

LINEARlight FLEX POWER 3000

LED modules for professional and industrial applications



Areas of application

- Architecture lighting
- Cove lighting
- Ceiling integration

Product benefits

- 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
- High luminous flux
- Extraordinary design and high quality materials
- Type of protection: IP00

Product features

- Flexible and cuttable LED strip
- Luminous flux: up to 3,000 lm/m
- Module efficacy: up to 138 lm/W
- Dimmable (with many common dimmers)
- Fine White (3 SDCM)



Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Rated wattage	Reverse Voltage	Input voltage range
LF3000 -G3-820-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF3000 -G3-824-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF3000 -G3-827-03 ¹⁾	24.0 V	71.10 W	25 V	23...25 V
LF3000 -G3-830-03 ¹⁾	24.0 V	71.10 W	25 V	23...25 V
LF3000 -G3-840-03 ¹⁾	24.0 V	65.40 W	25 V	23...25 V
LF3000 -G3-850-03 ¹⁾	24.0 V	65.40 W	25 V	23...25 V
LF3000 -G3-865-03 ¹⁾	24.0 V	65.40 W	25 V	23...25 V
LF3000 -G3-927-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF3000 -G3-930-03 ¹⁾	24.0 V	86.70 W	25 V	23...25 V
LF3000 -G3-840-03 ¹⁾	24.0 V	79.60 W	25 V	23...25 V
LF3000 -G3-SW30-03 ¹⁾	24.0 V	82.80 W	25 V	23...25 V
LF3000 -G3-SW40-03 ¹⁾	24.0 V	82.80 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
LF3000 -G3-820-03 ¹⁾	2000 K	Warm Comfort Light	White	87 lm/W	>80
LF3000 -G3-824-03 ¹⁾	2400 K	Warm Comfort Light	White	104 lm/W	>80
LF3000 -G3-827-03 ¹⁾	2700 K	Warm White	White	127 lm/W	>80
LF3000 -G3-830-03 ¹⁾	3000 K	White	White	127 lm/W	>80
LF3000 -G3-840-03 ¹⁾	4000 K	Cool White	White	138 lm/W	>80
LF3000 -G3-850-03 ¹⁾	5000 K	Daylight	White	138 lm/W	>80
LF3000 -G3-865-03 ¹⁾	6500 K	Cool Daylight	White	138 lm/W	>80
LF3000 -G3-927-03 ¹⁾	2700 K	Warm White	White	93 lm/W	>90
LF3000 -G3-930-03 ¹⁾	3000 K	White	White	104 lm/W	>90
LF3000 -G3-840-03 ¹⁾	4000 K	Cool White	White	113 lm/W	>90
LF3000 -G3-SW30-03 ¹⁾	3000 K	Warm White	White	113 lm/W	>80
LF3000 -G3-SW40-03 ¹⁾	4000 K	White	White	113 lm/W	>80

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Product family datasheet

Light technical data

Product description	Beam angle
LF3000 -G3-820-03 ¹⁾	120 °
LF3000 -G3-824-03 ¹⁾	120 °
LF3000 -G3-827-03 ¹⁾	120 °
LF3000 -G3-830-03 ¹⁾	120 °
LF3000 -G3-840-03 ¹⁾	120 °
LF3000 -G3-850-03 ¹⁾	120 °
LF3000 -G3-865-03 ¹⁾	120 °
LF3000 -G3-927-03 ¹⁾	120 °
LF3000 -G3-930-03 ¹⁾	120 °
LF3000 -G3-840-03 ¹⁾	120 °
LF3000 -G3-SW30-03 ¹⁾	120 °
LF3000 -G3-SW40-03 ¹⁾	120 °

