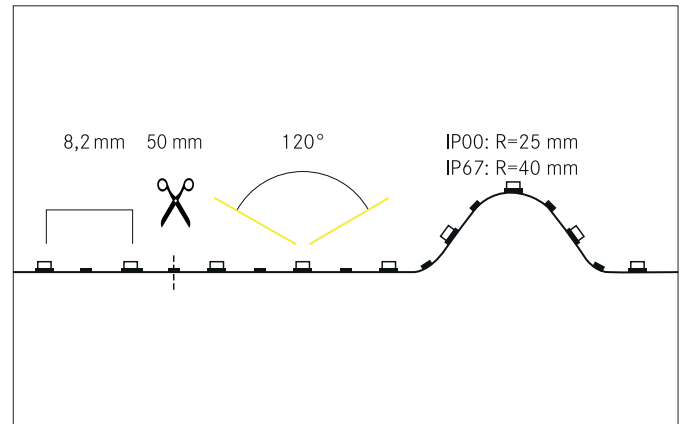
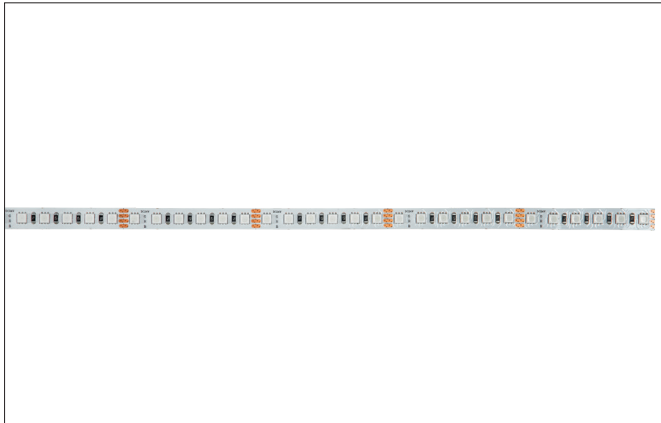




QUALITYFLEX Individual RGB LED flex lighting, 5 m, 14.4 W / m, IP00

Article no. 15209001



Tender

RGB LED flex lighting, 5 m, 14.4 W / m, IP00, white, Light colour: RGB, . LED flex lighting for decorative, technical as well as efficient lighting of light coves, linear applications and backlighting, basic or general lighting of rooms, architectural applications and for areas where high illumination is required, such as indirect or direct lighting, luminous ceilings, gastronomy lighting and much more. Length: 5000 mm . Lamp power per meter: 14.4 W/m, Degree of protection: IP00, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 120 LEDs per meter, Chip distance (Short Pitch) : 8,2mm. For individual application, the LED flex board can be used all 50 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 in red, green, blue.
- SMD LED 3838 chip for harmonious lighting effects.
- Suitable for indoor applications (IP00).
- Ideal for color accentuation in living areas or hotels and restaurants.
- Decorative lighting and accent lighting of light coves, linear applications and backlighting.
- Ideal for use in gaming or entertainment.
- Compatible with our 3-channel 24 V DC controllers, RGB.


QUALITYFLEX Individual RGB LED flex lighting, 5 m, 14.4 W / m, IP00

Article no. 15209001

Article data	
Article no.	15209001
GTIN	4251433942030
Series name	QUALITYFLEX Individual
Short description	RGB LED flex lighting, 5 m, 14.4 W / m, IP00
Colour	white
Length	5,000 mm
Width	8 mm
Height	2 mm
Scope of delivery	incl. 1 x assembly instructions, 5 x identification labels
Weight	0.133 kg
Length of the connection line	350 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGB
Light colour	RGB
Luminous flux red	120 lm/m
Luminous flux green	475 lm/m
Luminous flux blue	98 lm/m
System efficiency	14 lm/W
Beam angle	120°
Wavelength blue	455-465 nm
Wellenlänge rot	620-630 nm
Wavelength green	520-530 nm
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	IP00
Ambient temperature	-10°C up to +40°C
Dimmable	Yes
Wire number	4
Control	Depending on driver
Length of the connection line	350 mm
Cable assignment	white = + blue = - blue green = - green red = - red
Design of the connecting cable	On both sides
Bulb change possible	No
Rated life time L70/B50 at 25 °C	50,000 h
Rated life L80/B10 at 25 °C	50,000 h
Energy efficiency class	not required


QUALITYFLEX Individual RGB LED flex lighting, 5 m, 14.4 W / m, IP00

Article no. 15209001

Operating technology of QualityFlex	
Power per meter	14.4 W/m
Short Pitch	8.2 mm
Number of lamps per meter	120 Qty
Length of individual sections	50 mm
Smallest bend radius	25 mm
Control	Negative (4-core)
Length	5,000 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	3838_LED

Packing data	
Gross weight	0.166 kg
Length of packaging	220 mm
Packaging width	240 mm
Packaging height	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						
17230000	5 W	30 W	Trailing-edge phase	145 mm	50 mm	22 mm
17231000	12 W	75 W	Trailing-edge phase	185 mm	60 mm	31 mm
17232000	12 W	120 W	Trailing-edge phase	223 mm	64 mm	32 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
17250000	1 W	45 W	DALI-2	187 mm	45 mm	31 mm
17251000	1 W	80 W	DALI-2	290 mm	45 mm	31 mm
17252000	1 W	150 W	DALI-2	290 mm	45 mm	31 mm
17260000						


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QUALITYFLEX Individual RGB LED flex lighting, 5 m, 14.4 W / m, IP00

Article no. 15209001

Compatible Controller						
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
18157000	1 W	240 W	ZigBee	145 mm	46.5 mm	16 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
18233000	120 W	240 W	Wireless technology control			
18192000	1 W	240 W	Wireless technology control	160 mm	45 mm	18 mm


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Article no. 15209001

Compatible Profiles				
Short description				
Recessed profile 53654070				
LED recessed profile 53759070				
Wall recessed profile 53650260				
Plaster profile 53655070				
Plaster profile 53656070				
Surface-mounted profile 53600070				
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 53700070				
Surface-mounted corner profile 53702070				
Surface-mounted corner profile 53703260				
Surface-mounted corner profile 53385261				
Flexible profile 53753260				
Wall surface-mounted profile 53754070				
Wall surface-mounted profile 53751260				
Flat profile P76-16 53756070				
Surface-mounted round profile 53760260				