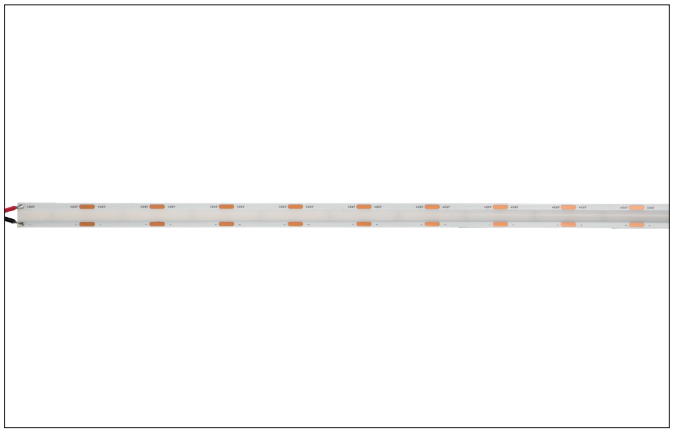
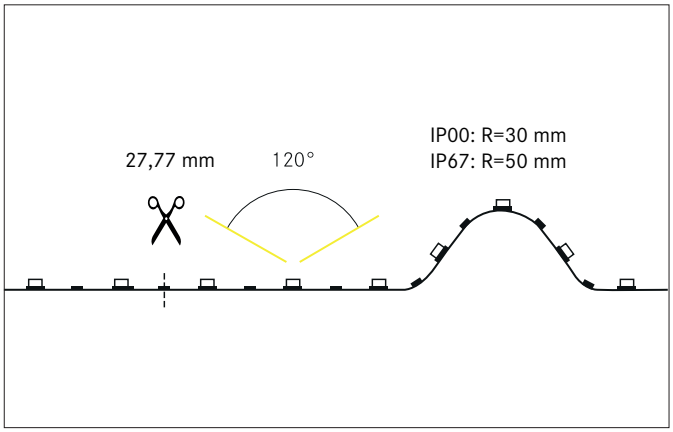
QUALITYFLEX COB-Vision HE LED flex board, 27.77 m, CRI > 90, 15 W / m, IP67

Article no. 75577003





Tender
LED flex board, 27.77 m, CRI > 90, 15 W / m, IP67, white, Light colour: white, 3.000K, CRI > 90. Length: 27.77 mm . Lamp power per meter: 15.0 W/m, Luminous flux per meter: 1925.0 lm/m, Degree of protection: IP67, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 288 LEDs per meter, Chip distance (Short Pitch) : 3,47mm. For individual application, the LED flex board can be used all 27,77 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

- Divisible every 27.77 mm.
- Suitable for indoor (IP00) and outdoor (IP67) applications.
- Up to 144 lm per watt.
- Flexible mounting in profiles due to small pitch.
- Length 5,000 mm with a pitch of 27.77 mm.
- Available in 2,700 K, 3,000 K and 4,000 K.
- Dimmable with corresponding accessories.

All technical data as well as, weight and measurements are based on rated values and had been carefully prepared. We reserve the right to make technical changes which are are important in progressing. Product pictures are examples and can vary from the original. Subject to errors.
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Article no. 75577003

Article data	
Article no.	75577003
GTIN	4255752525400
Series name	QUALITYFLEX COB-Vision HE
Short description	LED flex board, 27.77 m, CRI > 90, 15 W / m, IP67
Colour	white
Length	27.77 mm
Width	12 mm
Hight	5 mm
Scope of delivery	incl. 1 x assembly instructions
Weight	0.002 kg
Length of the connection line	300 mm
Wide-fitting end cap	12.5 mm
Height of the fitted end cap	7 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	3.000 K
Light colour	white
Luminous flux per meter	1,925 lm/m
System efficiency	128 lm/W
McAdam-Step	McAdam-Step 5
Colour rendering	CRI > 90
Beam angle	120°
Adjustable color temperature	No

Operating technology of the luminaire	
Lamp power per meter	15 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP67
Ambient temperature	-10°C up to +40°C
Dimmable	Yes
Wire number	2
Control	Depending on driver
Length of the connection line	300 mm
Cable assignment	rot = + pol schwarz = - pol
Design of the connecting cable	one-sided
Bulb change possible	No
Rated life time L70/B50 at 25 °C	161,900 h
Rated life time L80/B10 at 25 °C	75.500 h
Rated life time L80/B20 at 25 °C	81.200 h

Operating technology of QualityFlex	
Power per meter	15 W/m
Short Pitch	3.47 mm
Number of lamps per meter	288 Qty
Length of individual sections	27.77 mm
Smallest bend radius	50 mm
Length	27.77 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	COB-LED

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Article no. 75577003

Packing data	
Gross weight	0.003 kg
Length of packaging	70 mm
Packaging width	45 mm
Packaging hight	80 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	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
17230000	5 W	30 W	Trailing-edge phase	145 mm	50 mm	22 mm
17231000	12 W	75 W	Trailing-edge phase	185 mm	60 mm	31 mm
17232000	12 W	120 W	Trailing-edge phase	223 mm	64 mm	32 mm
17340000	1.5 W	30 W	on/off	135 mm	36 mm	25 mm
17341000	3 W	60 W	on/off	151.5 mm	40.2 mm	31 mm
17342000	6 W	120 W	on/off	253.2 mm	42.5 mm	31 mm
17343000	7.5 W	150 W	on/off	253.2 mm	42.5 mm	31 mm
17250000	1 W	45 W	DALI-2	187 mm	45 mm	31 mm
17251000	1 W	80 W	DALI-2	290 mm	45 mm	31 mm
17252000	1 W	150 W	DALI-2	290 mm	45 mm	31 mm
17260000	1 W	150 W	on/off	105 mm	90 mm	59 mm

Compatible Conroller						
Article no.		Power	Control	Length	Width	Hight
17502000	1 W	120 W	DALI	183 mm	33 mm	23 mm
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
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
17528000	120 W	240 W	Wireless technology control	145 mm	46.5 mm	16 mm
17511000	120 W	240 W	Wireless technology control	145 mm	46.5 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

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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				

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