



# Light is essential

## BASIC Flex G3 Shortpitch

Light is OSRAM

**OSRAM**

## IP00

Product name	EAN10	Color temp. [K]*	Power/ reel [W]*	Power/ 1m [W]*	Lumen /m [lm/m]*	Efficacy [lm/W]	Current/m [mA]*
BF400S-G3-827-05 16.5 W 24 V	4062172231251	2700	16.5	3.5	400	Up to 110	150
BF400S-G3-830-05 16.5 W 24 V	4062172231275	3000	16.5	3.5	420	Up to 110	150
BF400S-G3-840-05 16.5 W 24 V	4062172231299	4000	16.5	3.5	450	Up to 110	150
BF400S-G3-865-05 16.5 W 24 V	4062172231312	6500	16.5	3.5	430	Up to 110	150
BF600S-G3-830-05 23.0 W 24 V	4062172231336	3000	23.0	5.0	590	Up to 110	208
BF800S-G3-827-05 31.0 W 24 V	4062172231350	2700	31.0	7.0	760	Up to 110	292
BF800S-G3-830-05 31.0 W 24 V	4062172231374	3000	31.0	7.0	800	Up to 110	292
BF800S-G3-840-05 31.0 W 24 V	4062172231398	4000	31.0	7.0	850	Up to 110	292
BF800S-G3-865-05 31.0 W 24 V	4062172231411	6500	31.0	7.0	830	Up to 110	292
BF900S-G3-830-05 34.0 W 24 V	4062172231435	3000	34.0	7.5	860	Up to 110	313
BF1000S-G3-827-05 38.0 W 24 V	4062172231459	2700	38.0	8.6	980	Up to 110	358
BF1000S-G3-830-05 38.0 W 24 V	4062172231473	3000	38.0	8.6	1020	Up to 110	358
BF1000S-G3-840-05 38.0 W 24 V	4062172231497	4000	38.0	8.6	1050	Up to 110	358
BF1000S-G3-865-05 38.0 W 24 V	4062172231510	6500	38.0	8.6	1030	Up to 110	358
BF1200S-G3-827-05 46.0 W 24 V	4062172231534	2700	46.0	11.0	1100	Up to 110	458
BF1200S-G3-830-05 46.0 W 24 V	4062172231558	3000	46.0	11.0	1160	Up to 110	458
BF1200S-G3-840-05 46.0 W 24 V	4062172231572	4000	46.0	11.0	1220	Up to 110	458
BF1200S-G3-865-05 46.0 W 24 V	4062172231596	6500	46.0	11.0	1170	Up to 110	458
BF1500S-G3-827-05 62.0 W 24 V	4062172231619	2700	62.0	14.4	1440	Up to 110	600
BF1500S-G3-830-05 62.0 W 24 V	4062172231633	3000	62.0	14.4	1510	Up to 110	600
BF1500S-G3-840-05 62.0 W 24 V	4062172231657	4000	62.0	14.4	1550	Up to 110	600
BF1500S-G3-865-05 62.0 W 24 V	4062172231671	6500	62.0	14.4	1530	Up to 110	600

CRI	Cutting unit [mm]	Operable length [mm]	LED/m	Voltage [Vdc]	Beam angle [°]	Color consistency MacAdam
80	100	5000	120	24	120	< 3


Due to the complex manufacturing process of light-emitting diodes, the above-specified typical values of the technical LED parameters merely represent purely statistical variables. They do not necessarily correspond to the actual technical parameters of each individual product, which may deviate from typical values.

\* 1. Testing based on  $t_a=40^{\circ}\text{C}$ , one-meter data, tolerance of lumen flux is  $\pm 10\%$ .

2. Tolerance of measurements for the color rendering  $R_a$  is  $\pm 2$ ;

3. Tolerance of measurements for the chromaticity coordinate is  $\pm 0.005$ ; the tolerance of CCT should be calculated accordingly.

