

## PRODUCT DATASHEET

### LF200M -G3-BL-06

LINEARlight FLEX ECO | LED modules for professional and industrial applications



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#### AREAS OF APPLICATION

- Signage

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#### PRODUCT FAMILY BENEFITS

- Very long for seamless bands of light
- Large selection of light colors
- Great design freedom thanks to flexibility and cuttability of module
- Simple mounting and connection
- Toolless connection with the optional CONNECTsystem
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

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#### PRODUCT FAMILY FEATURES

- Flexible and cuttable LED strip
- Luminous flux: up to 240 lm/m
- Dimmable
- Fine White (3 SDCM)



**TECHNICAL DATA**

Electrical data

<b>Rated wattage</b>	24.50 W
<b>Nominal wattage</b>	24.50 W
<b>Nominal current</b>	1.02 A
<b>Reverse Voltage</b>	25 V
<b>Nominal wattage per meter</b>	4.1 W
<b>Nominal voltage</b>	24 V
<b>Type of current</b>	DC
<b>Input voltage range</b>	23...25 V

Photometrical data

<b>Light color (designation)</b>	Blue
<b>Color rendering index Ra</b>	>80
<b>Light color LED</b>	Blue
<b>Luminous efficacy</b>	12 lm/W
<b>Luminous flux per meter</b>	48 lm
<b>Luminous flux</b>	290 lm

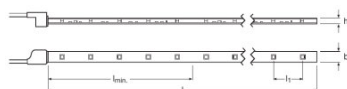
Light technical data

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

<b>Number of LEDs per meter</b>	33
<b>Number of LEDs per module</b>	200
<b>Number of LEDs per smallest unit</b>	5

Dimensions & weight



<b>LED pitch</b>	30.0 mm
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<b>Length – smallest unit</b>	150.0 mm
<b>Length</b>	6000 mm
<b>Width</b>	8.0 mm
<b>Height</b>	2.50 mm
<b>Product weight</b>	43.00 g

### Temperatures & operating conditions

<b>Performance temp. acc. to IEC 62717</b>	35 °C
<b>Ambient temperature range</b>	-20...+50 °C
<b>Temperature range in operation</b>	-20...75 °C <sup>1)</sup>
<b>Maximum temperature at tc test point</b>	75 °C

<sup>1)</sup> At the  $T_c$  point

### Lifespan

<b>Lifespan</b>	50000 h
<b>Lifespan</b>	50000 h <sup>1)</sup>

<sup>1)</sup> L70/B50 at  $T_c$  40 °C

### Additional product data

<b>Product remark</b>	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 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

<b>Lowest bending radius</b>	20 mm
<b>Self-adhesive</b>	Yes
<b>Dimmable</b>	Yes
<b>With connection set</b>	Yes
<b>With end piece</b>	No

### Certificates & standards

<b>Energy consumption</b>	27 kWh/1000h
<b>Type of protection</b>	IP00
<b>Standards</b>	CE/EAC/UL Recognized component according UL 8750





## EQUIPMENT / ACCESSORIES

– Simplified connection with optional matching CONNECTsystem

- Quick installation with optional SLIM TRACK System
- Perfectly matched to OPTOTRONIC 24 V electronic control gears

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## DOWNLOAD DATA

File	
	Certificates EAC Certificate
	Certificates UL Certificate
	Declarations of conformity Manufacturers Declaration LF200M G3
	Declarations of conformity Declaration of Conformity LF200M G3

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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899500099	Shipping carton box 8	241 mm x 195 mm x 205 mm	1277.00 g	9.63 dm <sup>3</sup>

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.