

LINEARlight FLEX POWER Meat White

LED modules for professional and industrial applications



Areas of application

- Fresh food counters
- Special purpose LED strip for fresh food counters lighting
- Suitable for red meat
- Not suitable for general lighting

Product benefits

- Makes fresh foods more attractive
- Simple mounting and connection
- Toolless connection with the optional CONNECTsystem
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Product features

- Flexible and cuttable LED strip
- Special white light optimized for red meats
- Fine White (3 SDCM)
- Available luminous flux: 1,200 lm/m and 2,000 lm/m



Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Rated wattage	Reverse Voltage	Input voltage range
LF1200 -G3-MW-04 ¹⁾	24.0 V	67.50 W	25 V	23...25 V
LF1200 -G3-MWR-04 ¹⁾	24.0 V	98.10 W	25 V	23...25 V
LF2000 -G3-MW-03 ¹⁾	24.0 V	79.50 W	25 V	23...25 V
LF2000 -G3-MWR-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V

¹⁾ 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

Photometrical data

Product description	Color temperature	Light color (designation)	Light color LED	Luminous efficacy	Color rendering index Ra
LF1200 -G3-MW-04 ¹⁾	5200 K	Daylight	White	80 lm/W	>80
LF1200 -G3-MWR-04 ¹⁾	5300 K	Daylight	White	50.4 lm/W	>80
LF2000 -G3-MW-03 ¹⁾	5200 K	Cool White	White	75.5 lm/W	>80
LF2000 -G3-MWR-03 ¹⁾	5300 K	Cool White	White	39.6 lm/W	>80

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Light technical data

Product description	Beam angle
LF1200 -G3-MW-04 ¹⁾	120 °
LF1200 -G3-MWR-04 ¹⁾	120 °
LF2000 -G3-MW-03 ¹⁾	120 °
LF2000 -G3-MWR-03 ¹⁾	120 °

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Product family datasheet

LED module information

Product description	Number of LEDs per module	Number of LEDs per meter
LF1200 -G3-MW-04 ¹⁾	315	70
LF1200 -G3-MWR-04 ¹⁾	315	70
LF2000 -G3-MW-03 ¹⁾	210	70
LF2000 -G3-MWR-03 ¹⁾	210	70

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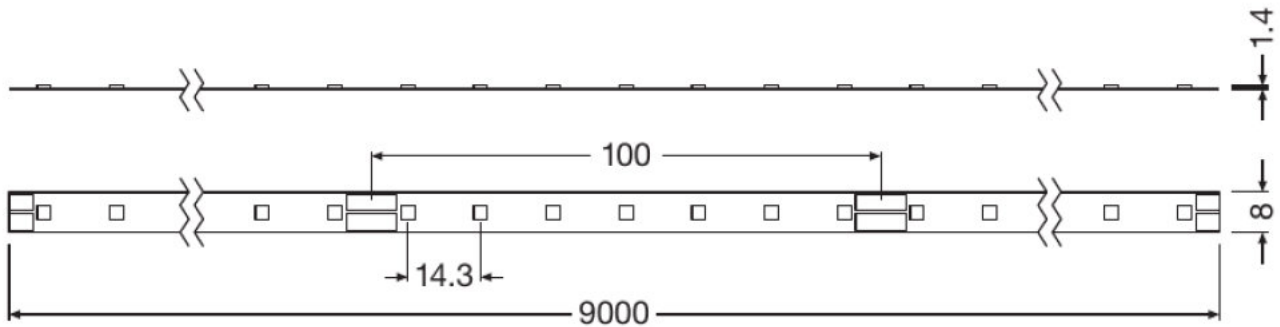
Dimensions & weight

Product description	Length	Width	Height	Product weight	Length – smallest unit
LF1200 -G3-MW-04 ¹⁾	4500 mm	8.0 mm	1.4 mm	58.00 g	100.0 mm
LF1200 -G3-MWR-04 ¹⁾	4500 mm	8.0 mm	1.4 mm	58.00 g	100.0 mm
LF2000 -G3-MW-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF2000 -G3-MWR-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm

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Product family datasheet

Product line drawing



LF1200 -G3-MW-04, LF1200 -G3-MWR-04, LF2000 -G3-MW-03, LF2000 -G3-MWR-03

Temperatures & operating conditions

Product description	Temperature range in operation
LF1200 -G3-MW-04 ¹⁾	-20...75 °C
LF1200 -G3-MWR-04 ¹⁾	-20...75 °C
LF2000 -G3-MW-03 ¹⁾	-20...75 °C
LF2000 -G3-MWR-03 ¹⁾	-20...75 °C

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Capabilities

Product description	Dimmable
LF1200 -G3-MW-04 ¹⁾	Yes
LF1200 -G3-MWR-04 ¹⁾	Yes
LF2000 -G3-MW-03 ¹⁾	Yes
LF2000 -G3-MWR-03 ¹⁾	Yes

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Product family datasheet

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Certificates & standards

Product description	Standards
LF1200 -G3-MW-04 ¹⁾	CE/UL/ENEC/EAC/VDE/Acc. to ENEC 10
LF1200 -G3-MWR-04 ¹⁾	CE/UL/ENEC/EAC/VDE/Acc. to ENEC 10
LF2000 -G3-MW-03 ¹⁾	CE/UL/ENEC/EAC/VDE/Acc. to ENEC 10
LF2000 -G3-MWR-03 ¹⁾	CE/UL/ENEC/EAC/VDE/Acc. to ENEC 10

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Logistical data

Product description	Temperature range at storage
LF1200 -G3-MW-04 ¹⁾	-40...80 °C
LF1200 -G3-MWR-04 ¹⁾	-40...80 °C
LF2000 -G3-MW-03 ¹⁾	-40...80 °C
LF2000 -G3-MWR-03 ¹⁾	-40...80 °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

Application advice

For more detailed application information and graphics please see product datasheet.








Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File

Product family datasheet

	Brochures Light is freedom of design (EN)
	Certificates EAC Certificate
	Certificates UL Certificate
	Certificates ENEC10_VDE Certificate
	Certificates VDE_ENEC+ Certificate
	Declarations of conformity EU Declaration of conformity
	Declarations of conformity Manufacturer declaration

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899492103	LF1200 -G3-MW-04	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2562.00 g
4052899492165	LF1200 -G3-MWR-04	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2562.00 g
4052899492028	LF2000 -G3-MW-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2410.00 g
4052899492080	LF2000 -G3-MWR-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2410.00 g

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.

References / Links

System configurator tool is available online at <https://flex.osram.info/en/flex-configurator>

Disclaimer

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