## Includes the following accessories

Component name	Quantity/unit package (pcs.)	Image
BASIC Flex G3	1	

## IP66

Product name	EAN10	Color temp. [K]*	Power/ reel [W]*	Power/ 1m [W]*	Lumen/ m [lm/m]*	Efficacy [lm/W]	Current /m [mA]*
BFP400S-G3-827-05 16.5 W 24 V	4062172231695	2700	16.5	3.5	370	Up to 110	150
BFP400S-G3-830-05 16.5 W 24 V	4062172231718	3000	16.5	3.5	390	Up to 110	150
BFP400S-G3-840-05 16.5 W 24 V	4062172231732	4000	16.5	3.5	415	Up to 110	150
BFP400S-G3-865-05 16.5 W 24 V	4062172231756	6500	16.5	3.5	400	Up to 110	150
BFP600S-G3-830-05 23.0 W 24 V	4062172231770	3000	23.0	5.0	545	Up to 110	208
BFP800S-G3-827-05 31.0 W 24 V	4062172231794	2700	31.0	7.0	700	Up to 110	292
BFP800S-G3-830-05 31.0 W 24 V	4062172231817	3000	31.0	7.0	740	Up to 110	292
BFP800S-G3-840-05 31.0 W 24 V	4062172231831	4000	31.0	7.0	790	Up to 110	292
BFP800S-G3-865-05 31.0 W 24 V	4062172231855	6500	31.0	7.0	770	Up to 110	292
BFP900S-G3-830-05 34.0 W 24 V	4062172231879	3000	34.0	7.5	800	Up to 110	313
BFP1000S-G3-827-05 38.0 W 24 V	4062172231893	2700	38.0	8.6	910	Up to 110	358
BFP1000S-G3-830-05 38.0 W 24 V	4062172231916	3000	38.0	8.6	950	Up to 110	358
BFP1000S-G3-840-05 38.0 W 24 V	4062172231930	4000	38.0	8.6	975	Up to 110	358
BFP1000S-G3-865-05 38.0 W 24 V	4062172231954	6500	38.0	8.6	960	Up to 110	358
BFP1200S-G3-827-05 46.0 W 24 V	4062172231978	2700	46.0	11.0	1020	Up to 110	458
BFP1200S-G3-830-05 46.0 W 24 V	4062172231992	3000	46.0	11.0	1080	Up to 110	458
BFP1200S-G3-840-05 46.0 W 24 V	4062172232012	4000	46.0	11.0	1130	Up to 110	458
BFP1200S-G3-865-05 46.0 W 24 V	4062172232036	6500	46.0	11.0	1090	Up to 110	458
BFP1500S-G3-827-05 62.0 W 24 V	4062172232050	2700	62.0	14.4	1340	Up to 110	600
BFP1500S-G3-830-05 62.0 W 24 V	4062172232074	3000	62.0	14.4	1400	Up to 110	600
BFP1500S-G3-840-05 62.0 W 24 V	4062172232098	4000	62.0	14.4	1440	Up to 110	600
BFP1500S-G3-865-05 62.0 W 24 V	4062172232111	6500	62.0	14.4	1420	Up to 110	600

CRI	Cutting unit [mm]	Operable length [mm]	LED/m	Voltage [Vdc]	Beam angle [°]	Color consistency MacAdam
80	100	5000	120	24	120	< 3


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\* 1. Testing based on  $t_c=40^{\circ}\text{C}$ , one-meter data, tolerance of lumen flux is  $\pm 10\%$ .

2. Tolerance of measurements for the color rendering  $R_a$  is  $\pm 2$ ;

3. Tolerance of measurements for the chromaticity coordinate is  $\pm 0.005$ ; the tolerance of CCT should be calculated accordingly.

## Includes the following accessories

Component name	Quantity/unit package (pcs.)	Image
BASIC Flex G3	1	

## Compatible drivers



Product name	EAN	Nominal input voltage[V]	Max. output power [W]	Output voltage [V]	Rated current [A]±5 %	Power factor [λ]	Efficiency (max.) [%]	Dimmable
ELEMENT 30/220...240/24 G2	4052899605503	220...240	30	24	1.25	0.95	Up to 86	No
ELEMENT 60/220...240/24 G2	4052899605527	220...240	60	24	2.50	0.95	Up to 86	No
ELEMENT 120/220...240/24 G2	4052899605541	220...240	120	24	5.00	0.95	Up to 86	No
ELEMENT 180/220...240/24 G2	4052899605565	220...240	180	24	7.50	0.95	Up to 86	No

Product name	Dimensions (L x W x H) [mm]	Ambient temperature range [°C]	T <sub>c</sub> max. [°C]	Lifetime [h]	IP protection	Certificates & approbations	Standard pack [pcs.]
ELEMENT 30/220...240/24 G2	145 x 40 x 26.5	-20...+50	75	30 k <sup>1)</sup> /50 k <sup>2)</sup>	IP20	CE, CB, CCC	40
ELEMENT 60/220...240/24 G2	200 x 40 x 31	-20...+50	85	30 k <sup>1)</sup> /50 k <sup>2)</sup>	IP20	CE, CB, CCC	30
ELEMENT 120/220...240/24 G2	260 x 40 x 31	-20...+50	90	30 k <sup>1)</sup> /50 k <sup>2)</sup>	IP20	CE, CB, CCC	20
ELEMENT 180/220...240/24 G2	260 x 40 x 31	-20...+50	90	30 k <sup>1)</sup> /50 k <sup>2)</sup>	IP20	CE, CB, CCC	20

1)At max. T<sub>c</sub> temperature, max. failure rate of 10%

2)Operating at 10°C lower than max. T<sub>c</sub>, max. failure rate of 10%

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