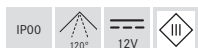**BRUMBERG**

QUALITYFLEX Individual LED flex lighting OneCut, 5 m, CRI > 90, 18 W / m, IP00
Article no. 15311027

Light.
For Generations.

13,9 mm 13,89 mm 120° R=35 mm

F | A↑G

IP00 | 120° | 12V | III

Tender
LED flex lighting OneCut, 5 m, CRI > 90, 18 W / m, IP00, white, 2.700K, CRI > 90.LED flex lightingLength: 5000.0 mm Lamp power per meter: 18.0 W/m, Luminous flux per meter: 1470.0 lm/m, Degree of protection: IP00, Protection class: III, Voltage: 12V DC, Beam angle: 120.0 °, 72 LEDs per meter, . For individual application, the LED flex board can be used all 13,89 mm be cut back. The maximum system length of 5.000mm must not be exceeded with one feed-in.

Product Benefits
- Divisible after each single LED (every 13.9 mm) for highly flexible customizing.
- Tailor-made lighting solutions for individual lighting concepts.
- High colour rendering of CRI>90.
- Optimal for the basic and general lighting of rooms, architectural applications and areas where high illumination is desired.
- Colour temperature: 2700 Kelvin, 3000 Kelvin and 4000 Kelvin.
- 12 V DC version.
- Dimmable with appropriate accessories.

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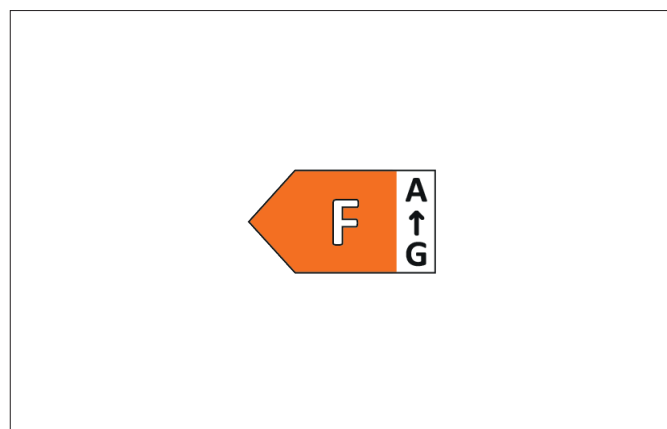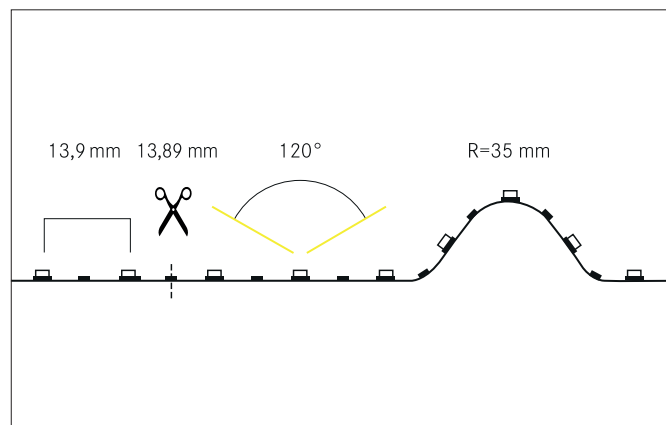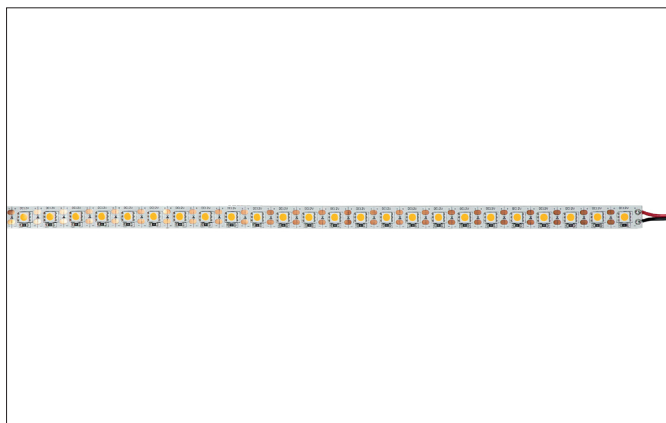## QUALITYFLEX Individual LED flex lighting OneCut, 5 m, CRI > 90, 18 W / m, IP00
Article no. 15311027

Light.
For Generations.

