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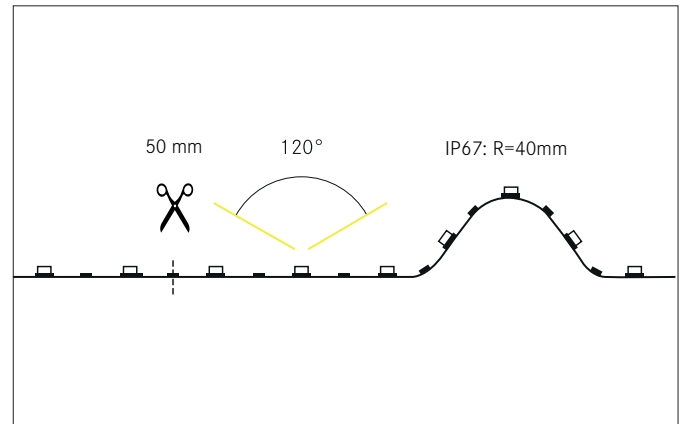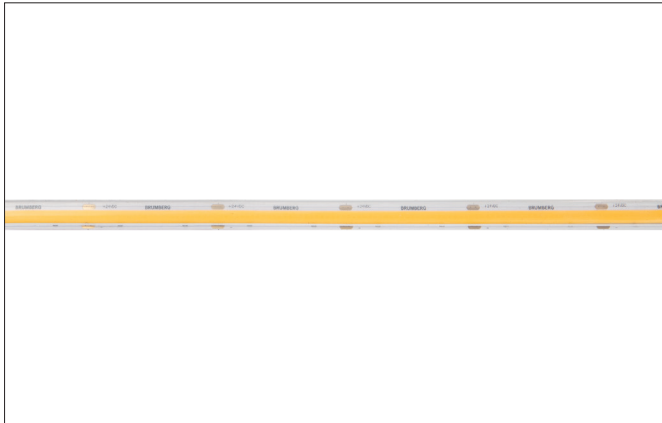# QUALITYFLEX COB-Sauna LED flex lighting, 5 m, CRI > 90, 10 W/m, IP67

Article no. 15666027

Light.
For Generations.

| 120° | 24V |

Tender
LED flex lighting, 5 m, CRI > 90, 10 W/m, IP67, white, 2.700K, CRI > 90.LED flex lightingLength: 5000.0 mm Lamp power per meter: 10.0 W/m, Luminous flux per meter: 840.0 lm/m, Degree of protection: IP67, Protection class: III, Voltage: 24V , Beam angle: 120.0 °, 480 LEDs per meter, Chip distance (Short Pitch) : 2,08mm. For individual application, the LED flex board can be used all 50 mm be cut back. If the LED flex board is shortened, the IP protection must be restored by the customer. The maximum system length of 5.000mm must not be exceeded with one feed-in.

Product Benefits
- Mounting by retaining clips directly on the substrate.
- High color rendering with CRI > 90.
- Chip-on-board LED assembly for homogeneous light pattern.
- Continuous light emission over the length of the board.
- Ideal for use at higher ambient temperature, steam bath / sauna.
- Color temperature 2700 Kelvin or 3000 Kelvin.
- Suitable for indoor use only.
- Pitch of 50 millimeters.
- Light color: monochrome white.
- Dimmable with appropriate accessories.

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Article data	
Article no.	15666027
GTIN	4251433957867
Series name	QUALITYFLEX COB-Sauna
Short description	LED flex lighting, 5 m, CRI > 90, 10 W/m, IP67
Colour	White
Length	5,000 mm
Width	12 mm
Hight	5.5 mm
Scope of delivery	incl. 3 pieces „End cap IP65" incl. 15 pieces of mounting clips and 30 pieces of screws incl. 1 piece connection cable 30cm long connection cable, red = „+" black = „-" Back adhesive strip „TESA 4965"
Weight	0.350 kg
Length of the connection line	300 mm

Lighting technology	
Colour temperature	2.700 K
Light colour	White
Luminous flux per meter	840 lm/m
System efficiency	84 lm/W
McAdam-Step	McAdam-Step 5
Colour rendering	CRI > 90
Beam angle	120°

Operating technology of the luminaire	
Lamp power per meter	10 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP67
Ambient temperature	-25 °C up to +105 °C
Dimmable	Yes
Wire number	2
Control	Depending on driver
Length of the connection line	300 mm
Kabelbelegung	red = + pole black = - pole
Design of the connecting cable	one-sided
Bulb change possible	No
Rated life time L70/B50 at 25 °C	50,000 h
Energieeffizienzklasse	F

Operating technology of QualityFlex	
Short Pitch	2.08 mm
Number of lamps per meter	480 Qty
Length of individual sections	50 mm
Smallest bend radius	40 mm
Length	5,000 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	COB-LED

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which
are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
Date 30.05.2023 Orders are placed under our general terms and conditions under https://www.brumberg.com/en/terms-and-conditions/general-terms-and-conditions-of-sale/

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Packing data	
Gross weight	0.442 kg
Length of packaging	5,000 mm
Packaging width	15 mm
Packaging hight	6 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
17206000	1 W	20 W	1-10 V	146 mm	55 mm	19 mm
17207000	1 W	30 W	on/off	160 mm	50 mm	22 mm
17214000	1 W	7.2 W	on/off	68 mm	35 mm	21 mm
17223000	1 W	75 W	on/off	185 mm	60 mm	31 mm
17224000	1 W	100 W	on/off	199 mm	63 mm	36 mm
17225000	1 W	150 W	on/off	219 mm	63 mm	36 mm
17226000	1 W	240 W	on/off	244 mm	71 mm	38 mm
17240000			on/off			
17230000			Trailing-edge phase			

Compatible Conroller						
Article no.	Power min	Power	Control	Length	Width	Hight
17502000	0 W	120 W	DALI	183 mm	33 mm	23 mm
18151000	24 W	240 W	KNX	170 mm	59 mm	30 mm
18152000	24 W	240 W	DALI	170 mm	59 mm	30 mm
18153000	24 W	240 W	DMX	170 mm	59 mm	30 mm
18154000	24 W	240 W	1-10 V	170 mm	59 mm	30 mm
18161000	24 W	240 W	KNX	72 mm	90 mm	70 mm
18162000	24 W	240 W	DALI	54 mm	110 mm	66 mm
18164000	24 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	48 W	240 W	Zigbee	145 mm	46.5 mm	16 mm
18192000	120 W	240 W	Wireless technology control	160 mm	45 mm	18 mm

Compatible Profiles				