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## VALUE Flex 900

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 (IP20)
- Available with light color: Warm White, Cool White
- Beam angle per module: 120°
- Dimmable



# Product family datasheet

## Technical data

### Electrical data

| Product description | Nominal voltage | Rated wattage | Reverse Voltage | Input voltage range |
|---------------------|-----------------|---------------|-----------------|---------------------|
| VF 900-827-5000     | 24.0 V          | 61.20 W       | 25 V            | 23...25 V           |
| VF 900-830-5000     | 24.0 V          | 61.20 W       | 25 V            | 23...25 V           |
| VF 900-840-5000     | 24.0 V          | 61.20 W       | 25 V            | 23...25 V           |
| VF 900-865-5000     | 24.0 V          | 61.20 W       | 25 V            | 23...25 V           |

### Photometrical data

| Product description | Color temperature | Light color (designation) | Luminous efficacy |
|---------------------|-------------------|---------------------------|-------------------|
| VF 900-827-5000     | 2700 K            | Warm White                | 78 lm/W           |
| VF 900-830-5000     | 3000 K            | Warm White                | 78 lm/W           |
| VF 900-840-5000     | 4000 K            | Cold White                | 90 lm/W           |
| VF 900-865-5000     | 6500 K            | Cool Daylight             | 90 lm/W           |

### Light technical data

| Product description | Beam angle |
|---------------------|------------|
| VF 900-827-5000     | 120 °      |
| VF 900-830-5000     | 120 °      |
| VF 900-840-5000     | 120 °      |
| VF 900-865-5000     | 120 °      |

### LED module information

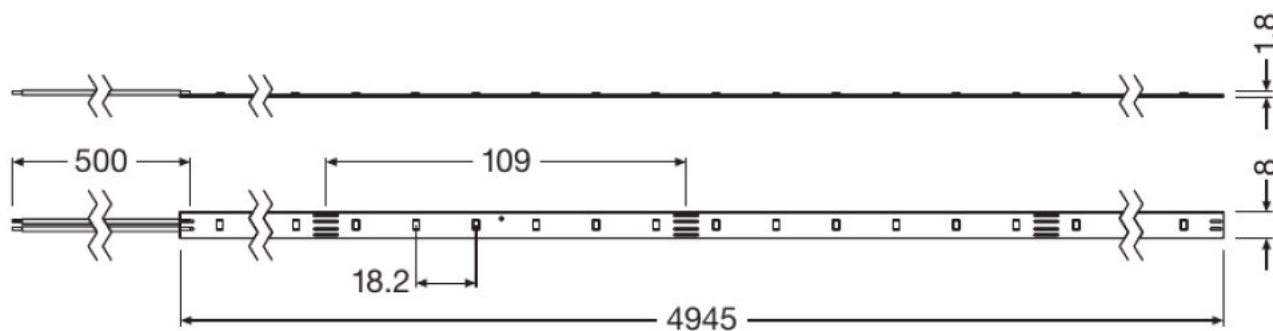
| Product description | Number of LEDs per module | Number of LEDs per meter |
|---------------------|---------------------------|--------------------------|
| VF 900-827-5000     | 270                       | 54                       |
| VF 900-830-5000     | 270                       | 54                       |
| VF 900-840-5000     | 270                       | 54                       |
| VF 900-865-5000     | 270                       | 54                       |

# Product family datasheet

## Dimensions & weight

| Product description | Length  | Width  | Height | Product weight |
|---------------------|---------|--------|--------|----------------|
| VF 900-827-5000     | 4945 mm | 8.0 mm | 1.8 mm | 90.00 g        |
| VF 900-830-5000     | 4945 mm | 8.0 mm | 1.8 mm | 90.00 g        |
| VF 900-840-5000     | 4945 mm | 8.0 mm | 1.8 mm | 90.00 g        |
| VF 900-865-5000     | 4945 mm | 8.0 mm | 1.8 mm | 90.00 g        |

## Product line drawing



VF 900-827-5000, VF 900-830-5000, VF 900-840-5000, VF 900-865-5000

## Temperatures & operating conditions

| Product description | Temperature range in operation [PIM] |
|---------------------|--------------------------------------|
| VF 900-827-5000     | -10...60 °C                          |
| VF 900-830-5000     | -10...60 °C                          |
| VF 900-840-5000     | -10...60 °C                          |
| VF 900-865-5000     | -10...60 °C                          |

# Product family datasheet

## Certificates & standards

| Product description | Standards   |
|---------------------|---|
| VF 900-827-5000     | 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/VDE/CE |
| VF 900-830-5000     | 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/VDE/CE |
| VF 900-840-5000     | 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/VDE/CE |
| VF 900-865-5000     | 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/VDE/CE |

## Logistical data

| Product description | Temperature range at storage |
|---------------------|------------------------------|
| VF 900-827-5000     | -20...65 °C                  |
| VF 900-830-5000     | -20...65 °C                  |
| VF 900-840-5000     | -20...65 °C                  |
| VF 900-865-5000     | -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<br>User Instruction VALUE Flex                |
|  Addon Technical Information<br>Binning Sheet - VF900G2         |
|  Product Family Datasheet<br>Product Datasheet VALUE Flex 900   |
|  Brochures<br>723873_Light is freedom of design (GB)            |
|  Declarations of conformity<br>EC-CERTIFICATION VALUE_FLEX (EN) |

## Product family datasheet



IES data  
VF900-G2-827-05 61.2W 24V.IES



IES data  
VF900-G2-830-05 61.2W 24V.IES



IES data  
VF900-G2-840-05 61.2W 24V.IES



IES data  
VF900-G2-865-05 61.2W 24V.IES

### Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume                | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|-----------------------|--------------|
| 4052899316379 | VF 900-827-5000     | Shipping carton box<br>20    | 255 mm x 200 mm x 240 mm             | 12.24 dm <sup>3</sup> | 2565.00 g    |
| 4052899316409 | VF 900-830-5000     | Shipping carton box<br>20    | 255 mm x 200 mm x 240 mm             | 12.24 dm <sup>3</sup> | 2565.00 g    |
| 4052899316423 | VF 900-840-5000     | Shipping carton box<br>20    | 255 mm x 200 mm x 240 mm             | 12.24 dm <sup>3</sup> | 2565.00 g    |
| 4052899316447 | VF 900-865-5000     | Shipping carton box<br>20    | 255 mm x 200 mm x 240 mm             | 12.24 dm <sup>3</sup> | 2565.00 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.