

## Basic flex G3 protect 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
- Dimmable (with suitable PWM dimming methods)
- Available with protection class IP00 and IP66
- Lifetime: up to 30,000 h (temperature at max.  $t_c$ )

### Areas of application

- Hospitality
- Cabinet lighting
- Signage
- Architectural dimming
- 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
BFP400S-G3- 827-05	24.0 V	DC	16.50 W	23...25 V	24 V	White
BFP400S-G3- 830-05	24.0 V	DC	16.50 W	23...25 V	24 V	White
BFP400S-G3- 840-05	24.0 V	DC	16.50 W	23...25 V	24 V	White
BFP400S-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
BFP800S-G3- 827-05	24.0 V	DC	31.00 W	23...25 V	24 V	Warm white
BFP800S-G3- 830-05	24.0 V	DC	31.00 W	23...25 V	24 V	Warm white
BFP800S-G3- 840-05	24.0 V	DC	31.00 W	23...25 V	24 V	Neutral white
BFP800S-G3- 865-05	24.0 V	DC	31.00 W	23...25 V	24 V	Cool white
BFP900S-G3- 830-05	24.0 V	DC	34.00 W	23...25 V	24 V	Warm white
BFP1000S-G3- 827-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BFP1000S-G3- 830-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BFP1000S-G3- 840-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BFP1000S-G3- 865-05	24.0 V	DC	38.00 W	23...25 V	24 V	White
BFP1200S-G3- 827-05	24.0 V	DC	46.00 W	23...25 V	24 V	Warm white
BFP1200S-G3- 830-05	24.0 V	DC	46.00 W	23...25 V	24 V	Warm white
BFP1200S-G3- 840-05	24.0 V	DC	46.00 W	23...25 V	24 V	Neutral white
BFP1200S-G3- 865-05	24.0 V	DC	46.00 W	23...25 V	24 V	Cool white
BFP1500S-G3- 827-05	24.0 V	DC	62.00 W	23...25 V	24 V	White
BFP1500S-G3- 830-05	24.0 V	DC	62.00 W	23...25 V	24 V	White
BFP1500S-G3- 840-05	24.0 V	DC	62.00 W	23...25 V	24 V	White
BFP1500S-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
BFP400S-G3- 827-05	80	107.9 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BFP400S-G3- 830-05	80	112.7 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BFP400S-G3- 840-05	80	118.2 lm/W	Neutral White	5000 mm	85.00 g	-20...75 °C
BFP400S-G3- 865-05	80	115.2 lm/W	Cool White	5000 mm	85.00 g	-20...75 °C
BFP600S-G3- 830-05	80		Warm White	5000 mm	200.00 g	-20...75 °C
BFP800S-G3- 827-05	80		Warm White	5000 mm	200.00 g	-20...75 °C
BFP800S-G3- 830-05	80		Warm White	5000 mm	200.00 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
BFP800S-G3- 840-05	80		Neutral White	5000 mm	200.00 g	-20...75 °C
BFP800S-G3- 865-05	80		Cool White	5000 mm	200.00 g	-20...75 °C
BFP900S-G3- 830-05	80		Warm White	5000 mm	200.00 g	-20...75 °C
BFP1000S-G3- 827-05	80	101.6 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BFP1000S-G3- 830-05	80	103.9 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BFP1000S-G3- 840-05	80	110 lm/W	Neutral White	5000 mm	85.00 g	-20...75 °C
BFP1000S-G3- 865-05	80	107.9 lm/W	Cool White	5000 mm	85.00 g	-20...75 °C
BFP1200S-G3- 827-05	80		Warm White	5000 mm	200.00 g	-20...75 °C
BFP1200S-G3- 830-05	80		Warm White	5000 mm	200.00 g	-20...75 °C
BFP1200S-G3- 840-05	80		Neutral White	5000 mm	200.00 g	-20...75 °C
BFP1200S-G3- 865-05	80		Cool White	5000 mm	200.00 g	-20...75 °C
BFP1500S-G3- 827-05	80	97.7 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BFP1500S-G3- 830-05	80	101.1 lm/W	Warm White	5000 mm	85.00 g	-20...75 °C
BFP1500S-G3- 840-05	80	103.2 lm/W	Neutral White	5000 mm	85.00 g	-20...75 °C
BFP1500S-G3- 865-05	80	101.9 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
BFP400S-G3- 827-05	-30...80 °C	LS_SHZ_600875	Yes	CE
BFP400S-G3- 830-05	-30...80 °C	LS_SHZ_600876	Yes	CE
BFP400S-G3- 840-05	-30...80 °C	LS_SHZ_600877	Yes	CE
BFP400S-G3- 865-05	-30...80 °C	LS_SHZ_600878	Yes	CE
BFP600S-G3- 830-05	-30...80 °C	LS_SHZ_600880	Yes	CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031/CB
BFP800S-G3- 827-05	-30...80 °C	LS_SHZ_600883	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 61347-1/IEC/EN 60598-1/IEC/EN 60529/IEC/EN 62031
BFP800S-G3- 830-05	-30...80 °C	LS_SHZ_600884	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031
BFP800S-G3- 840-05	-30...80 °C	LS_SHZ_600885	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031

