

BASIC Flex Protect G3

LED modules for semi-professional applications



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 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)

Areas of application

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



Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Type of current	Rated wattage
BFP400-G3 -827-05	24.0 V	DC	22.80 W
BFP400-G3 -830-05	24.0 V	DC	22.80 W
BFP800-G3 -827-05	24.0 V	DC	44.40 W
BFP800-G3 -830-05	24.0 V	DC	44.40 W

Photometrical data

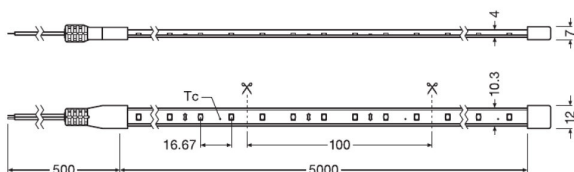
Product description	Color rendering index Ra
BFP400-G3 -827-05	>80
BFP400-G3 -830-05	>80
BFP800-G3 -827-05	>80
BFP800-G3 -830-05	>80

Dimensions & weight

Product description	Length	Product weight
BFP400-G3 -827-05	5000 mm	200.00 g
BFP400-G3 -830-05	5000 mm	200.00 g
BFP800-G3 -827-05	5000 mm	200.00 g
BFP800-G3 -830-05	5000 mm	200.00 g

Product family datasheet

Product line drawing



BFP400-G3 -827-05, BFP400-G3 -830-05, BFP800-G3 -827-05, BFP800-G3 -830-05

Temperatures & operating conditions

Product description	Temperature range in operation at Tc point	Temperature range at storage
BFP400-G3 -827-05	-20...75 °C	-30...80 °C
BFP400-G3 -830-05	-20...75 °C	-30...80 °C
BFP800-G3 -827-05	-20...75 °C	-30...80 °C
BFP800-G3 -830-05	-20...75 °C	-30...80 °C

Additional product data

Product description	ID of contained light source [GMS]
BFP400-G3 -827-05	LS_SHZ_600149
BFP400-G3 -830-05	LS_SHZ_600150
BFP800-G3 -827-05	LS_SHZ_600152
BFP800-G3 -830-05	LS_SHZ_600153

Product family datasheet

Capabilities

Product description	Dimmable
BFP400-G3 -827-05	Yes
BFP400-G3 -830-05	Yes
BFP800-G3 -827-05	Yes
BFP800-G3 -830-05	Yes

Certificates & standards

Product description	Standards	Energy efficiency class of the contained light source
BFP400-G3 -827-05	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to IEC 62031/Acc. to EN 60529/Acc. to EN 55015/Acc. to IEC 61547/CQC/ROHS/CB	G
BFP400-G3 -830-05	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to IEC 62031/Acc. to EN 60529/Acc. to EN 55015/Acc. to IEC 61547/CQC/ROHS/CB	G
BFP800-G3 -827-05	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to IEC 62031/Acc. to EN 60529/Acc. to EN 55015/Acc. to IEC 61547/CQC/ROHS/CB	G
BFP800-G3 -830-05	Acc. to IEC 62471/Acc. to IEC 60598-1/Acc. to IEC 62031/Acc. to EN 60529/Acc. to EN 55015/Acc. to IEC 61547/CQC/ROHS/CB	G

Logistical data

Product description	Commodity code
BFP400-G3 -827-05	853951000000
BFP400-G3 -830-05	853951000000
BFP800-G3 -827-05	853951000000
BFP800-G3 -830-05	853951000000

Product family datasheet

Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)

Product description	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database
BFP400-G3 -827-05	23-02-2022	4052899594999	In work
BFP400-G3 -830-05	23-02-2022	4052899595019	In work
BFP800-G3 -827-05	23-02-2022	4052899595095	In work
BFP800-G3 -830-05	23-02-2022	4052899595118	In work

Application advice

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

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
4052899594999	BFP400-G3 -827-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm ³	5139.00 g
4052899595019	BFP400-G3 -830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm ³	5139.00 g
4052899595095	BFP800-G3 -827-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm ³	5139.00 g
4052899595118	BFP800-G3 -830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm ³	5139.00 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.