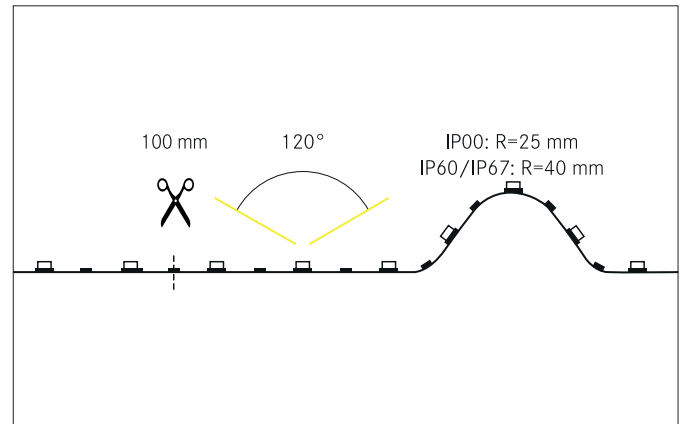
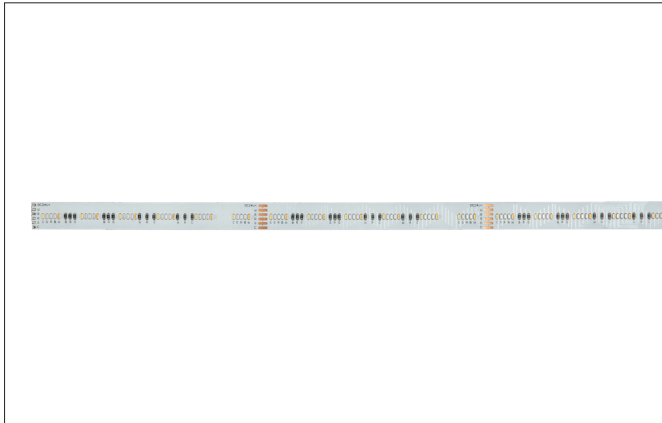




QUALITYFLEX Individual LED flex lighting Single RGB+TW, 100 mm, 24 W / m, IP00
Article no. 75506002



Tender

LED flex lighting Single RGB+TW, 100 mm, 24 W / m, IP00, white, Light colour: RGB-TW, 5.700K-2.700K, CRI > 90. 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: 100 mm . Lamp power per meter: 24.0 W/m, Degree of protection: IP00, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 300 LEDs per meter, Chip distance (Short Pitch) : 16,5mm. For individual application, the LED flex board can be used all 100 mm be cut back. The maximum system length of 5.000 mm must not be exceeded with one feed-in.

Product Benefits

- Dynamic colored light for accent and dynamic white light for lighting applications in one LED flex lighting.
- Unique LED chip design for clear lighting effects.
- Light colors: red / green / blue / cool white (5700 Kelvin) / warm white (2700 Kelvin).
- Suitable for indoor applications (IP00).
- Divisible every 100 mm.
- Compatible with our 5-channel 24 V DC controllers, RGB+TW.



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Article data	
Article no.	75506002
GTIN	4251433945130
Series name	QUALITYFLEX Individual
Short description	LED flex lighting Single RGB+TW, 100 mm, 24 W / m, IP00
Colour	white
Length	100 mm
Width	12 mm
Height	2 mm
Scope of delivery	Including 1 x mounting instruction
Weight	0.003 kg
Length of the connection line	350 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGB + TunableWhite
Light colour	RGB-TW
Color Temperature 1	2,700 K
Color Temperature 2	5,700 K
Luminous flux	400 - 408 lm/m
Luminous flux 1	400 lm/m
Luminous flux 2	408 lm/m
Luminous flux red	130 lm/m
Luminous flux green	360 lm/m
Luminous flux blue	82 lm/m
System efficiency	17 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Beam angle	120°
Adjustable color temperature	Infinite control

Operating technology of the luminaire	
System output	120 W
Lamp power per meter	24 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	6
Control	Depending on driver
Length of the connection line	350 mm
Cable assignment	brown = + yellow = - white blue = - blue red = - red green = - green white = - warm white
Design of the connecting cable	one-sided
Bulb change possible	No
Rated life time L70/B50 at 25 °C	52,000 h
Rated life time L80/B10 at 25 °C	30.000 h
Energy efficiency class	not required



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Operating technology of QualityFlex	
Power per meter	24 W/m
Short Pitch	16.5 mm
Number of lamps per meter	300 Qty
Length of individual sections	100 mm
Smallest bend radius	25 mm
Control	Negative (6-core)
Length	100 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	2110 LED

Packing data	
Gross weight	0.006 kg
Length of packaging	70 mm
Packaging width	45 mm
Packaging height	80 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.						
17206000						
17207000						
17214000						
17223000						
17224000						
17225000						
17226000						
17240000						

Compatible Controller						
Article no.	Power min	Power	Control	Length	Width	Height
18157000	1 W	240 W	ZigBee	145 mm	46.5 mm	16 mm
18190000	120 W	240 W	Wireless technology control	170 mm	59 mm	29 mm



QUALITYFLEX Individual LED flex lighting Single RGB+TW, 100 mm, 24 W / m, IP00
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Compatible Profiles				
Short description				
Recessed profile 53654070				
LED recessed profile 53759070				
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 corner profile 53702070				
Surface-mounted corner profile 53385261				
Wall surface-mounted profile 53754070				
Wall surface-mounted profile 53751260				