

LINEARlight FLEX POWER 4000

LED modules for professional and industrial applications



Areas of application

- Cove lighting
- Ceiling integration

Product benefits

- Single bin technology for very good color consistency over time and space
- Large selection of light colors
- Large selection of white tones
- High luminous flux suitable for general lighting
- "Shop White" versions available for great color rendering without yellowing effect
- Great design freedom thanks to flexibility and cuttability of module
- Extraordinary design and high quality materials
- 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
- Luminous flux: up to 4,000 lm/m
- Module efficacy: up to 133 lm/W
- Dimmable by pulse width modulation (PWM)



Product family datasheet

- Fine White (3 SDCM)
- High CRI versions: typical average value 95

Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Rated wattage	Reverse Voltage	Input voltage range
LF4000 -G3-827-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF4000 -G3-830-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF4000 -G3-840-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF4000 -G3-850-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF4000 -G3-865-03 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
LF4000 -G3-827-03 ¹⁾	2700 K	Warm White	White	133 lm/W	>80
LF4000 -G3-830-03 ¹⁾	3000 K	White	White	133 lm/W	>80
LF4000 -G3-840-03 ¹⁾	4000 K	Cool White	White	133 lm/W	>80
LF4000 -G3-850-03 ¹⁾	5000 K	Daylight	White	133 lm/W	>80
LF4000 -G3-865-03 ¹⁾	6500 K	Cool Daylight	White	133 lm/W	>80

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Light technical data

Product description	Beam angle
LF4000 -G3-827-03 ¹⁾	120 °
LF4000 -G3-830-03 ¹⁾	120 °
LF4000 -G3-840-03 ¹⁾	120 °
LF4000 -G3-850-03 ¹⁾	120 °
LF4000 -G3-865-03 ¹⁾	120 °

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Product family datasheet

LED module information

Product description	Number of LEDs per module	Number of LEDs per meter
LF4000 -G3-827-03 ¹⁾	210	70
LF4000 -G3-830-03 ¹⁾	210	70
LF4000 -G3-840-03 ¹⁾	210	70
LF4000 -G3-850-03 ¹⁾	210	70
LF4000 -G3-865-03 ¹⁾	210	70

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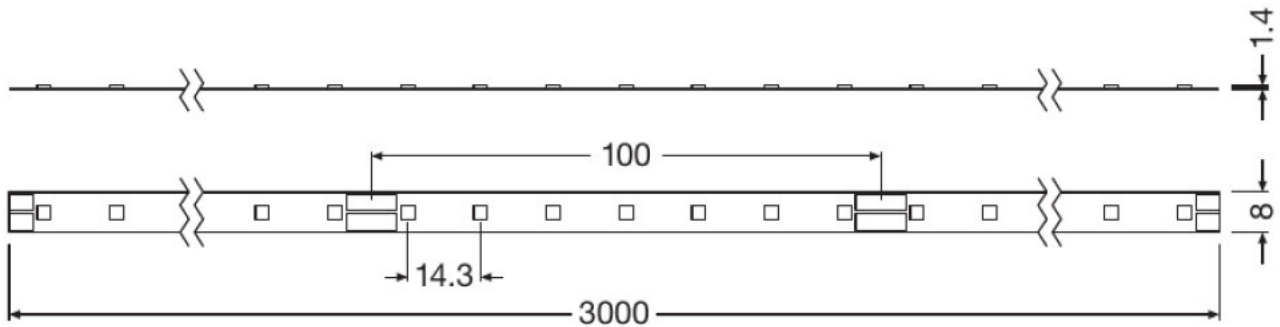
Dimensions & weight

Product description	Length	Width	Height	Product weight	Length – smallest unit
LF4000 -G3-827-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF4000 -G3-830-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF4000 -G3-840-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF4000 -G3-850-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF4000 -G3-865-03 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



LF4000 -G3-827-03, LF4000 -G3-830-03, LF4000 -G3-840-03, LF4000 -G3-850-03, LF4000 -G3-865-03

Temperatures & operating conditions

Product description	Temperature range in operation
LF4000 -G3-827-03 ¹⁾	-20...75 °C
LF4000 -G3-830-03 ¹⁾	-20...75 °C
LF4000 -G3-840-03 ¹⁾	-20...75 °C
LF4000 -G3-850-03 ¹⁾	-20...75 °C
LF4000 -G3-865-03 ¹⁾	-20...75 °C

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Certificates & standards

Product description	Standards
LF4000 -G3-827-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF4000 -G3-830-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF4000 -G3-840-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF4000 -G3-850-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF4000 -G3-865-03 ¹⁾	EAC/VDE/Acc. to ENEC 10

Product family datasheet

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Logistical data

Product description	Temperature range at storage
LF4000 -G3-827-03 ¹⁾	-40...80 °C
LF4000 -G3-830-03 ¹⁾	-40...80 °C
LF4000 -G3-840-03 ¹⁾	-40...80 °C
LF4000 -G3-850-03 ¹⁾	-40...80 °C
LF4000 -G3-865-03 ¹⁾	-40...80 °C

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Equipment / Accessories

- Simplified connection with the optional 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
 Brochures Light is freedom of design (EN)
 Certificates EAC Certificate
 Certificates UL Certificate
 Certificates ENEC10_VDE Certificate

Product family datasheet

	Certificates VDE_ENEC+ Certificate
	Declarations of conformity EU Declaration of conformity
	Declarations of conformity Manufacturer declaration
	Eulumdat 727217_LF4000-G3-827-03_LDT
	IES data 727216_LF4000-G3-827-03_IES
	Eulumdat 727219_LF4000-G3-830-03_LDT
	IES data 727218_LF4000-G3-830-03_IES
	Eulumdat 727221_LF4000-G3-840-03_LDT
	IES data 727220_LF4000-G3-840-03_IES
	Eulumdat 727223_LF4000-G3-850-03_LDT
	IES data 727222_LF4000-G3-850-03_IES
	Eulumdat 727225_LF4000-G3-865-03_LDT
	IES data 727224_LF4000-G3-865-03_IES

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899952867	LF4000 -G3-827-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1485.00 g
4052899952874	LF4000 -G3-830-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952881	LF4000 -G3-840-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952898	LF4000 -G3-850-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952904	LF4000 -G3-865-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 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.

Product family datasheet

Accessories Optional

Product description	Accessory name	Accessory code
LF4000 -G3-827-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF4000 -G3-827-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF4000 -G3-827-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF4000 -G3-830-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF4000 -G3-830-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF4000 -G3-830-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF4000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF4000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF4000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF4000 -G3-850-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF4000 -G3-850-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF4000 -G3-850-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF4000 -G3-865-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF4000 -G3-865-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF4000 -G3-865-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872

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.