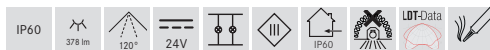
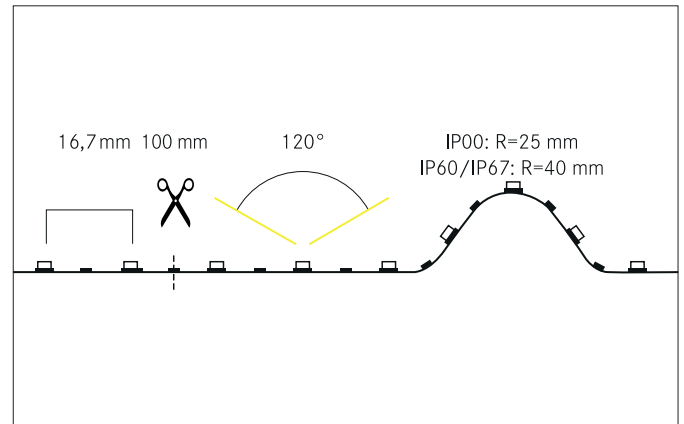
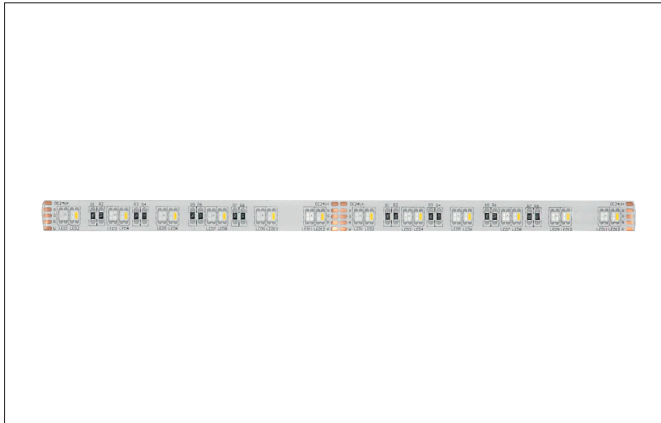




QUALITYFLEX Individual RGBW LED flex lighting, 5 m, 17 W / m, IP60

Article no. 18523002



Tender

RGBW LED flex lighting, 5 m, 17 W / m, IP60, white, Light colour: RGBW, 5.500K, CRI > 80. 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: 17.0 W/m, Degree of protection: IP60, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 120 LEDs per meter, Chip distance (Short Pitch) : 16,7mm. 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

- Color play and ambient lighting in an LED flex board.
- Efficient, variable illumination of light coves, linear applications, luminous ceilings and backlighting.
- Light colors: red / green / blue / white (5,500 Kelvin).
- Countless mixed colors can be implemented.
- Suitable for indoor applications (IP60).
- Divisible every 100 mm.
- Compatible with our 4-channel 24 V DC controllers, RGBW.


QUALITYFLEX Individual RGBW LED flex lighting, 5 m, 17 W / m, IP60

Article no. 18523002

Article data	
Article no.	18523002
GTIN	4250047703723
Series name	QUALITYFLEX Individual
Short description	RGBW LED flex lighting, 5 m, 17 W / m, IP60
Colour	white
Length	5,000 mm
Width	10 mm
Hight	3.2 mm
Scope of delivery	incl. 1 x assembly instructions, 5 x identification labels
Weight	0.23 kg
Length of the connection line	350 mm
Wide-fitting end cap	11.5 mm
Height of the fitted end cap	4.5 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGBW
Light colour	RGBW
Luminous flux	378 lm
Luminous flux red	110 lm/m
Luminous flux green	250 lm/m
Luminous flux blue	42 lm/m
System efficiency	22 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 80
Beam angle	120°
Wavelength blue	455-475 nm
Wellenlänge rot	620-640 nm
Wavelength green	520-540 nm
Adjustable color temperature	No

Operating technology of the luminaire	
System output	85 W
Lamp power per meter	17 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP60
Ambient temperature	-10°C up to +40°C
Dimmable	Yes
Wire number	5
Control	Depending on driver
Length of the connection line	350 mm
Cable assignment	brown = + white = - 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 RGBW LED flex lighting, 5 m, 17 W / m, IP60

Article no. 18523002

Operating technology of QualityFlex	
Power per meter	17 W/m
Short Pitch	16.7 mm
Number of lamps per meter	120 Qty
Length of individual sections	100 mm
Smallest bend radius	40 mm
Control	Negative (5-core)
Length	5,000 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	LED double chip RG+BNW

Packing data	
Gross weight	0.268 kg
Length of packaging	220 mm
Packaging width	240 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.	min.	max.				
17206000						
17207000						
17214000						
17223000						
17224000						
17225000						
17226000						
17227000						
17228000						
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
17260000						


QUALITYFLEX Individual RGBW LED flex lighting, 5 m, 17 W / m, IP60

Article no. 18523002

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
18155000	1 W	240 W	DALI-2	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
18164000	1 W	240 W	1-10 V	54 mm	110 mm	66 mm
18165000	1 W	240 W	DALI-2	54 mm	110 mm	66 mm
18223000	1 W	240 W	Wireless technology control	145 mm	47 mm	16 mm
18157000	1 W	240 W	ZigBee	145 mm	46.5 mm	16 mm
18192000	1 W	240 W	Wireless technology control	160 mm	45 mm	18 mm
17290000	1 W	100 W	DALI-2	244 mm	64 mm	32 mm
17291000	1 W	200 W	DALI-2	330 mm	79 mm	39 mm

Compatible Profiles				
Short description				
Recessed profile 53654070				
LED recessed profile 53759070				
Wall recessed profile 53650260				
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				
Flexible profile 53753260				
Wall surface-mounted profile 53754070				
Wall surface-mounted profile 53751260				
Surface-mounted round profile 53760260				