

PRODUCT DATASHEET

VF600 -G3-830-05

VALUE Flex 600 | LED modules for semi-professional applications



AREAS OF APPLICATION

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

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
- Easy to cut and reconnect to the reliable SLIMCONNECT system

PRODUCT FAMILY FEATURES

- Available with light color: Warm White, Cool White
- Luminous flux: up to 690 lm/m
- High color consistency: 4 SDCM
- Self-cooling
- Beam angle per module: 120°
- Dimmable with suitable OPTOTRONIC control gears



– Type of protection: IP20

TECHNICAL DATA

Electrical data

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

Photometrical data

Color temperature	3000 K
Standard deviation of color matching	≤4 sdcM
Color rendering index Ra	>80
Light color (designation)	White
Light color LED	White
Luminous flux per meter	655 lm
Luminous flux	3275 lm
Luminous efficacy	142 lm/W

Light technical data

Beam angle	120 °
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LED module information

Number of LEDs per meter	70
Number of LEDs per module	350
Number of LEDs per smallest unit	7

Dimensions & weight



LED pitch	14.28 mm
Length	5000 mm
Length – smallest unit	100.0 mm
Width	8.0 mm
Height	1.50 mm
Cable length	500 mm
Product weight	90.00 g

Temperatures & operating conditions

Ambient temperature range	-25...+55 °C
Temperature range in operation	-25...75 °C ¹⁾
Performance temp. acc. to IEC 62717	40 °C

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

Lifespan

Rated lamp life time	35000 h
Lifespan	35000 h
Number of switching cycles	15000

Additional product data

Product remark	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
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Capabilities

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

Certificates & standards

Energy consumption	6 kWh/1000h
Energy efficiency class	A++
Type of protection	IP20
Standards	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







Logistical data

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

- SLIMCONNECT system FLEX IP54 connector
- Optional Track system
- ELEMENT LED drivers
- OPTOTRONIC LED drivers

DOWNLOAD DATA

File	
	User instruction VALUE Flex
	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 VF600-G3-830-05

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899526006	Shipping carton box 10	250 mm x 235 mm x 293 mm	2161.00 g	17.21 dm ³

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.

DISCLAIMER

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