## Product family datasheet

Product description	Temperature range at storage	Additional product data	Capabilities	Certificates & standards
		ID of contained light source [GMS]	Dimmable	Standards
BFP800S-G3- 865-05	-30...80 °C	LS_SHZ_600886	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031/IEC/EN 60529
BFP900S-G3- 830-05	-30...80 °C	LS_SHZ_600888	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031
BFP1000S-G3- 827-05	-30...80 °C	LS_SHZ_600891	Yes	CE
BFP1000S-G3- 830-05	-30...80 °C	LS_SHZ_600892	Yes	CE
BFP1000S-G3- 840-05	-30...80 °C	LS_SHZ_600893	Yes	CE
BFP1000S-G3- 865-05	-30...80 °C	LS_SHZ_600894	Yes	CE
BFP1200S-G3- 827-05	-30...80 °C	LS_SHZ_600895	Yes	CB/CE/ROHS/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031/IEC/TR 62778
BFP1200S-G3- 830-05	-30...80 °C	LS_SHZ_600896	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031
BFP1200S-G3- 840-05	-30...80 °C	LS_SHZ_600897	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031
BFP1200S-G3- 865-05	-30...80 °C	LS_SHZ_600898	Yes	CB/CE/ROHS/IEC/TR 62778/IEC/EN 60529/IEC/EN 60598-1/IEC/EN 61347-1/IEC/EN 62031
BFP1500S-G3- 827-05	-30...80 °C	LS_SHZ_600899	Yes	CE
BFP1500S-G3- 830-05	-30...80 °C	LS_SHZ_600900	Yes	CE
BFP1500S-G3- 840-05	-30...80 °C	LS_SHZ_600901	Yes	CE
BFP1500S-G3- 865-05	-30...80 °C	LS_SHZ_600902	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
BFP400S-G3- 827-05	F	853951000000	23-06-2022	4062172231695
BFP400S-G3- 830-05	F	853951000000	23-06-2022	4062172231718
BFP400S-G3- 840-05	F	853951000000	23-06-2022	4062172231732
BFP400S-G3- 865-05	F	853951000000	23-06-2022	4062172231756
BFP600S-G3- 830-05	F	888888888888	16-06-2022	4062172231770

## Product family datasheet

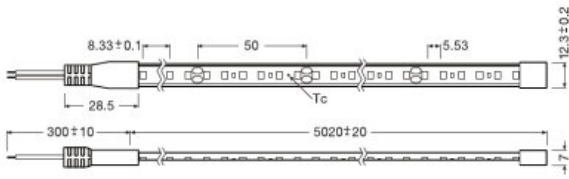
Product description	Energy efficiency class of the contained light source	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Date of Declaration	Primary Article Identifier
BFP800S-G3- 827-05	F	888888888888	16-06-2022	4062172231794
BFP800S-G3- 830-05	F	888888888888	16-06-2022	4062172231817
BFP800S-G3- 840-05	F	888888888888	16-06-2022	4062172231831
BFP800S-G3- 865-05	F	888888888888	16-06-2022	4062172231855
BFP900S-G3- 830-05	F	888888888888	16-06-2022	4062172231879
BFP1000S-G3- 827-05	F	853951000000	23-06-2022	4062172231893
BFP1000S-G3- 830-05	F	853951000000	06-07-2022	4062172231916
BFP1000S-G3- 840-05	F	853951000000	23-06-2022	4062172231930
BFP1000S-G3- 865-05	F	853951000000	23-06-2022	4062172231954
BFP1200S-G3- 827-05	F	888888888888	16-06-2022	4062172231978
BFP1200S-G3- 830-05	F	888888888888	16-06-2022	4062172231992
BFP1200S-G3- 840-05	F	888888888888	16-06-2022	4062172232012
BFP1200S-G3- 865-05	F	888888888888	16-06-2022	4062172232036
BFP1500S-G3- 827-05	F	853951000000	23-06-2022	4062172232050
BFP1500S-G3- 830-05	F	853951000000	23-06-2022	4062172232074
BFP1500S-G3- 840-05	F	853951000000	23-06-2022	4062172232098
BFP1500S-G3- 865-05	F	853951000000	23-06-2022	4062172232111

