

## Basic flex G3 shortpitch

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
- 120° viewing angle per module

### 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
- Lifetime: up to 30,000 h (temperature at max.  $t_c$ )
- Dimmable (with suitable DALI dimming methods)
- Available with protection class IP00 and IP66

### Areas of application

- Hospitality
- Cabinet lighting
- Signage
- Architectural lighting
- Wall integration



## Product family datasheet

### Technical data

Product description	Electrical data					Photometric data
	Nominal voltage	Type of current	Rated wattage	Input voltage range	Accidental reverse input voltage protection up to	Light color LED
BF400S-G3- 827-05	24.0 V	DC	16.50 W	23...25 V	24 V	White
BF400S-G3- 830-05	24.0 V	DC	16.50 W	23...25 V	24 V	White
BF400S-G3- 840-05	24.0 V	DC	16.50 W	23...25 V	24 V	White
BF400S-G3- 865-05	24.0 V	DC	16.50 W	23...25 V	24 V	White
BFP600S-G3- 830-05	24.0 V	DC	23.00 W	23...25 V	24 V	Warm white
BF800S-G3- 827-05	24.0 V	DC	31.00 W	23...25 V	24 V	Warm white
BF800S-G3- 830-05	24.0 V	DC	31.00 W	23...25 V	24 V	Warm white
BF800S-G3- 840-05	24.0 V	DC	31.00 W	23...25 V	24 V	Neutral white
BF800S-G3- 865-05	24.0 V	DC	31.00 W	23...25 V	24 V	Cool white
BF900S-G3- 830-05	24.0 V	DC	34.00 W	23...25 V	24 V	Warm white
BF1000S-G3- 827-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BF1000S-G3- 830-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BF1000S-G3- 840-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BF1000S-G3- 865-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BF1200S-G3- 827-05	24.0 V	DC	46.00 W	23...25 V	24 V	Warm white
BF1200S-G3- 830-05	24.0 V	DC	46.00 W	23...25 V	24 V	Warm white
BF1200S-G3- 840-05	24.0 V	DC	46.00 W	23...25 V	24 V	Neutral white
BF1200S-G3- 865-05	24.0 V	DC	46.00 W	23...25 V	24 V	Cool white
BF1500S-G3- 827-05	24.0 V	DC	62.00 W	23...25 V	24 V	White
BF1500S-G3- 830-05	24.0 V	DC	62.00 W	23...25 V	24 V	White
BF1500S-G3- 840-05	24.0 V	DC	62.00 W	23...25 V	24 V	White
BF1500S-G3- 865-05	24.0 V	DC	62.00 W	23...25 V	24 V	White

Product description	Color rendering index Ra	Luminous efficacy	Light color (designation)	Dimensions & weight		Temperatures & operating conditions
				Length	Product weight	Temperature range in operation at Tc point
BF400S-G3- 827-05	80	116.4 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BF400S-G3- 830-05	80	121.2 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BF400S-G3- 840-05	80	127.3 lm/W	Neutral White	5000 mm	85.00 g	-20...75 °C
BF400S-G3- 865-05	80	123.6 lm/W	Cool White	5000 mm	85.00 g	-20...75 °C
BFP600S-G3- 830-05	80		Warm White	5000 mm	85.00 g	-20...75 °C
BF800S-G3- 827-05	80		Warm White	5000 mm	85.00 g	-20...75 °C
BF800S-G3- 830-05	80		Warm White	5000 mm	85.00 g	-20...75 °C

## Product family datasheet

Product description	Color rendering index Ra	Luminous efficacy	Light color (designation)	Dimensions & weight		Temperatures & operating conditions
				Length	Product weight	Temperature range in operation at Tc point
BF800S-G3- 840-05	80		Neutral White	5000 mm	85.00 g	-20...75 °C
BF800S-G3- 865-05	80		Cool White	5000 mm	85.00 g	-20...75 °C
BF900S-G3- 830-05	80		Warm White	5000 mm	85.00 g	-20...75 °C
BF1000S-G3- 827-05	80	106.6 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BF1000S-G3- 830-05	80	111.3 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BF1000S-G3- 840-05	80	118.4 lm/W	Neutral White	5000 mm	85.00 g	-20...75 °C
BF1000S-G3- 865-05	80	116.1 lm/W	Cool White	5000 mm	85.00 g	-20...75 °C
BF1200S-G3- 827-05	80		Warm White	5000 mm	85.00 g	-20...75 °C
BF1200S-G3- 830-05	80		Warm White	5000 mm	85.00 g	-20...75 °C
BF1200S-G3- 840-05	80		Neutral White	5000 mm	85.00 g	-20...75 °C
BF1200S-G3- 865-05	80		Cool White	5000 mm	85.00 g	-20...75 °C
BF1500S-G3- 827-05	80	105.2 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BF1500S-G3- 830-05	80	108.9 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BF1500S-G3- 840-05	80	111 lm/W	Neutral White	5000 mm	85.00 g	-20...75 °C
BF1500S-G3- 865-05	80	109.7 lm/W	Cool White	5000 mm	85.00 g	-20...75 °C

