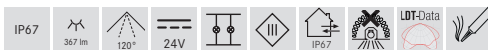
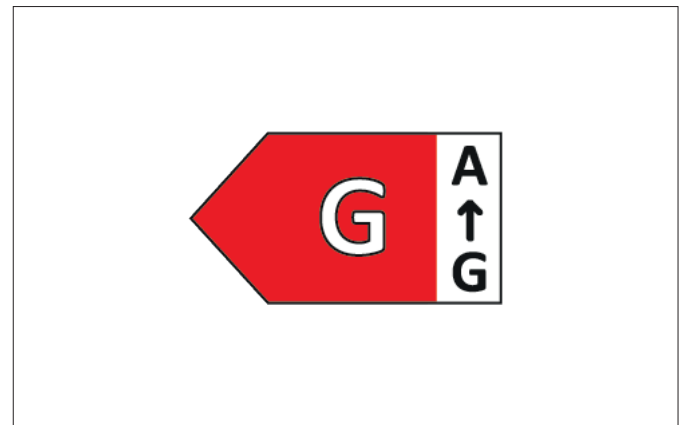
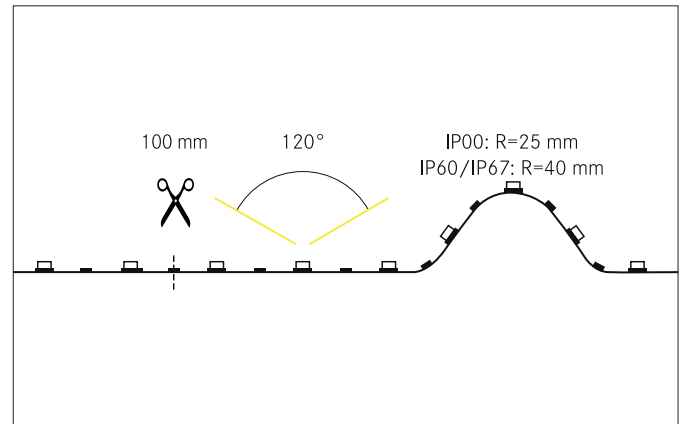
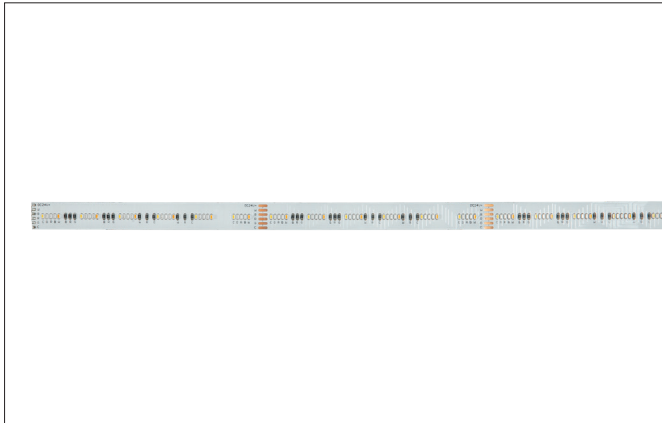




QUALITYFLEX Individual LED flex board single RGB+TW, 5 m, 24 W / m, IP67

Article no. 18576002



Tender

LED flex lighting Single RGB+TW, 5 m, 24 W / m, IP67, 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: 5000 mm . Lamp power per meter: 24.0 W/m, Degree of protection: IP67, 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. If the LED flex board is shortened, the IP protection must be restored by the customer. The maximum system length of 5.000 mm must not be exceeded with one feed-in.

Product Benefits

- Dynamic colored light for accentuation and dynamic white light for light for lighting applications in a LED flex board.
- Unique LED chip design for clear lighting effects.
- Light colors: red / green / blue / cool white (5,700 Kelvin) / warm white (2,700 Kelvin).
- Suitable for indoor and outdoor applications (IP67).
- Divisible every 100 mm.
- Compatible with our 5-channel 24 V DC controllers, RGB+TW.


QUALITYFLEX Individual LED flex board single RGB+TW, 5 m, 24 W / m, IP67

Article no. 18576002

Article data	
Article no.	18576002
GTIN	4251433943228
Series name	QUALITYFLEX Individual
Short description	LED flex board single RGB+TW, 5 m, 24 W / m, IP67
Colour	white
Length	5,000 mm
Width	14.5 mm
Hight	4.8 mm
Scope of delivery	incl. 5 x end caps, 10 x plastic clips, 20 x screws, 1 x installation instructions, 5 x identification labels
Weight	0.495 kg
Length of the connection line	350 mm
Wide-fitting end cap	16.5 mm
Height of the fitted end cap	7 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	302 - 367 lm/m
Luminous flux 1	302 lm/m
Luminous flux 2	367 lm/m
Luminous flux red	115 lm/m
Luminous flux green	322 lm/m
Luminous flux blue	72 lm/m
System efficiency	15 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	IP67
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	on both sides
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	G


QUALITYFLEX Individual LED flex board single RGB+TW, 5 m, 24 W / m, IP67

Article no. 18576002

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	40 mm
Control	Negative (6-core)
Length	5,000 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	2110 LED

Packing data	
Gross weight	0.537 kg
Length of packaging	280 mm
Packaging width	260 mm
Packaging height	20 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	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

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				