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LED module information

Product description	Number of LEDs per module	Number of LEDs per meter
LF3000 -G3-820-03 ¹⁾	210	70
LF3000 -G3-824-03 ¹⁾	210	70
LF3000 -G3-827-03 ¹⁾	210	70
LF3000 -G3-830-03 ¹⁾	210	70
LF3000 -G3-840-03 ¹⁾	210	70
LF3000 -G3-850-03 ¹⁾	210	70
LF3000 -G3-865-03 ¹⁾	210	70
LF3000 -G3-927-03 ¹⁾	210	70
LF3000 -G3-930-03 ¹⁾	210	70
LF3000 -G3-840-03 ¹⁾	210	70
LF3000 -G3-SW30-03 ¹⁾		70
LF3000 -G3-SW40-03 ¹⁾		70

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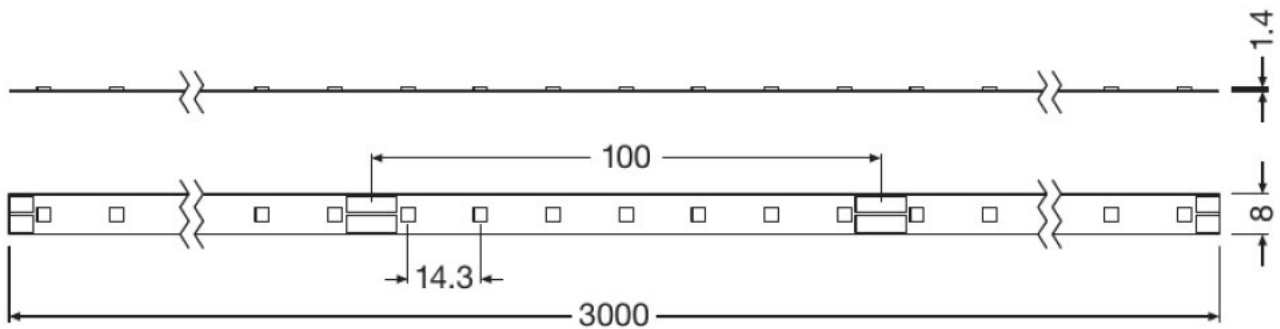
Product family datasheet

Dimensions & weight

Product description	Length	Width	Height	Product weight	Length – smallest unit
LF3000 -G3-820-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-824-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-827-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-830-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-840-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-850-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-865-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-927-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-930-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-840-03 ¹⁾	3000 mm	8.0 mm	1.4 mm	39.00 g	100.0 mm
LF3000 -G3-SW30-03 ¹⁾	3000 mm	8.0 mm		39.00 g	100.0 mm
LF3000 -G3-SW40-03 ¹⁾	3000 mm	8.0 mm		39.00 g	100.0 mm

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

Product line drawing



LF3000 -G3-820-03, LF3000 -G3-824-03, LF3000 -G3-827-03, LF3000 -G3-830-03, LF3000 -G3-840-03, LF3000 -G3-850-03, LF3000 -G3-865-03, LF3000 -G3-927-03, LF3000 -G3-930-03, LF3000 -G3-840-03, LF3000 -G3-SW30-03, LF3000 -G3-SW40-03

Temperatures & operating conditions

Product description	Temperature range in operation
LF3000 -G3-820-03 ¹⁾	-20...75 °C
LF3000 -G3-824-03 ¹⁾	-20...75 °C
LF3000 -G3-827-03 ¹⁾	-20...75 °C
LF3000 -G3-830-03 ¹⁾	-20...75 °C
LF3000 -G3-840-03 ¹⁾	-20...75 °C
LF3000 -G3-850-03 ¹⁾	-20...75 °C
LF3000 -G3-865-03 ¹⁾	-20...75 °C
LF3000 -G3-927-03 ¹⁾	-20...75 °C
LF3000 -G3-930-03 ¹⁾	-20...75 °C
LF3000 -G3-840-03 ¹⁾	-20...75 °C
LF3000 -G3-SW30-03 ¹⁾	-20...75 °C
LF3000 -G3-SW40-03 ¹⁾	-20...75 °C

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Certificates & standards

Product description	Standards
LF3000 -G3-820-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-824-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-827-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-830-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-840-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-850-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-865-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-927-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-930-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-840-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-SW30-03 ¹⁾	EAC/VDE/Acc. to ENEC 10
LF3000 -G3-SW40-03 ¹⁾	EAC/VDE/Acc. to ENEC 10