Product description	Temperature range at storage	Additional product data	Capabilities	Certificates & standards
		ID of contained light source [GMS]	Dimmable	Standards
BF400S-G3- 827-05	-30...80 °C	LS_SHZ_600903	Yes	CE
BF400S-G3- 830-05	-30...80 °C	LS_SHZ_600904	Yes	CE
BF400S-G3- 840-05	-30...80 °C	LS_SHZ_600905	Yes	CE
BF400S-G3- 865-05	-30...80 °C	LS_SHZ_600906	Yes	CE
BFP600S-G3- 830-05	-30...80 °C	LS_SHZ_600908	Yes	CB/CE/ROHS/IEC TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1
BF800S-G3- 827-05	-30...80 °C	LS_SHZ_600911	Yes	CB/CE/ROHS/IEC TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1
BF800S-G3- 830-05	-30...80 °C	LS_SHZ_600912	Yes	CB/CE/ROHS/IEC TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 62031
BF800S-G3- 840-05	-30...80 °C	LS_SHZ_600913	Yes	CB/CE/ROHS/IEC TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1
BF800S-G3- 865-05	-30...80 °C	LS_SHZ_600914	Yes	CB/CE/ROHS/IEC TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1

## Product family datasheet

Product description	Temperature range at storage	Additional product data	Capabilities	Certificates & standards
		ID of contained light source [GMS]	Dimmable	Standards
BF900S-G3- 830-05	-30...80 °C	LS_SHZ_600916	Yes	CB/CE/ROHS/IEC TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1
BF1000S-G3- 827-05	-30...80 °C	LS_SHZ_600919	Yes	CE
BF1000S-G3- 830-05	-30...80 °C	LS_SHZ_600920	Yes	CE
BF1000S-G3- 840-05	-30...80 °C	LS_SHZ_600921	Yes	CE
BF1000S-G3- 865-05	-30...80 °C	LS_SHZ_600922	Yes	CE
BF1200S-G3- 827-05	-30...80 °C	LS_SHZ_600923	Yes	CB/CE/ROHS/IEC TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1
BF1200S-G3- 830-05	-30...80 °C	LS_SHZ_600924	Yes	CB/ROHS/IEC/TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1/CE
BF1200S-G3- 840-05	-30...80 °C	LS_SHZ_600925	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 61347-1/IEC/EN 60598-1/IEC/EN 62031
BF1200S-G3- 865-05	-30...80 °C	LS_SHZ_600926	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 61347-1/IEC/EN 60529/IEC/EN 62031/IEC/EN 60598-1
BF1500S-G3- 827-05	-30...80 °C	LS_SHZ_600927	Yes	CE
BF1500S-G3- 830-05	-30...80 °C	LS_SHZ_600928	Yes	CE
BF1500S-G3- 840-05	-30...80 °C	LS_SHZ_600929	Yes	CE
BF1500S-G3- 865-05	-30...80 °C	LS_SHZ_600930	Yes	CE

Product description	Energy efficiency class of the contained light source	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Date of Declaration	Primary Article Identifier
BF400S-G3- 827-05	F	853951000000	23-06-2022	4062172231251
BF400S-G3- 830-05	F	853951000000	23-06-2022	4062172231275
BF400S-G3- 840-05	E	853951000000	23-06-2022	4062172231299
BF400S-G3- 865-05	F	853951000000	23-06-2022	4062172231312
BFP600S-G3- 830-05	F	888888888888	16-06-2022	4062172231336
BF800S-G3- 827-05	F	888888888888	16-06-2022	4062172231350
BF800S-G3- 830-05	F	888888888888	16-06-2022	4062172231374
BF800S-G3- 840-05	F	888888888888	16-06-2022	4062172231398
BF800S-G3- 865-05	F	888888888888	16-06-2022	4062172231411
BF900S-G3- 830-05	F	888888888888	16-06-2022	4062172231435

