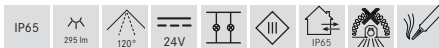
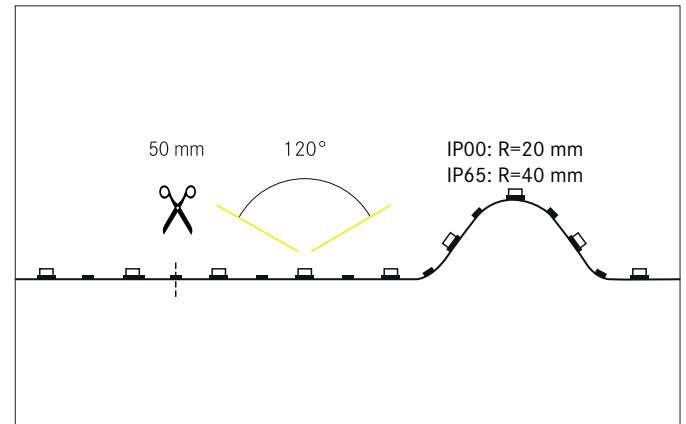




QUALITYFLEX COB-Vision RGBW LED flex board, 50 mm CRI > 90,

16 W / m, IP65

Article no. 75577002



Tender

RGBW LED flex board, 50 mm CRI > 90, 16 W / m, IP65, LED white light, 3,000K, CRI > 90 LED flex board, length: 50.0 mm Lamp wattage per meter: 16.0 W/m, degree of protection on room side: IP65, protection class: III, voltage: 24V DC, beam angle: 120.0 °, 560 LEDs per meter, chip spacing (short pitch): 1.79mm. The LED flex board can be shortened every 50 mm for individual applications. The maximum system length of 5,000mm must not be exceeded with one feed.

Product Benefits

- Effective play of colors and white light in one LED flex board.
- RGBW chip-on-board LED assembly for homogeneous light pattern.
- Varied illumination of light coves, linear applications and luminous ceilings.
- Light colors: red / green / blue / white.
- Countless mixed colors can be implemented.
- Suitable for indoor and outdoor applications (IP65).
- Compatible with our 4-channel 24 V DC controllers, RGBW.


**QUALITYFLEX COB-Vision RGBW LED flex board, 50 mm CRI > 90,
 16 W / m, IP65**

Article no. 75577002

Article data	
Article no.	75577002
GTIN	4251433955061
Series name	QUALITYFLEX COB-Vision
Short description	RGBW LED flex board, 50 mm CRI > 90, 16 W / m, IP65
Colour	white
Length	50 mm
Width	14 mm
Height	5 mm
Scope of delivery	incl. 1 x assembly instructions
Weight	0.042 kg
Length of the connection line	500 mm
Wide-fitting end cap	14.5 mm
Height of the fitted end cap	7 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGBW
Light colour	RGBW
Luminous flux	295 lm
Luminous flux red	125 lm/m
Luminous flux green	265 lm/m
Luminous flux blue	73 lm/m
System efficiency	18 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Beam angle	120°
Adjustable color temperature	No

Operating technology of the luminaire	
System output	80 W
Lamp power per meter	16 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP65
Ambient temperature	-10°C up to +40°C
Dimmable	Yes
Wire number	5
Control	Depending on driver
Length of the connection line	500 mm
Cable assignment	black = + white = - white blue = - blue green = - green red = - red
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


QUALITYFLEX COB-Vision RGBW LED flex board, 50 mm CRI > 90,
16 W / m, IP65

Article no. 75577002

Operating technology of QualityFlex	
Power per meter	16 W/m
Short Pitch	1.79 mm
Number of lamps per meter	560 Qty
Length of individual sections	50 mm
Smallest bend radius	40 mm
Control	Negative (5-core)
Length	50 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	COB-LED

Packing data	
Gross weight	0.09 kg
Length of packaging	250 mm
Packaging width	250 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						
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 COB-Vision RGBW LED flex board, 50 mm CRI > 90,
16 W / m, IP65**

Article no. 75577002

Compatible Controller						
Article no.		Power	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				
Plaster profile 53655070				
Plaster profile 53656070				
Surface-mounted profile 53603070				
LED surface-mounted profile 53606070				
Surface-mounted profile, high 53381302				