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

Product family datasheet

Logistical data

Product description	Temperature range at storage
LF3000 -G3-820-03 ¹⁾	-40...80 °C
LF3000 -G3-824-03 ¹⁾	-40...80 °C
LF3000 -G3-827-03 ¹⁾	-40...80 °C
LF3000 -G3-830-03 ¹⁾	-40...80 °C
LF3000 -G3-840-03 ¹⁾	-40...80 °C
LF3000 -G3-850-03 ¹⁾	-40...80 °C
LF3000 -G3-865-03 ¹⁾	-40...80 °C
LF3000 -G3-927-03 ¹⁾	-40...80 °C
LF3000 -G3-930-03 ¹⁾	-40...80 °C
LF3000 -G3-840-03 ¹⁾	-40...80 °C
LF3000 -G3-SW30-03 ¹⁾	-40...80 °C
LF3000 -G3-SW40-03 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
 Brochures Light is freedom of design (EN)
 Certificates EAC Certificate
 Certificates UL Certificate

Product family datasheet

	Certificates ENEC10_VDE Certificate
	Certificates VDE_ENEC+ Certificate
	Declarations of conformity EU Declaration of conformity
	Declarations of conformity Manufacturer declaration
	Eulumdat 727191_LF3000-G3-820-03_LDT
	IES data 727190_LF3000-G3-820-03_IES
	Eulumdat 727193_LF3000-G3-824-03_LDT
	IES data 727192_LF3000-G3-824-03_IES
	Eulumdat 727195_LF3000-G3-827-03_LDT
	IES data 727194_LF3000-G3-827-03_IES
	Eulumdat 727197_LF3000-G3-830-03_LDT
	IES data 727196_LF3000-G3-830-03_IES
	Eulumdat 727199_LF3000-G3-840-03_LDT
	IES data 727198_LF3000-G3-840-03_IES
	Eulumdat 727201_LF3000-G3-850-03_LDT
	IES data 727200_LF3000-G3-850-03_IES
	Eulumdat 727203_LF3000-G3-865-03_LDT
	IES data 727202_LF3000-G3-865-03_IES
	Eulumdat 727205_LF3000-G3-927-03_LDT
	IES data 727204_LF3000-G3-927-03_IES
	Eulumdat 727207_LF3000-G3-930-03_LDT
	IES data 727206_LF3000-G3-930-03_IES
	Eulumdat 727209_LF3000-G3-940-03_LDT

Product family datasheet

	IES data 727208_LF3000-G3-940-03_IES
	Eulumdat 727211_LF3000-G3-SW30-03_LDT
	IES data 727210_LF3000-G3-SW30-03_IES
	Eulumdat 727213_LF3000-G3-SW40-03_LDT
	IES data 727212_LF3000-G3-SW40-03_IES

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899952911	LF3000 -G3-820-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952928	LF3000 -G3-824-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952935	LF3000 -G3-827-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952942	LF3000 -G3-830-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952959	LF3000 -G3-840-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952966	LF3000 -G3-850-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899952973	LF3000 -G3-865-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899963948	LF3000 -G3-927-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899963955	LF3000 -G3-930-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899963962	LF3000 -G3-840-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899963979	LF3000 -G3-SW30-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1245.00 g
4052899963986	LF3000 -G3-SW40-03	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.

Accessories Optional

Product family datasheet

Product description	Accessory name	Accessory code
LF3000 -G3-820-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-820-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-820-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-824-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-824-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-824-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-827-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-827-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-827-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-830-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-830-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-830-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-850-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-850-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-850-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-865-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-865-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-865-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-927-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-927-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-927-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-930-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-930-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-930-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872
LF3000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT2PF-0500	▶ 4052899464759
LF3000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT2PF-1000	▶ 4052899464780
LF3000 -G3-840-03	LINEARlight FLEX, -SC08-G2-CT4PJ	▶ 4052899464872

References / Links

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

Disclaimer

Product family datasheet

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