## Product family datasheet

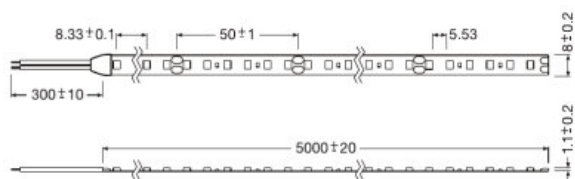
Product description	Energy efficiency class of the contained light source	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Date of Declaration	Primary Article Identifier
BF1000S-G3- 827-05	F	853951000000	23-06-2022	4062172231459
BF1000S-G3- 830-05	F	853951000000	23-06-2022	4062172231473
BF1000S-G3- 840-05	F	853951000000	23-06-2022	4062172231497
BF1000S-G3- 865-05	F	853951000000	23-06-2022	4062172231510
BF1200S-G3- 827-05	F	888888888888	16-06-2022	4062172231534
BF1200S-G3- 830-05	F	888888888888	16-06-2022	4062172231558
BF1200S-G3- 840-05	F	888888888888	16-06-2022	4062172231572
BF1200S-G3- 865-05	F	888888888888	16-06-2022	4062172231596
BF1500S-G3- 827-05	F	853951000000	23-06-2022	4062172231619
BF1500S-G3- 830-05	F	853951000000	23-06-2022	4062172231633
BF1500S-G3- 840-05	F	853951000000	23-06-2022	4062172231657
BF1500S-G3- 865-05	F	853951000000	23-06-2022	4062172231671

Product description	Candidate List Substance 1	Declaration No. in SCIP database
BF400S-G3- 827-05	No declarable substances contained	No declarable substances contained
BF400S-G3- 830-05	No declarable substances contained	No declarable substances contained
BF400S-G3- 840-05	No declarable substances contained	No declarable substances contained
BF400S-G3- 865-05	No declarable substances contained	No declarable substances contained
BFP600S-G3- 830-05		In work
BF800S-G3- 827-05		In work
BF800S-G3- 830-05		In work
BF800S-G3- 840-05		In work
BF800S-G3- 865-05		In work
BF900S-G3- 830-05		In work
BF1000S-G3- 827-05	No declarable substances contained	No declarable substances contained
BF1000S-G3- 830-05	No declarable substances contained	No declarable substances contained
BF1000S-G3- 840-05	No declarable substances contained	No declarable substances contained
BF1000S-G3- 865-05	No declarable substances contained	No declarable substances contained
BF1200S-G3- 827-05		In work
BF1200S-G3- 830-05		In work
BF1200S-G3- 840-05		In work
BF1200S-G3- 865-05		In work
BF1500S-G3- 827-05	No declarable substances contained	No declarable substances contained

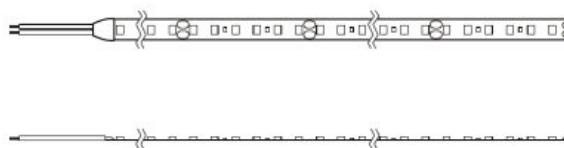
## Product family datasheet

<b>Product description</b>	<b>Candidate List Substance 1</b>	<b>Declaration No. in SCIP database</b>
BF1500S-G3- 830-05	No declarable substances contained	No declarable substances contained
BF1500S-G3- 840-05	No declarable substances contained	No declarable substances contained
BF1500S-G3- 865-05	No declarable substances contained	No declarable substances contained

## Product family datasheet



Line drawing of BASIC FLEX G3 short pitch



Line drawing of BASIC FLEX G3 short pitch





### Application advice

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

### Sales and Technical Support

Sales and Technical Support [www.osram.com](http://www.osram.com)

### Download Data

File	
	User instruction Basic Flex G3 Shortpitch IP User Instruction 20210722
	Product Datasheet BASIC Flex G3 Shortpitch (EN)
	Product Datasheet BASIC Flex G3 Shortpitch EMEA (EN)
	Certificates Basic Flex G3 Shortpitch CB 20210722

### Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

## Product family datasheet

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172231251	BF400S-G3- 827-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231275	BF400S-G3- 830-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231299	BF400S-G3- 840-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231312	BF400S-G3- 865-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231336	BFP600S-G3- 830-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231350	BF800S-G3- 827-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231374	BF800S-G3- 830-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231398	BF800S-G3- 840-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231411	BF800S-G3- 865-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231435	BF900S-G3- 830-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231459	BF1000S-G3- 827-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231473	BF1000S-G3- 830-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231497	BF1000S-G3- 840-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231510	BF1000S-G3- 865-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231534	BF1200S-G3- 827-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231558	BF1200S-G3- 830-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231572	BF1200S-G3- 840-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231596	BF1200S-G3- 865-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231619	BF1500S-G3- 827-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231633	BF1500S-G3- 830-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g



## Product family datasheet

---

### Logistical Data

---

4062172231657	BF1500S-G3- 840-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 g
4062172231671	BF1500S-G3- 865-05	Shipping carton box 40	400 mm x 260 mm x 193 mm	20.07 dm <sup>3</sup>	4897.00 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.