

BASIC Flex G3

LED modules for semi-professional applications



Areas of application

- Hospitality
- Cabinet lighting
- Signage
- Architecture lighting
- Wall integration

Product family benefits

- Consistent white light: 3 SDCM
- Color rendering index R_a : 80
- IP66 protection, IP54 when cut and reconnected to OSRAM CONNECT systems
- Available with protection class IP20 or IP66
- Dimmable (with suitable DALI dimming methods)
- Lifetime: up to 20,000 h (temperature at max. t_c)

Product family features

- Energy saving low-power flexible LED strip
- Easy installation with track system
- Multi-cutable LED strip with CONNECT system
- Available in warm white and neutral white



Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Type of current	Rated wattage	Input voltage range	Accidental reverse input voltage protection up to
BF400-G3 -827-05	24.0 V	DC	22.80 W	23...25 V	24 V
BF400-G3 -830-05	24.0 V	DC	22.80 W	23...25 V	24 V
BF400-G3 -840-05	24.0 V	DC	22.80 W	23...25 V	24 V
BF800-G3 -827-05	24.0 V	DC	44.40 W	23...25 V	24 V
BF800-G3 -830-05	24.0 V	DC	44.40 W	23...25 V	24 V
BF800-G3 -840-05	24.0 V	DC	44.40 W	23...25 V	24 V

Photometrical data

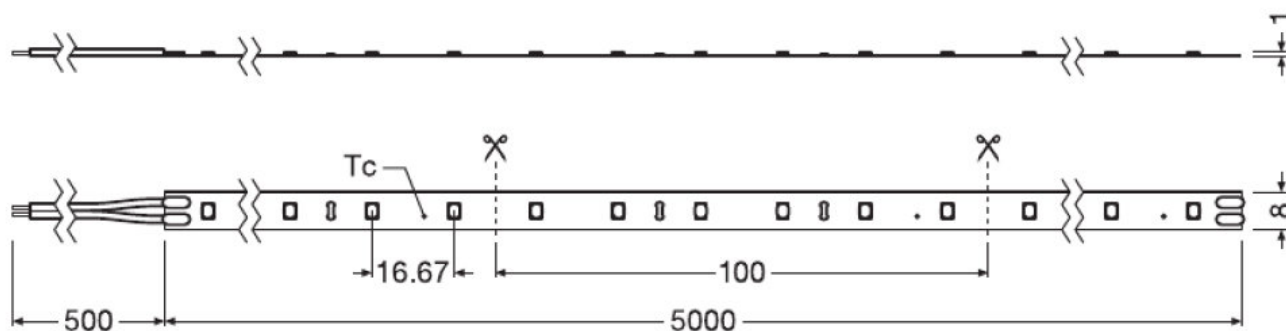
Product description	Light color LED	Color rendering index Ra	Light color (designation)
BF400-G3 -827-05	White	>80	White
BF400-G3 -830-05	White	>80	White
BF400-G3 -840-05	White	>80	White
BF800-G3 -827-05	White	>80	White
BF800-G3 -830-05	White	>80	White
BF800-G3 -840-05	White	>80	White

Dimensions & weight

Product description	Length	Product weight
BF400-G3 -827-05	5000 mm	85.00 g
BF400-G3 -830-05	5000 mm	85.00 g
BF400-G3 -840-05	5000 mm	85.00 g
BF800-G3 -827-05	5000 mm	85.00 g
BF800-G3 -830-05	5000 mm	85.00 g
BF800-G3 -840-05	5000 mm	85.00 g

Product family datasheet

Product line drawing



BF400-G3 -827-05, BF400-G3 -830-05, BF400-G3 -840-05, BF800-G3 -827-05, BF800-G3 -830-05, BF800-G3 -840-05

Temperatures & operating conditions

Product description	Temperature range in operation at T_c point	Temperature range at storage
BF400-G3 -827-05	-20...75 °C	-30...80 °C
BF400-G3 -830-05	-20...75 °C	-30...80 °C
BF400-G3 -840-05	-20...75 °C	-30...80 °C
BF800-G3 -827-05	-20...75 °C	-30...80 °C
BF800-G3 -830-05	-20...75 °C	-30...80 °C
BF800-G3 -840-05	-20...75 °C	-30...80 °C

Capabilities

Product description	Dimmable
BF400-G3 -827-05	Yes
BF400-G3 -830-05	Yes
BF400-G3 -840-05	Yes
BF800-G3 -827-05	Yes
BF800-G3 -830-05	Yes
BF800-G3 -840-05	Yes

Product family datasheet

Certificates & standards

Product description	Standards
BF400-G3 -827-05	CE
BF400-G3 -830-05	CE
BF400-G3 -840-05	CE
BF800-G3 -827-05	CE
BF800-G3 -830-05	CE
BF800-G3 -840-05	CE

Logistical data

Product description	Commodity code
BF400-G3 -827-05	940540399000
BF400-G3 -830-05	940540399000
BF400-G3 -840-05	940540399000
BF800-G3 -827-05	940540399000
BF800-G3 -830-05	940540399000
BF800-G3 -840-05	940540399000

Application advice

For more detailed application information and graphics please see product datasheet.
Attention: Only compatible for devices up to ANDROID 9

Sales and Technical Support

Sales and Technical Support www.osram.com

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899594937	BF400-G3 -827-05	Shipping carton box 20	245 mm x 225 mm x 230 mm	12.68 dm ³	2615.00 g
4052899594951	BF400-G3 -830-05	Shipping carton box 20	245 mm x 225 mm x 230 mm	12.68 dm ³	2615.00 g
4052899594975	BF400-G3 -840-05	Shipping carton box 20	245 mm x 225 mm x 230 mm	12.68 dm ³	2615.00 g
4052899595033	BF800-G3 -827-05	Shipping carton box 20	245 mm x 225 mm x 230 mm	12.68 dm ³	2615.00 g
4052899595057	BF800-G3 -830-05	Shipping carton box 20	245 mm x 225 mm x 230 mm	12.68 dm ³	2615.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899595071	BF800-G3 -840-05	Shipping carton box 20	245 mm x 225 mm x 230 mm	12.68 dm ³	2615.00 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.

Disclaimer

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