

PRODUCT DATASHEET

LFP200C -G3-RGB-06

LINEARlight Colormix Flex Protect | Flexible colored / color change LED modules



AREAS OF APPLICATION

- Facade accent lighting
- Effect lighting in architecture
- Edge coupling
- Path lighting
- Suitable for outdoor use

PRODUCT FAMILY BENEFITS

- Uniform color changing
- Great design freedom thanks to flexibility and cuttability of module
- High-performance silicone for extremely long life and flexibility
- Simple connection thanks to premounted connectors
- Extraordinary design and high quality materials
- Toolless connection with the optional CONNECTsystem
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

PRODUCT FAMILY FEATURES

- Flexible and cuttable LED strip with inline multichip RGB LEDs
- Type of protection: IP67
- Dimmable with PWM technology
- Salt mist proof



TECHNICAL DATA

Electrical data

Rated wattage	39.00 W
Nominal wattage	39.0 W
Nominal current	1.63 A
Reverse Voltage	25 V
Nominal wattage per meter	6.5 W
Nominal voltage	24 V
Type of current	DC
Input voltage range	23...25 V

Photometrical data

Light color (designation)	Red/Green/Blue
Light color LED	RGB
Luminous efficacy	32 lm/W
Luminous flux per meter	209 lm
Luminous flux	1254 lm

Light technical data

Beam angle	120 °
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LED module information

Number of LEDs per meter	33
Number of LEDs per module	200
Number of LEDs per smallest unit	5

Dimensions & weight



LED pitch	30.0 mm
Length – smallest unit	150.0 mm

Length	6000 mm
Width	11.0 mm
Height	4.80 mm
Cable length	500 mm
Product weight	390.00 g

Colors & materials

Cover material	Silicone
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Temperatures & operating conditions

Performance temp. acc. to IEC 62717	35 °C
Ambient temperature range	-20...+50 °C
Temperature range in operation	-20...70 °C ¹⁾
Maximum temperature at tc test point	70 °C

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

Lifespan

Rated lamp life time	50000 h
Lifespan	50000 h
Number of switching cycles	≥ 15000
Lifespan	50000 h

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	No

Certificates & standards

Type of protection	IP67
Energy consumption	43 kWh/1000h

Standards	CE/EAC/UL Recognized component according UL 8750
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Logistical data

Temperature range at storage	-40...85 °C
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EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

File	
	Certificates Manufacturers Declaration LFP200C
	Certificates UL Certificate
	Declarations of conformity Declaration of conformity LFP200C G3

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899501980	Shipping carton box 8	365 mm x 286 mm x 366 mm	7338.00 g	38.21 dm ³

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.