

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

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 | 24.0 V | 86.70 W | 25 V | 23...25 V |
| LF3000 -G3-824-03 | 24.0 V | 86.70 W | 25 V | 23...25 V |
| LF3000 -G3-827-03 | 24.0 V | 71.10 W | 25 V | 23...25 V |
| LF3000 -G3-830-03 | 24.0 V | 71.10 W | 25 V | 23...25 V |
| LF3000 -G3-840-03 | 24.0 V | 65.40 W | 25 V | 23...25 V |
| LF3000 -G3-850-03 | 24.0 V | 65.40 W | 25 V | 23...25 V |
| LF3000 -G3-865-03 | 24.0 V | 65.40 W | 25 V | 23...25 V |
| LF3000 -G3-927-03 | 24.0 V | 86.70 W | 25 V | 23...25 V |
| LF3000 -G3-930-03 | 24.0 V | 86.70 W | 25 V | 23...25 V |
| LF3000 -G3-840-03 | 24.0 V | 79.60 W | 25 V | 23...25 V |
| LF3000 -G3-SW30-02 | 24.0 V | 82.80 W | | 23...25 V |
| LF3000 -G3-SW40-02 | 24.0 V | 82.80 W | | 23...25 V |

Photometrical data

| Product description | Light color (designation) | Light color LED | Luminous efficacy |
|---------------------|---------------------------|-----------------|-------------------|
| LF3000 -G3-820-03 | Warm Comfort Light | White | 87 lm/W |
| LF3000 -G3-824-03 | Warm Comfort Light | White | 104 lm/W |
| LF3000 -G3-827-03 | Warm White | White | 127 lm/W |
| LF3000 -G3-830-03 | White | White | 127 lm/W |
| LF3000 -G3-840-03 | Cool White | White | 138 lm/W |
| LF3000 -G3-850-03 | Daylight | White | 138 lm/W |
| LF3000 -G3-865-03 | Cool Daylight | White | 138 lm/W |
| LF3000 -G3-927-03 | Warm White | White | 93 lm/W |
| LF3000 -G3-930-03 | White | White | 104 lm/W |
| LF3000 -G3-840-03 | Cool White | White | 113 lm/W |
| LF3000 -G3-SW30-02 | Warm White | White | |
| LF3000 -G3-SW40-02 | White | White | |

Product family datasheet

Light technical data

| Product description | Beam angle |
|---------------------|------------|
| LF3000 -G3-820-03 | 120 ° |
| LF3000 -G3-824-03 | 120 ° |
| LF3000 -G3-827-03 | 120 ° |
| LF3000 -G3-830-03 | 120 ° |
| LF3000 -G3-840-03 | 120 ° |
| LF3000 -G3-850-03 | 120 ° |
| LF3000 -G3-865-03 | 120 ° |
| LF3000 -G3-927-03 | 120 ° |
| LF3000 -G3-930-03 | 120 ° |
| LF3000 -G3-840-03 | 120 ° |
| LF3000 -G3-SW30-02 | 120 ° |
| LF3000 -G3-SW40-02 | 120 ° |

LED module information

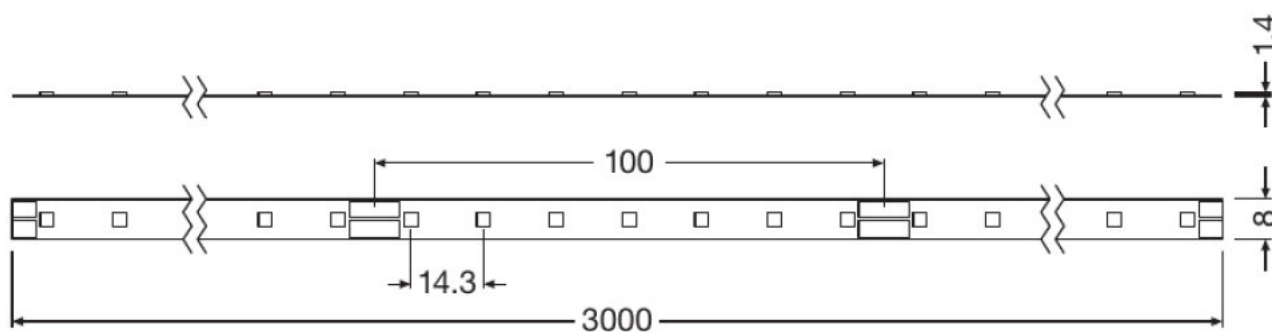
| Product description | Number of LEDs per module | Number of LEDs per meter |
|---------------------|---------------------------|--------------------------|
| LF3000 -G3-820-03 | 210 | 70 |
| LF3000 -G3-824-03 | 210 | 70 |
| LF3000 -G3-827-03 | 210 | 70 |
| LF3000 -G3-830-03 | 210 | 70 |
| LF3000 -G3-840-03 | 210 | 70 |
| LF3000 -G3-850-03 | 210 | 70 |
| LF3000 -G3-865-03 | 210 | 70 |
| LF3000 -G3-927-03 | 210 | 70 |
| LF3000 -G3-930-03 | 210 | 70 |
| LF3000 -G3-840-03 | 210 | 70 |
| LF3000 -G3-SW30-02 | | 70 |
| LF3000 -G3-SW40-02 | | 70 |

