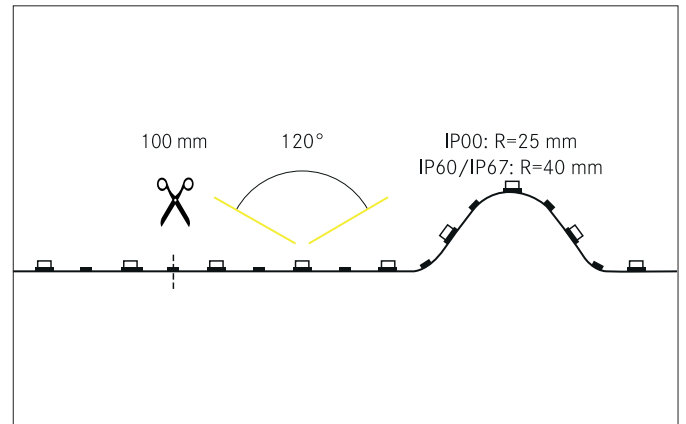
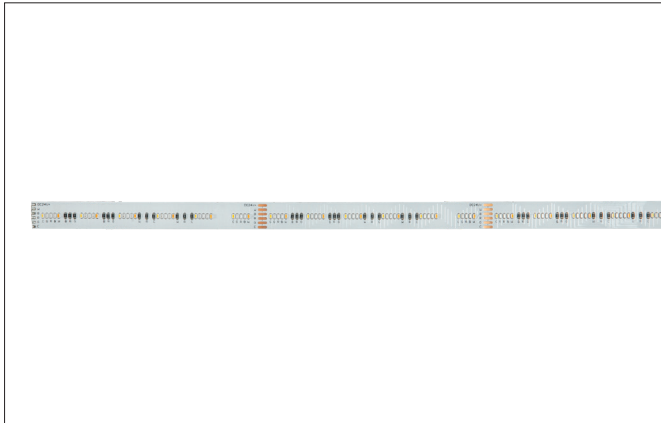


**QUALITYFLEX Individual LED flex lighting Single RGB+TW, 100 mm,
24 W / m, IP00**
Article no. 75506002

Light.
For Generations.



Tender

LED flex lighting Single RGB+TW, 100 mm, 24 W / m, IP00, rgbw, 5.700K-2.700K, CRI > 90. LED flex lighting 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: 100.0 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 5.000mm 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	RGBW
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

Lighting technology	
Colour temperature	RGBW
Light colour	RGBW
Color Temperature 1	2,700 K
Color Temperature 2	5,700 K
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	24 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Beam angle	120°

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
Kabelbelegung	braun = + gelb = - weiß blau = - blau rot = - rot grün = - grün weiß = - warmweiß
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

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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.	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			

Compatible Conroller						
Article no.	Power min	Power	Control	Length	Width	Hight
18157000	48 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
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
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
18163000	1 W	240 W	DMX	54 mm	110 mm	66 mm
18164000	1 W	240 W	1-10 V	54 mm	110 mm	66 mm

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Compatible Profiles				
Short description	Series name	Length	Width	Hight
Surface-mounted profile	P04-14	2,000 mm	24 mm	9 mm
Surface-mounted profile	P06-20	2,000 mm	23 mm	25.1 mm
LED surface-mounted profile	P30-30	2,000 mm	33.4 mm	29.6 mm
Surface-mounted profile	P16-16	2,000 mm	18.8 mm	18.6 mm
Recessed profile	P34-14	2,000 mm	28 mm	8 mm
Recessed profile	P36-20	2,000 mm	30 mm	20.4 mm
LED recessed profile	P40-30	2,000 mm	44.4 mm	24 mm
Plaster profile	P37-30	2,000 mm	63.4 mm	15.9 mm
Plaster profile	P38-30	2,000 mm	63.4 mm	24 mm
Surface-mounted corner profile	P62-14	2,000 mm	24 mm	19.4 mm
Surface-mounted corner profile	ONE		24 mm	19.4 mm
Wall surface-mounted profile	P73-12	2,000 mm	17.8 mm	46.1 mm
Wall surface-mounted profile	P74-14	2,000 mm	18.5 mm	55 mm
Ceiling recessed profile with wall mounting	P75-14	2,000 mm	28 mm	28 mm