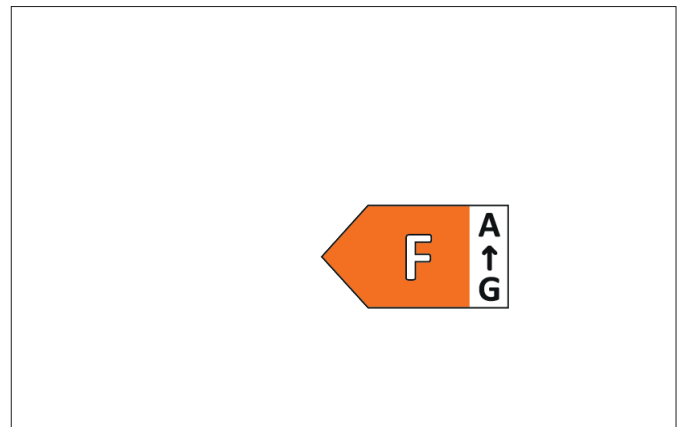
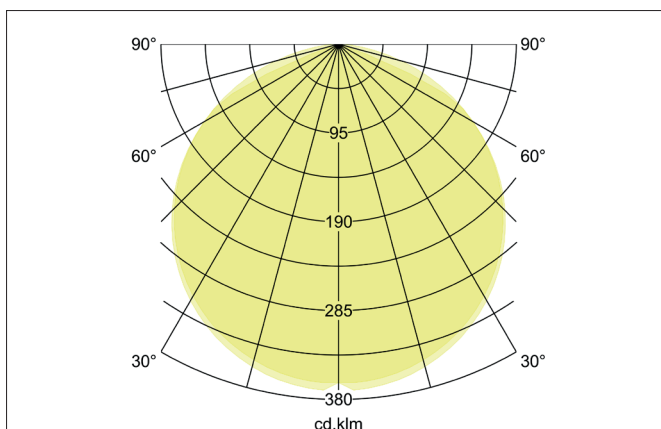
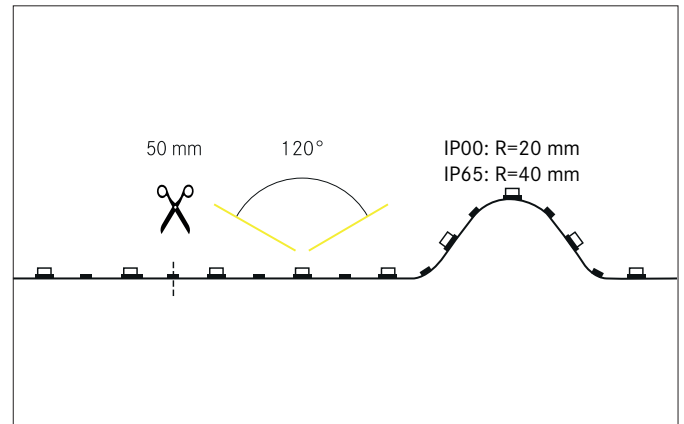


QUALITYFLEX COB-Vision RGBW Flex lighting 5 m, CRI > 90, 16 W / m, IP00
Article no. 18507002

Light.
For Generations.



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 covers, 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.

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Article no. 18507002

Light.
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Article data	
Article no.	18507002
GTIN	4251433955023
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
Height	2 mm
Scope of delivery	incl. 1 x mounting instructions, 5 x identification labels
Weight	0.125 kg
Length of the connection line	500 mm

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
Kabelbelegung	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

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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	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	0.15 kg
Length of packaging	210 mm
Packaging width	200 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.	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
17240000			on/off			

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	0 W	240 W	Wireless technology control			
18157000	48 W	240 W	ZigBee	145 mm	46.5 mm	16 mm
18192000	120 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

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Compatible Profiles				
Short description	Series name	Length	Width	Hight
Surface-mounted profile	P04-14	2,000 mm	24 mm	9 mm
Surface-mounted profile	P06-20	2,000 mm	23 mm	25.1 mm
LED surface-mounted profile	P30-30	2,000 mm	33.4 mm	29.6 mm
Surface-mounted profile	P16-16	2,000 mm	18.8 mm	18.6 mm
Surface-mounted profile, high	ONE		17.6 mm	15.9 mm
Recessed profile	P34-14	2,000 mm	28 mm	8 mm
Recessed profile	P36-20	2,000 mm	30 mm	20.4 mm
LED recessed profile	P40-30	2,000 mm	44.4 mm	24 mm
Plaster profile	P37-30	2,000 mm	63.4 mm	15.9 mm
Plaster profile	P38-30	2,000 mm	63.4 mm	24 mm
Wall recessed profile	P32-12	2,000 mm	19.1 mm	81 mm
Surface-mounted corner profile	P62-14	2,000 mm	24 mm	19.4 mm
Surface-mounted corner profile	P63-14	2,000 mm	17.5 mm	17.5 mm
Surface-mounted corner profile	ONE		24 mm	19.4 mm
Wall surface-mounted profile	P73-12	2,000 mm	17.8 mm	46.1 mm
Wall surface-mounted profile	P74-14	2,000 mm	18.5 mm	55 mm
Ceiling recessed profile with wall mounting	P75-14	2,000 mm	28 mm	28 mm