Article data	
Article no.	15311027
GTIN	4251433927020
Series name	QUALITYFLEX Individual
Short description	LED flex lighting OneCut, 5 m, CRI > 90, 18 W / m, IP00
Colour	White
Length	5,000 mm
Width	12 mm
Hight	2.2 mm
Scope of delivery	incl. 1 x mounting instructions, 5 x identification labels
Weight	0.145 kg
Length of the connection line	350 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	2.700 K
Light colour	White
Color Temperature 1	2,700 K
Luminous flux per meter	1,470 lm/m
System efficiency	82 lm/W
McAdam-Step	McAdam-Step 5
Colour rendering	CRI > 90
Beam angle	120°

Operating technology of the luminaire	
Lamp power per meter	18 W/m
Voltage type	DC
DC nominal voltage max	12 V
Lamp	LED
Protection class	III
Degree of protection	IP00
Ambient temperature	-10 °C up to +40 °C
Dimmable	Yes
Wire number	2
Control	Depending on driver
Length of the connection line	350 mm
Design of the connecting cable	both sides
Bulb change possible	No
Rated life time L70/B50 at 25 °C	50,000 h
Energy efficiency class	F

Operating technology of QualityFlex	
Number of lamps per meter	72 Qty
Length of individual sections	13.89 mm
Smallest bend radius	35 mm
Length	5,000 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	5050 LED

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Packing data	
Gross weight	0.181 kg
Length of packaging	220 mm
Packaging width	240 mm
Packaging hight	20 mm
Disposal at end of life	This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately. By disposing of electrical waste and other old or defective electronics separately, you support recycling or other forms of re-use. In that way you help to take care and to avoid that harmful substances get into the environment.

Compatible Driver						
Article no.	Power min	Power	Control	Length	Width	Hight
3506	0 W	20 W	1-10 V	146 mm	55 mm	19 mm
17121000	1 W	60 W	on/off	180 mm	63 mm	36 mm
17122000	1 W	120 W	on/off	219 mm	63 mm	36 mm

Compatible Conroller						
Article no.	Power min	Power	Control	Length	Width	Hight
17502000	1 W	120 W	DALI	183 mm	33 mm	23 mm
18151000	1 W	240 W	KNX	170 mm	59 mm	30 mm
18152000	1 W	240 W	DALI-DT6	170 mm	59 mm	30 mm
18153000	1 W	240 W	DMX	170 mm	59 mm	30 mm
18154000	1 W	240 W	1-10 V	170 mm	59 mm	30 mm
18161000	1 W	240 W	KNX	72 mm	90 mm	70 mm
18162000	1 W	240 W	DALI-DT6	54 mm	110 mm	66 mm
18164000	1 W	240 W	1-10 V	54 mm	110 mm	66 mm
17528000	1 W	240 W	Wireless technology control			
17511000	1 W	240 W	Wireless technology control	145 mm	46.5 mm	16 mm
18157000	1 W	240 W	ZigBee	145 mm	46.5 mm	16 mm
18192000	1 W	240 W	Wireless technology control	160 mm	45 mm	18 mm

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Compatible Profiles				
Short description	Series name	Length	Width	Hight
Surface-mounted profile 53601080	P03-12	2,000 mm	17.8 mm	10.8 mm
Surface-mounted profile 53602070	P04-14	2,000 mm	24 mm	9 mm
Surface-mounted profile 53603070	P06-20	2,000 mm	23 mm	25.1 mm
LED surface-mounted profile 53606070	P30-30	2,000 mm	33.4 mm	29.6 mm
Surface-mounted profile 53607080	P16-16	2,000 mm	18.8 mm	18.6 mm
Surface-mounted profile, flat 53380261	ONE		17.6 mm	6 mm
Surface-mounted profile, high 53381302	ONE		17.6 mm	15.9 mm
Recessed profile 53654070	P36-20	2,000 mm	30 mm	20.4 mm
LED recessed profile 53759070	P40-30	2,000 mm	44.4 mm	24 mm
Plaster profile 53655070	P37-30	2,000 mm	63.4 mm	15.9 mm
Plaster profile 53656070	P38-30	2,000 mm	63.4 mm	24 mm
Wall recessed profile 53650260	P32-12	2,000 mm	19.1 mm	81 mm
Surface-mounted corner profile 53702070	P62-14	2,000 mm	24 mm	19.4 mm
Surface-mounted corner profile 53385261	ONE		24 mm	19.4 mm
Wall surface-mounted profile 53754070	P73-12	2,000 mm	17.8 mm	46.1 mm
Wall surface-mounted profile 53751260	P74-14	2,000 mm	18.5 mm	55 mm
Ceiling recessed profile with wall mounting 53755260	P75-14	2,000 mm	28 mm	28 mm