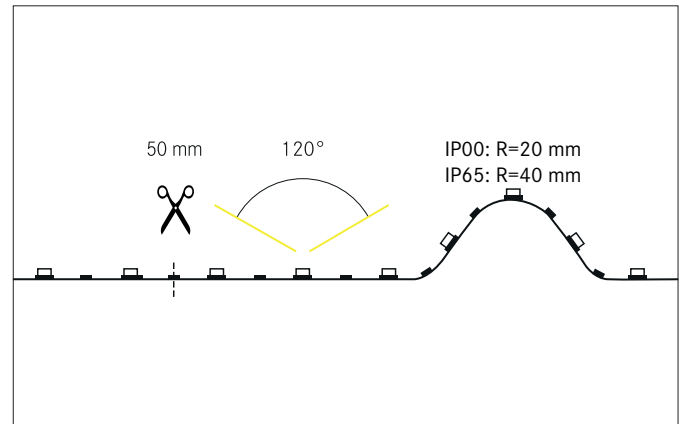


QUALITYFLEX COB-Vision RGBW Flex lighting , 50 mm CRI > 90, 16
W / m, IP65

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 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 (IP67).
- Compatible with our 4 channel 24 V DC controllers, RGBW.

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Article data	
Article no.	75577002
GTIN	4251433955061
Series name	QUALITYFLEX COB-Vision
Short description	RGBW Flex lighting , 50 mm CRI > 90, 16 W / m, IP65
Colour	White
Length	50 mm
Width	14 mm
Hight	5 mm
Scope of delivery	Including 1 x mounting instruction
Weight	0.042 kg
Length of the connection line	500 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	RGBW
Light colour	RGBW
Luminous flux	295 lm/m
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
Rated life time L70/B50 at 25 °C	52,000 h
Rated life time L80/B10 at 25 °C	30.000 h

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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	<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 , 50 mm CRI > 90, 16**W / m, IP65**

Article no. 75577002

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
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 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, high 53381302	ONE		17.6 mm	15.9 mm