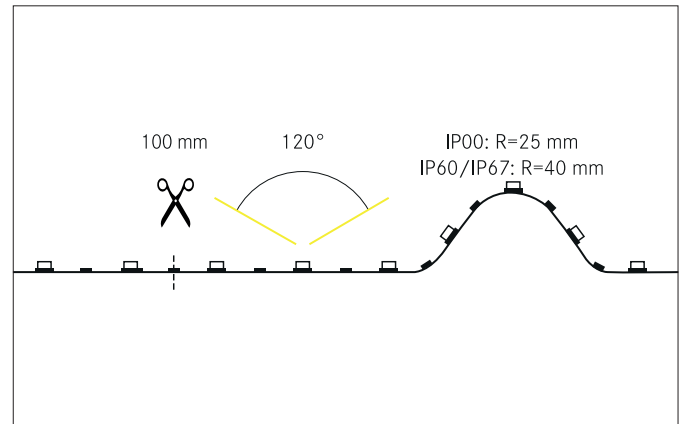
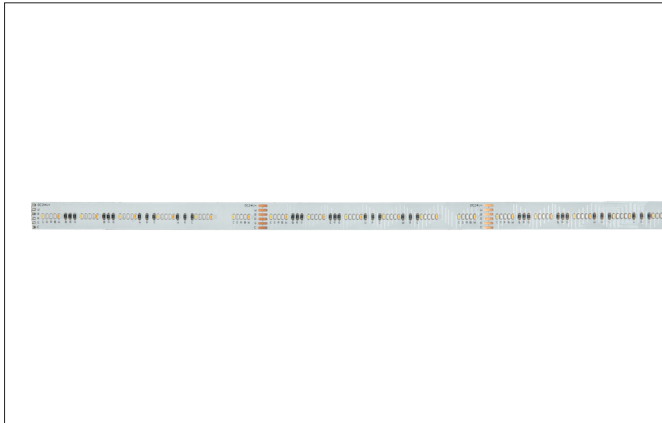


**QUALITYFLEX Individual LED flex lighting Single RGB+TW, 100 mm,
 24 W / m, IP00**
 Article no. 75506002



Tender

LED flex circuit board Single RGB+TW, 100 mm, 24 W / m, IP00, LED white light, 5,700K-2,700K, CRI > 90 LED flex circuit board for decorative, technical and efficient illumination of cove lighting, linear applications and backlighting, ambient and general lighting of rooms, architectural applications and for areas where high illumination is required, such as indirect or direct lighting, luminous ceilings, restaurant lighting and much more. Length: 100.0 mm Lamp wattage per meter: 24.0 W/m, degree of protection on room side: IP00, protection class: III, voltage: 24V DC, beam angle: 120.0 °, 300 LEDs per meter, chip spacing (short pitch): 16.5mm. The LED flex board can be shortened every 100 mm for individual applications. The maximum system length of 5,000mm must not be exceeded with one feed.

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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24 W / m, IP00**

Article no. 75506002

Article data	
Article no.	75506002
GTIN	425 1433945 130
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 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°
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	nicht erforderlich

QUALITYFLEX Individual LED flex lighting Single RGB+TW, 100 mm,**24 W / m, IP00**

Article no. 75506002

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	<p>This product must not be disposed of with household waste. You are obliged, to dispose of such electrical waste separately.</p> <p>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.</p>

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 Controller						
Article no.	Power min	Power	Control	Length	Width	Hight
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

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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 53602070	P04-14	2,000 mm	24 mm	9 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
Surface-mounted corner profile 53702070	P62-14	2,000 mm	24 mm	19.4 mm
Surface-mounted corner profile 53385261	ONE		24 mm	19.4 mm
Wall surface-mounted profile 53754070	P73-12	2,000 mm	17.8 mm	46.1 mm
Wall surface-mounted profile 53751260	P74-14	2,000 mm	18.5 mm	55 mm