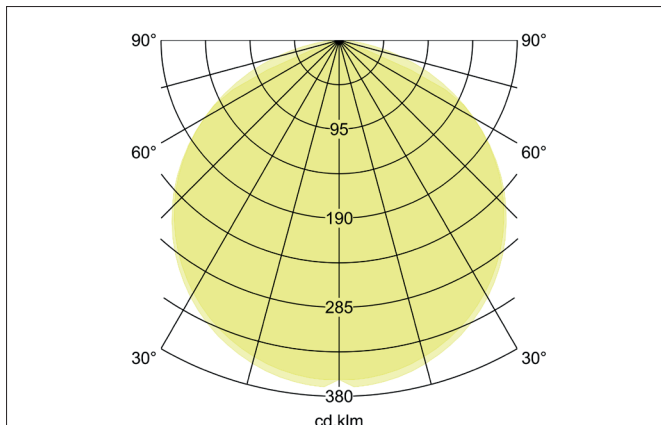
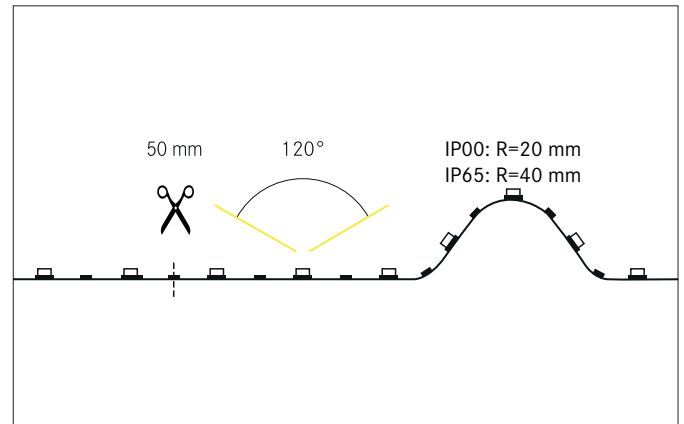
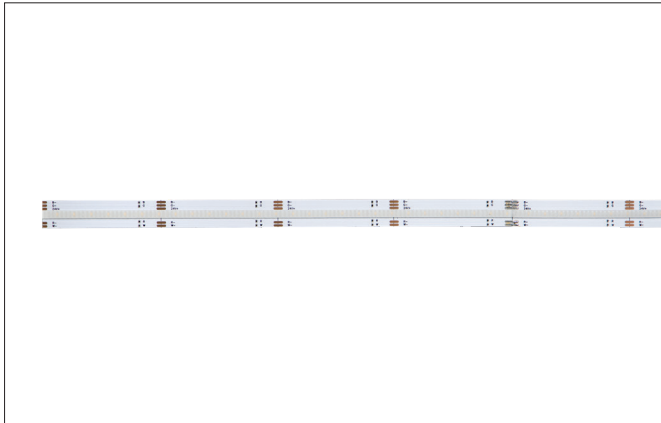


**QUALITYFLEX COB-Vision RGBW Flex lighting 5 m, CRI > 90, 16 W / m, IP00**  
 Article no. 18507002



#### Tender

RGBW Flex lighting 5 m, CRI > 90, 16 W / m, IP00, white, 3.000K, CRI > 90. LED flex lighting Length: 5000.0 mm Lamp power per meter: 16.0 W/m, Degree of protection: IP00, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 560 LEDs per meter, Chip distance (Short Pitch) : 1,79mm. For individual application, the LED flex board can be used all 50 mm be cut back. The maximum system length of 5.000mm must not be exceeded with one feed-in.

#### Product Benefits

- Effective color play and white light in one LED flex board.
- RGBW chip-on-board LED assembly for homogeneous light pattern.
- Variant illumination of light coves, linear applications and light ceilings.
- Light colors: red / green / blue / white.
- Countless mixed colors convertible.
- Suitable for indoor use (IP00).
- Compatible with our 4 channel 24 V DC controllers, RGBW.

**QUALITYFLEX COB-Vision RGBW Flex lighting 5 m, CRI > 90, 16 W / m, IP00**  
 Article no. 18507002

Article data	
Article no.	18507002
GTIN	425 1433955023
Series name	QUALITYFLEX COB-Vision
Short description	RGBW Flex lighting 5 m, CRI > 90, 16 W / m, IP00
Colour	White
Length	5,000 mm
Width	12 mm
Hight	2 mm
Scope of delivery	incl. 1 x mounting instructions, 5 x identification labels
Weight	0.149 kg
Length of the connection line	500 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGBW
Light colour	RGBW
Luminous flux 1	324 lm/m
Luminous flux red	136 lm/m
Luminous flux green	292 lm/m
Luminous flux blue	80 lm/m
System efficiency	16 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	IP00
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	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	F

**QUALITYFLEX COB-Vision RGBW Flex lighting 5 m, CRI > 90, 16 W / m, IP00**  
 Article no. 18507002

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

Packing data	
Gross weight	0.178 kg
Length of packaging	210 mm
Packaging width	200 mm
Packaging height	20 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
17227000	1 W	320 W	on/off	252 mm	90 mm	44 mm
17228000	1 W	480 W	on/off	262 mm	125 mm	44 mm
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	1 W	150 W	on/off	105 mm	90 mm	59 mm

**QUALITYFLEX COB-Vision RGBW Flex lighting 5 m, CRI > 90, 16 W / m, IP00**

Article no. 18507002

Compatible Controller						
Article no.	Power min	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			
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	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
Wall recessed profile 53650260	P32-12	2,000 mm	19.1 mm	81 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 profile, high 53381302	ONE		17.6 mm	15.9 mm
Surface-mounted corner profile 53702070	P62-14	2,000 mm	24 mm	19.4 mm
Surface-mounted corner profile 53703260	P63-14	2,000 mm	17.5 mm	17.5 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