP 600-827-6000	2700 K	Warm White	White	72 lm/W
VFP 600-830-6000	3000 K	Warm White	White	72 lm/W
VFP 600-840-6000	4000 K	Cold White	White	78 lm/W
VFP 600-865-6000	6500 K	Cool Daylight	White	78 lm/W

### Light technical data

Product description	Beam angle
VFP 600-827-6000	120 °
VFP 600-830-6000	120 °
VFP 600-840-6000	120 °
VFP 600-865-6000	120 °

### LED module information

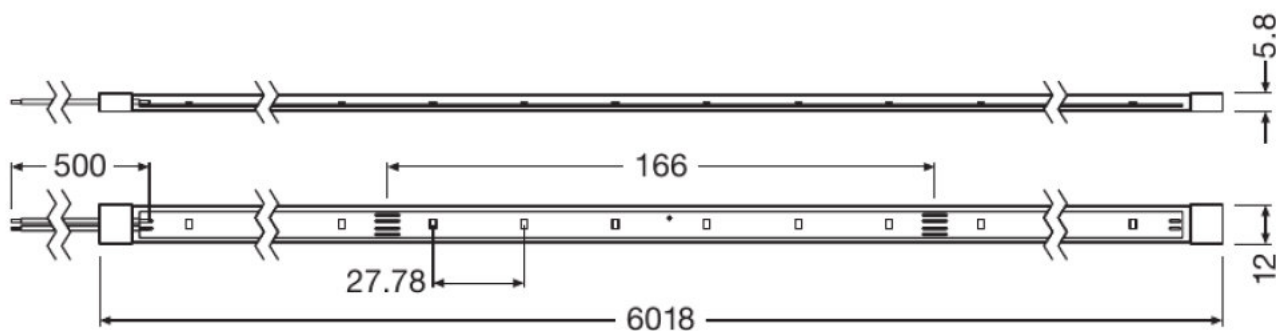
Product description	Number of LEDs per module	Number of LEDs per meter
VFP 600-827-6000	216	36
VFP 600-830-6000	216	36
VFP 600-840-6000	216	36
VFP 600-865-6000	216	36

# Product family datasheet

## Dimensions & weight

Product description	Length	Width	Height	Product weight
VFP 600-827-6000	6018 mm	11.0 mm	4.8 mm	390.00 g
VFP 600-830-6000	6018 mm	11.0 mm	4.8 mm	390.00 g
VFP 600-840-6000	6018 mm	11.0 mm	4.8 mm	390.00 g
VFP 600-865-6000	6018 mm	11.0 mm	4.8 mm	390.00 g

## Product line drawing



VFP 600-827-6000, VFP 600-830-6000, VFP 600-840-6000, VFP 600-865-6000

## Temperatures & operating conditions

Product description	Temperature range in operation [PIM]
VFP 600-827-6000	-10...60 °C
VFP 600-830-6000	-10...60 °C
VFP 600-840-6000	-10...60 °C
VFP 600-865-6000	-10...60 °C

# Product family datasheet

## Certificates & standards

Product description	Standards
VFP 600-827-6000	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/ROHS/CE/VDE
VFP 600-830-6000	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/ROHS/CE/VDE
VFP 600-840-6000	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/ROHS/CE/VDE
VFP 600-865-6000	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/ROHS/CE/VDE

## Logistical data

Product description	Temperature range at storage
VFP 600-827-6000	-20...65 °C
VFP 600-830-6000	-20...65 °C
VFP 600-840-6000	-20...65 °C
VFP 600-865-6000	-20...65 °C






## Application advice

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

## Sales and Technical Support

Sales and Technical Support [www.osram.com](http://www.osram.com)

## Download Data

File
 User instruction User Instruction VALUE Flex_Protect
 Addon Technical Information BinningSheet - VFP600 -G2
 Product Family Datasheet Product Datasheet VALUE Felx Protect 600
 Brochures 723873_Light is freedom of design (GB)
 Declarations of conformity EC-CERTIFICATION VALUE_FLEX (EN)

## Product family datasheet



IES data  
VFP600-G2-827-06 46W 24V.IES



IES data  
VFP600-G2-830-06 46W 24V.IES



IES data  
VFP600-G2-840-06 46W 24V.IES



IES data  
VFP600-G2-865-06 46W 24V.IES

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899316782	VFP 600-827-6000	Shipping carton box 20	270 mm x 260 mm x 285 mm	20.01 dm <sup>3</sup>	8338.00 g
4052899316829	VFP 600-830-6000	Shipping carton box 20	270 mm x 260 mm x 285 mm	20.01 dm <sup>3</sup>	8338.00 g
4052899316805	VFP 600-840-6000	Shipping carton box 20	270 mm x 260 mm x 285 mm	20.01 dm <sup>3</sup>	8338.00 g
4052899316843	VFP 600-865-6000	Shipping carton box 20	270 mm x 260 mm x 285 mm	20.01 dm <sup>3</sup>	8338.00 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.