Product description	Candidate List Substance 1	Declaration No. in SCIP database
BFP400S-G3- 827-05	No declarable substances contained	No declarable substances contained
BFP400S-G3- 830-05	No declarable substances contained	No declarable substances contained
BFP400S-G3- 840-05	No declarable substances contained	No declarable substances contained
BFP400S-G3- 865-05	No declarable substances contained	No declarable substances contained
BFP600S-G3- 830-05		In work
BFP800S-G3- 827-05		In work
BFP800S-G3- 830-05		In work
BFP800S-G3- 840-05		In work
BFP800S-G3- 865-05		In work
BFP900S-G3- 830-05		In work
BFP1000S-G3- 827-05	No declarable substances contained	No declarable substances contained
BFP1000S-G3- 830-05	No declarable substances contained	No declarable substances contained
BFP1000S-G3- 840-05	No declarable substances contained	No declarable substances contained
BFP1000S-G3- 865-05	No declarable substances contained	No declarable substances contained
BFP1200S-G3- 827-05		In work

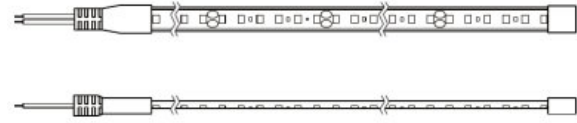
## Product family datasheet

<b>Product description</b>	<b>Candidate List Substance 1</b>	<b>Declaration No. in SCIP database</b>
BFP1200S-G3- 830-05		In work
BFP1200S-G3- 840-05		In work
BFP1200S-G3- 865-05		In work
BFP1500S-G3- 827-05	No declarable substances contained	No declarable substances contained
BFP1500S-G3- 830-05	No declarable substances contained	No declarable substances contained
BFP1500S-G3- 840-05	No declarable substances contained	No declarable substances contained
BFP1500S-G3- 865-05	No declarable substances contained	No declarable substances contained

## Product family datasheet



Line drawing of BASIC FLEX G3 short pitch\_IP



Line drawing of BASIC FLEX G3 short pitch\_IP





### 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
4062172231695	BFP400S-G3- 827-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231718	BFP400S-G3- 830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231732	BFP400S-G3- 840-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231756	BFP400S-G3- 865-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231770	BFP600S-G3- 830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172231794	BFP800S-G3- 827-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172231817	BFP800S-G3- 830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172231831	BFP800S-G3- 840-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172231855	BFP800S-G3- 865-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172231879	BFP900S-G3- 830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172231893	BFP1000S-G3- 827-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231916	BFP1000S-G3- 830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231930	BFP1000S-G3- 840-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231954	BFP1000S-G3- 865-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172231978	BFP1200S-G3- 827-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172231992	BFP1200S-G3- 830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172232012	BFP1200S-G3- 840-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172232036	BFP1200S-G3- 865-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	6637.00 g
4062172232050	BFP1500S-G3- 827-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172232074	BFP1500S-G3- 830-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g



## Product family datasheet

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### Logistical Data

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4062172232098	BFP1500S-G3- 840-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g
4062172232111	BFP1500S-G3- 865-05	Shipping carton box 20	330 mm x 275 mm x 295 mm	26.77 dm <sup>3</sup>	4337.00 g

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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.

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### Disclaimer

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