

## PRODUCT DATASHEET

### VFP600 -G3-865-05

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 FAMILY 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 FAMILY 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

## TECHNICAL DATA

### Electrical data

<b>Rated wattage</b>	23.00 W
<b>Nominal wattage</b>	23.00 W
<b>Nominal wattage per meter</b>	4.6 W
<b>Nominal voltage</b>	24 V
<b>Input voltage range</b>	23...25 V
<b>Reverse Voltage</b>	25 V
<b>Type of current</b>	DC

### Photometrical data

<b>Color temperature</b>	6500 K
<b>Standard deviation of color matching</b>	≤4 sdcM
<b>Color rendering index Ra</b>	80
<b>Light color (designation)</b>	White
<b>Light color LED</b>	White
<b>Luminous flux per meter</b>	655 lm
<b>Luminous flux</b>	3275 lm
<b>Luminous efficacy</b>	142 lm/W

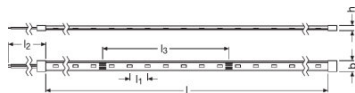
### Light technical data

<b>Beam angle</b>	120 °
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### LED module information

<b>Number of LEDs per meter</b>	70
<b>Number of LEDs per module</b>	350
<b>Number of LEDs per smallest unit</b>	7

Dimensions & weight



<b>LED pitch</b>	14.28 mm
<b>Length</b>	5000 mm
<b>Length – smallest unit</b>	100.0 mm
<b>Width</b>	11.0 mm
<b>Height</b>	5.00 mm
<b>Cable length</b>	500 mm
<b>Product weight</b>	380.00 g

Temperatures & operating conditions

<b>Ambient temperature range</b>	-25...+55 °C
<b>Temperature range in operation</b>	-25...80 °C <sup>1)</sup>
<b>Performance temp. acc. to IEC 62717</b>	40 °C

<sup>1)</sup> Exceeding the maximum ratings will reduce expected life time or destroy the LED strip.

Lifespan

<b>Lifespan</b>	35000 h
<b>Rated lamp life time</b>	35000 h
<b>Lifespan</b>	35000 h
<b>Number of switching cycles</b>	15000

Additional product data

<b>Product remark</b>	<p>Modules perfectly matched to OSRAM OPTOTRONIC® LED drivers (see relevant table)For current photometric data and important safety, installation and application information (see <a href="http://www.osram.com/led-systems">www.osram.com/led-systems</a>).All the technical parameters apply to the entire module.</p> <p>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</p>
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## Capabilities

Lowest bending radius	50 mm
Self-adhesive	Yes
Dimmable	Yes
With connection set	Yes
With end piece	Yes

## Certificates &amp; standards

Energy consumption	6 kWh/1000h
Energy efficiency class	A++
Type of protection	IP66
Standards	Acc. to IEC 62471Acc. to IEC 60598-1Acc. to EN 60529Acc. to EN 62031Acc. to EN 55015Acc. to EN 61547CE






## Logistical data

Temperature range at storage	-30...85 °C
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## EQUIPMENT / ACCESSORIES

- SLIMCONNECT system G2
- Optional Track system
- ELEMENT LED drivers
- OPTOTRONIC LED drivers

## DOWNLOAD DATA

File
 User instruction VALUE Flex (VF) VALUE Flex Protect (VFP)
 Certificates EAC Certificate
 Certificates Manufacturers Declaration for Value Flex Family
 Declarations of conformity EU Declaration of Conformity VF and VFP
 Eulumdat Eulumdat VFP600-G3-865-05

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899526365	Shipping carton box 10	315 mm x 290 mm x 293 mm	5628.00 g	26.77 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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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.

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**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.