PRODUCT DATASHEET
LF200M -G3-RE-06

LINEARlight FLEX ECO | LED modules for professional and industrial applications

AREAS OF APPLICATION

– Signage

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

Rated wattage	36.00 W
Nominal wattage	36.00 W
Nominal current	1.5 A
Reverse Voltage	25 V
Nominal wattage per meter	6.0 W
Nominal voltage	24 V
Type of current	DC
Input voltage range	23…25 V

Photometrical data

Light color (designation)	Red
Color rendering index Ra	>80
Light color LED	Red
Luminous efficacy	23 lm/W
Luminous flux per meter	140 lm
Luminous flux	840 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	8.0 mm
Height	2.50 mm
Product weight	43.00 g

Temperatures & operating conditions

Performance temp. acc. to IEC 62717	35 °C
Ambient temperature range	-20...+50 °C
Temperature range in operation	-20...75 °C [1]
Maximum temperature at tc test point	75 °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 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	20 mm
Self-adhesive	Yes
Dimmable	Yes
With connection set	Yes
With end piece	No

Certificates & standards

Energy consumption	40 kWh/1000h
Type of protection	IP00
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 EAC Certificate
📕	Certificates UL Certificate
📕	Declarations of conformity Manufacturers Declaration LF200M G3
📕	Declarations of conformity Declaration of Conformity LF200M G3

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899500372	Shipping carton box 8	241 mm x 195 mm x 205 mm	1277.00 g	9.63 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.