Product family datasheet

Dimensions & weight

| Product description | Length | Width | Height | Product weight |
|---------------------|---------|--------|--------|----------------|
| LF3000 -G3-820-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-824-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-827-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-830-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-840-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-850-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-865-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-927-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-930-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-840-03 | 3000 mm | 8.0 mm | 1.4 mm | 39.00 g |
| LF3000 -G3-SW30-02 | 3000 mm | 8.0 mm | | 39.00 g |
| LF3000 -G3-SW40-02 | 3000 mm | 8.0 mm | | 39.00 g |

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-SW30-02, LF3000 -G3-SW40-02

Product family datasheet

Temperatures & operating conditions

| Product description | Temperature range in operation |
|---------------------|--------------------------------|
| LF3000 -G3-820-03 | -20...75 °C |
| LF3000 -G3-824-03 | -20...75 °C |
| LF3000 -G3-827-03 | -20...75 °C |
| LF3000 -G3-830-03 | -20...75 °C |
| LF3000 -G3-840-03 | -20...75 °C |
| LF3000 -G3-850-03 | -20...75 °C |
| LF3000 -G3-865-03 | -20...75 °C |
| LF3000 -G3-927-03 | -20...75 °C |
| LF3000 -G3-930-03 | -20...75 °C |
| LF3000 -G3-840-03 | -20...75 °C |
| LF3000 -G3-SW30-02 | |
| LF3000 -G3-SW40-02 | |

Certificates & standards

| Product description | Standards |
|---------------------|-------------------------|
| LF3000 -G3-820-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-824-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-827-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-830-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-840-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-850-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-865-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-927-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-930-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-840-03 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-SW30-02 | EAC/VDE/Acc. to ENEC 10 |
| LF3000 -G3-SW40-02 | EAC/VDE/Acc. to ENEC 10 |

Product family datasheet

Logistical data

| Product description | Temperature range at storage |
|---------------------|------------------------------|
| LF3000 -G3-820-03 | -40...80 °C |
| LF3000 -G3-824-03 | -40...80 °C |
| LF3000 -G3-827-03 | -40...80 °C |
| LF3000 -G3-830-03 | -40...80 °C |
| LF3000 -G3-840-03 | -40...80 °C |
| LF3000 -G3-850-03 | -40...80 °C |
| LF3000 -G3-865-03 | -40...80 °C |
| LF3000 -G3-927-03 | -40...80 °C |
| LF3000 -G3-930-03 | -40...80 °C |
| LF3000 -G3-840-03 | -40...80 °C |
| LF3000 -G3-SW30-02 | |
| LF3000 -G3-SW40-02 | |

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 |
|---|
|  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 |

Product family datasheet

| | |
|---|--|
|  | 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 |
|  | 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 family datasheet

| 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-SW30-02 | Shipping carton box 8 | 241 mm x 195 mm x 205 mm | 9.63 dm ³ | 1245.00 g |
| 4052899963986 | LF3000 -G3-SW40-02 | 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 description | Accessory name | Accessory code |
|---------------------|--|-----------------|
| LF3000 -G3-820-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-820-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-824-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-824-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-827-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-827-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-830-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-830-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-840-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-840-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| | | ▶ 4008321875594 |

Product family datasheet

| | | |
|-------------------|--|-----------------|
| LF3000 -G3-850-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | |
| LF3000 -G3-850-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-865-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-865-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-927-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-927-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-930-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-930-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |
| LF3000 -G3-840-03 | LINEARlight Colormix Flex, -WIRE-30 FLEX SC | ▶ 4008321875594 |
| LF3000 -G3-840-03 | LINEARlight Colormix Flex, -WIRE-150 FLEX SC | ▶ 4008321875570 |

Disclaimer

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