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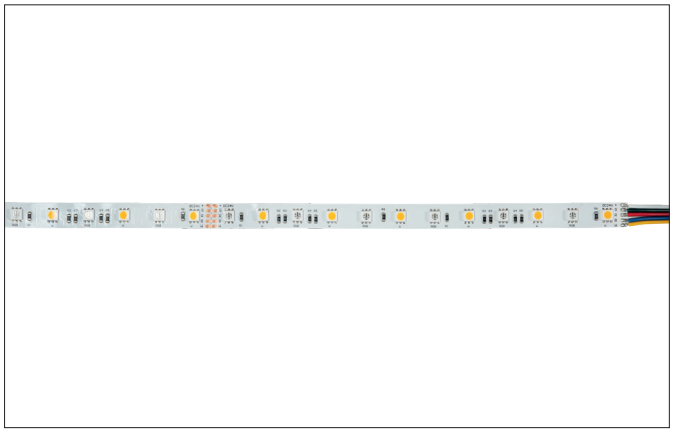
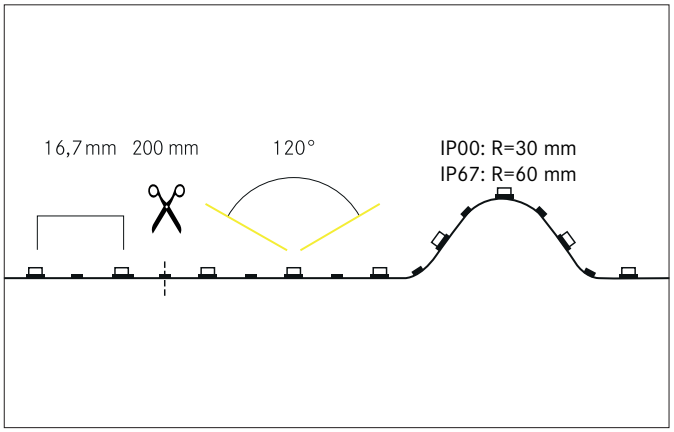
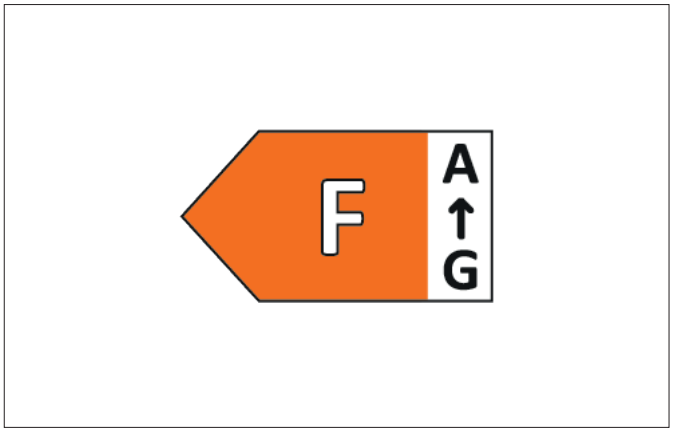
QUALITYFLEX ONE RGBW LED flex board 5 m, 14.4 W / m, IP00

Article no. 38204002







Tender
RGBW LED flex board 5 m, 14.4 W / m, IP00, white, Light colour: RGBW, 3.000K, CRI > 90. Length: 5000 mm . Lamp power per meter: 14.4 W/m, Luminous flux per meter: 620.0 lm/m, Degree of protection: IP00, 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. The maximum system length of 5.000 mm must not be exceeded with one feed-in.

Product Benefits

- Dynamic color accents with red, green, blue and white.
- Suitable for indoor use (IP00).
- Ideal for color accentuation in living areas or restaurants.
- Decorative lighting and accent lighting of light coves, linear applications and backlighting.
- Compatible with our 4-channel 24 V DC controllers, RGBW.

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 are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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Article no. 38204002

Article data	
Article no.	38204002
GTIN	4251433942023
Series name	QUALITYFLEX ONE
Short description	RGBW LED flex board 5 m, 14.4 W / m, IP00
Colour	white
Length	5,000 mm
Width	12 mm
Hight	2.1 mm
Scope of delivery	incl. 1 x assembly instructions, 5 x identification labels
Weight	0.154 kg
Length of the connection line	350 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGBW
Light colour	RGBW
Luminous flux per meter	620 lm/m
Luminous flux red	85 lm/m
Luminous flux green	210 lm/m
Luminous flux blue	40 lm/m
System efficiency	43 lm/W
McAdam-Step	McAdam-Step 5
Colour rendering	CRI > 90
Beam angle	120°
Wavelength blue	460-470 nm
Wellenlänge rot	615-625 nm
Wavelength green	520-530 nm
Adjustable color temperature	No

Operating technology of the luminaire	
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP00
Ambient temperature	-10°C up to +40°C
Dimmable	Yes
Number of poles	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	On both sides
Bulb change possible	No
Rated life time L70/B50 at 25 °C	168,000 h
Rated life L80/B10 at 25 °C	113,000 h
Energy efficiency class	F

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Article no. 38204002

Operating technology of QualityFlex	
Lamp 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	30 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	0.188 kg
Length of packaging	220 mm
Packaging width	240 mm
Packaging hight	15 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.	min.	max.				
17206000						
17207000						
17214000						
17223000						
17224000						
17225000						
17226000						
17227000						
17228000						
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						

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Article no. 38204002

Compatible Conroller						
Article no.	Power min.	Power max.	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	145 mm	47 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
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				
Recessed profile 53654070				
LED recessed profile 53759070				
Wall recessed profile 53650260				
Plaster profile 53655070				
Plaster profile 53656070				
Surface-mounted profile 53602070				
Surface-mounted profile 53603070				
LED surface-mounted profile 53606070				
Surface-mounted profile 53607080				
Surface-mounted profile, flat 53380261				
Surface-mounted profile, high 53381302				
Surface-mounted corner profile 53702070				
Surface-mounted corner profile 53703260				
Surface-mounted corner profile 53385261				
Wall surface-mounted profile 53754070				
Wall surface-mounted profile 53751260				
Flat profile P76-16 53756070				

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