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QUALITYFLEX ONE RGBW LED flex lighting 5 m, 14,4 W / m, IP67
Article no. 38274002

Light.
For Generations.

16,7 mm 200 mm 120° IP00: R=30 mm
IP67: R=60 mm

Tender
RGBW LED flex lighting 5 m, 14,4 W / m, IP67, white, 3.000K, CRI > 90.LED flex lightingLength: 5000.0 mm Lamp power per meter: 14.4 W/m, Degree of protection: IP67, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 60 LEDs per meter, Chip distance (Short Pitch) : 16,7mm. For individual application, the LED flex board can be used all 200 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
- Dynamic color accents with red, green, blue and white.
- Suitable for indoor and outdoor use (IP67).
- Optimal for color accent lighting in residential or hospitality applications.
- Decorative lighting and accent lighting of cove lights, linear applications and backlights.
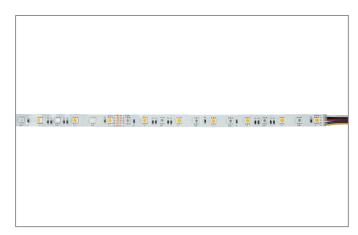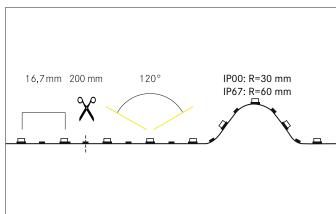- Compatible with our 4-channel 24 V DC controllers, RGBW.

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Article data	
Article no.	38274002
GTIN	4251433954231
Series name	QUALITYFLEX ONE
Short description	RGBW LED flex lighting 5 m, 14,4 W / m, IP67
Colour	White
Length	5,000 mm
Width	15 mm
Hight	5 mm
Scope of delivery	incl. 1 x mounting instructions, 5 x identification labels
Weight	0.545 kg
Length of the connection line	350 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGBW
Light colour	RGBW
Color Temperature 1	3,000 K
Luminous flux 1	945 lm/m
Luminous flux red	86 lm/m
Luminous flux green	223 lm/m
Luminous flux blue	48 lm/m
System efficiency	14 lm/W
McAdam-Step	McAdam-Step 5
Colour rendering	CRI > 90
Beam angle	120°
Adjustable color temperature	No

Operating technology of the luminaire	
System output	72 W
Lamp power per meter	14.4 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP67
Ambient temperature	-10 °C up to +40 °C
Dimmable	Yes
Wire number	5
Control	Depending on driver
Length of the connection line	350 mm
Cable assignment	white = + green = - green red = - red blue = - blue yellow = - white
Design of the connecting cable	both sides
Bulb change possible	No
Rated life time L70/B50 at 25 °C	168,000 h
Rated life time L80/B10 at 25 °C	113.000 h

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Operating technology of QualityFlex	
Power per meter	14.4 W/m
Short Pitch	16.7 mm
Number of lamps per meter	60 Qty
Length of individual sections	200 mm
Smallest bend radius	60 mm
Control	Negative (5-core)
Length	5,000 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	5050 LED

Packing data	
Gross weight	0.555 kg
Length of packaging	250 mm
Packaging width	280 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
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
17227000	1 W	320 W	on/off	252 mm	90 mm	44 mm
17228000	1 W	480 W	on/off	262 mm	125 mm	44 mm
17240000	1 W	20 W	on/off	150 mm	40 mm	30 mm
17241000	1 W	40 W	on/off	210 mm	40 mm	30 mm
17242000	1 W	60 W	on/off	250 mm	40 mm	30 mm
17243000	1 W	120 W	on/off	300 mm	40 mm	30 mm
17244000	1 W	150 W	on/off	310 mm	40 mm	30 mm
17260000	1 W	150 W	on/off	105 mm	90 mm	59 mm

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 29.08.2024 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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Compatible Conroller						
Article no.	Power min	Power	Control	Length	Width	Hight
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
18155000	1 W	240 W	DALI-2	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
18165000	1 W	240 W	DALI-2	54 mm	110 mm	66 mm
18223000	1 W	240 W	Wireless technology control			
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
17290000	1 W	100 W	DALI-2	244 mm	64 mm	32 mm
17291000	1 W	200 W	DALI-2	330 mm	79 mm	39 mm

Compatible Profiles				
Short description	Series name	Length	Width	Hight
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
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
Flat profile P76-16 53756070	P76-16	2,000 mm	20.5 mm	3.8 mm