

**QUALITYFLEX Protection Vertical Segment LED flex lighting 50 mm,  
CRI > 90, 15 W / m, IP67**  
Article no. 76591004

Light.  
For Generations.



#### Tender

Segment LED flex lighting 50 mm, CRI > 90, 15 W / m, IP67, tunablewhite, 6.500K-2.000K, CRI > 90. LED flex lighting for Length: 50.0 mm  
Lamp power per meter: 16.0 W/m, Degree of protection: IP67, Protection class: III, Voltage: 24V , Beam angle: 120.0 °, 240 LEDs per meter, Chip distance (Short Pitch) : 4,17mm. For individual application, the LED flex board can be used all 50 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 5.000mm must not be exceeded with one feed-in.

#### Product Benefits

- Suitable for indoor and outdoor use (IP67).
- Divisible every 50 mm (IP65 protection).
- Ideal for terraces, facades and pool areas.
- Color temperature: 2000 K to 6500 K.
- Lifetime L80/B10: 36,000 hours.
- Easy installation with matching aluminum profiles or mounting clips.
- Dimmable with appropriate accessories.

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Article data	
Article no.	76591004
GTIN	4251433971313
Series name	QUALITYFLEX Protection Vertical
Short description	Segment LED flex lighting 50 mm, CRI > 90, 15 W / m, IP67
Colour	TunableWhite
Length	50 mm
Width	16 mm
Height	15 mm
Scope of delivery	incl. 1 x mounting instructions, 5 x identification labels
Weight	0.052 kg
Length of the connection line	1,000 mm

Lighting technology	
Colour temperature	2000 - 6500 K
Light colour	White
Farbtemperatur 1	2,000 K
Farbtemperatur 2	6,500 K
Lichtstrom 1	285 lm
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Beam angle	120°

Operating technology of the luminaire	
Lamp power per meter	16 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP67
Ambient temperature	-20 °C bis +40 °C
Dimmable	Yes
Wire number	3
Control	Dimming depending on driver
Length of the connection line	1,000 mm
Kabelbelegung	braun ( + ) gelb - ww weiß - cw
Design of the connecting cable	einseitig
Bulb change possible	No
Rated life time L70/B50 at 25 °C	54000 h

Operating technology of QualityFlex	
Short Pitch	4.17 mm
Number of lamps per meter	240 Qty
Length of individual sections	50 mm
Smallest bend radius	120 mm
Length	50 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	3014 LED

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Packing data	
Gross weight	0.057 kg
Length of packaging	490 mm
Packaging width	440 mm
Packaging height	40 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	Height
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
17230000			Trailing-edge phase			
17240000			on/off			

Compatible Controller						
Article no.	Power min	Power	Control	Length	Width	Height
18151000	24 W	240 W	KNX	170 mm	59 mm	30 mm
18155000	24 W	240 W	DALI-2	170 mm	59 mm	30 mm
18153000	24 W	240 W	DMX	170 mm	59 mm	30 mm
18154000	24 W	240 W	1-10 V	170 mm	59 mm	30 mm
18156000			1-10 V	167 mm	51 mm	23 mm
18157000	48 W	240 W	Zigbee	145 mm	46.5 mm	16 mm
18207000				137 mm	45 mm	13 mm
18161000	24 W	240 W	KNX	72 mm	90 mm	70 mm
18164000	24 W	240 W	1-10 V	54 mm	110 mm	66 mm
18165000	24 W	240 W	DALI	54 mm	110 mm	66 mm
17518000	1 W	240 W	Wireless technology control			
18192000	120 W	240 W	Wireless technology control	160 mm	45 mm	18 mm
18198000						

Compatible Profiles				
	Series name	Length	Width	Height
	Profil Protection Vertical	1,000 mm	20.5 mm	17.6 mm