OSRAM

PRODUCT DATASHEET
LFP200M -G3-BL-06

LINEARlight FLEX Protect ECO | LED modules for professional and industrial applications

AREAS OF APPLICATION

– Decorative applications
– Wall integration
– Backlighting of complex structures
– Path lighting
– Signage
– Suitable for outdoor use

PRODUCT FAMILY BENEFITS

– Large selection of light colors
– 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
– Luminous flux: up to 200 lm/m
– Type of protection: IP67
– Dimmable with PWM technology
– Fine White (3.5 SDCM)

– Salt mist proof

TECHNICAL DATA

Electrical data

Rated wattage	24.50 W
Nominal wattage	24.5 W
Nominal current	1.02 A
Reverse Voltage	25 V
Nominal wattage per meter	4.1 W
Nominal voltage	24 V
Type of current	DC
Input voltage range	23...25 V

Photometrical data

Light color (designation)	Blue
Light color LED	Blue
Luminous efficacy	12 lm/W
Luminous flux per meter	48 lm
Luminous flux	290 lm

Light technical data

Beam angle	120 °

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

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] At the T_c point

Lifespan

Lifespan	50000 h
Lifespan	50000 h [1]

[1] L70/B50 at T_c 40 °C

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

Capabilities

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

Certificates & standards

Energy consumption	27 kWh/1000h
Type of protection	IP67
Standards	CE/EAC/UL Recognized component according UL 8750

Logistical data

Temperature range at storage	-40...85 °C

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 UL Certificate
📄	Declarations of conformity Manufacturers Decalration LFP200M G3
📄	Declarations of conformity Declaration of Conformity LFP200M G3

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899500532	Shipping carton box 8	365 mm x 286 mm x 366 mm	7338.00 g	38.21 dm³

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.