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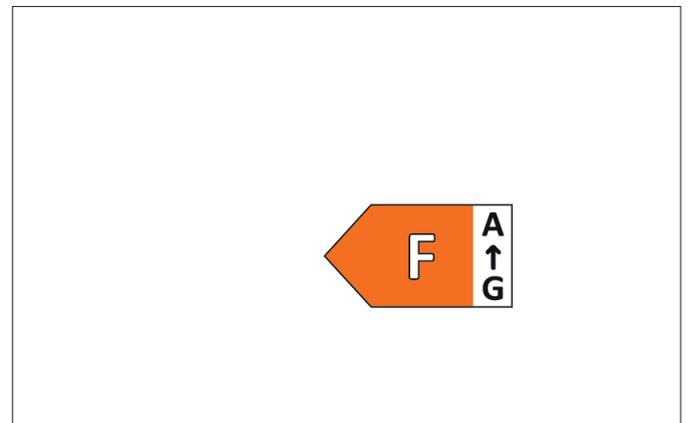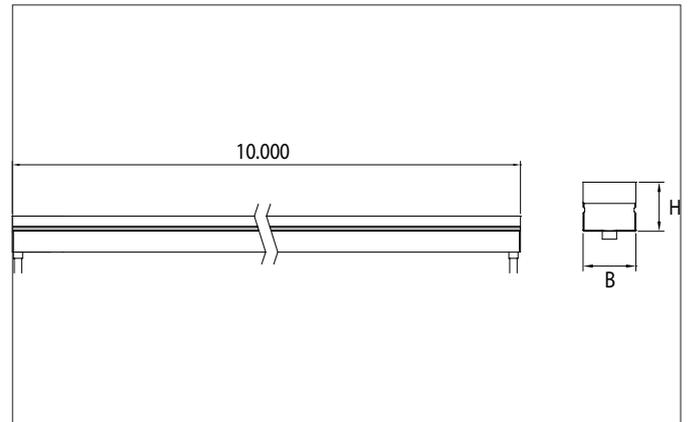## QUALITYFLEX Protection Vertical LED flex lighting 10 m, RGBW, CRI > 80, 15 W / m, IP67
Article no. 19601002

Light.
For Generations.

10.000

H

B

F   A
     ↑
     G

120°   24V   LDT-Data

Tender

LED flex lighting 10 m, RGBW, CRI > 80, 15 W / m, IP67, rgbw, 2.700K, CRI > 80.LED flex lightingLength: 10000.0 mm Lamp power per meter: 15.0 W/m, Degree of protection: IP67, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 96 LEDs per meter, Chip distance (Short Pitch) : 10,42mm. For individual application, the LED flex board can be used all 125 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 10.000mm must not be exceeded with one feed-in.

Product Benefits

• Suitable for indoor and outdoor applications (IP67).
• Divisible every 50 mm (IP65 protection).
• Ideal for terraces, facades and pool areas.
• Light colors: red / green / blue / white (color temperature: 2700 K, CRI > 80)
• 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.	19601002
GTIN	4251433971245
Series name	QUALITYFLEX Protection Vertical
Short description	LED flex lighting 10 m, RGBW, CRI > 80, 15 W / m, IP67
Colour	RGBW
Length	10,000 mm
Width	16 mm
Hight	15 mm
Scope of delivery	incl. 1 x mounting instructions, 5 x identification labels
Weight	5.000 kg
Length of the connection line	1,000 mm

Lighting technology	
Colour temperature	RGBW
Light colour	White
Luminous flux 1	205 lm/m
Luminous flux red	63 lm/m
Luminous flux green	192 lm/m
Luminous flux blue	57 lm/m
System efficiency	15 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 80
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	–20 °C up to +40 °C
Dimmable	Yes
Wire number	5
Control	Depending on driver
Length of the connection line	1,000 mm
Kabelbelegung	black (+) white (-) blue (-) green (-) red (-)
Design of the connecting cable	one-sided
Bulb change possible	No
Rated life time L70/B50 at 25 °C	54,000 h
Rated life time L80/B10 at 25 °C	36.000 h
Energy efficiency class	F

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Operating technology of QualityFlex	
Power per meter	15 W/m
Short Pitch	10.42 mm
Number of lamps per meter	96 Qty
Length of individual sections	125 mm
Smallest bend radius	120 mm
Length	10,000 mm
Maximum module length	10,000 mm
Circuit type	Parallel conduction
LED Type	5050 LED

Packing data	
Gross weight	5.95 kg
Length of packaging	400 mm
Packaging width	400 mm
Packaging hight	35 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
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		20 W	on/off	150 mm	40 mm	30 mm
17241000		40 W	on/off	210 mm	40 mm	30 mm
17242000		60 W	on/off	250 mm	40 mm	30 mm
17243000		120 W	on/off	300 mm	40 mm	30 mm
17244000		150 W	on/off	310 mm	40 mm	30 mm
17260000	1 W	150 W	on/off	105 mm	90 mm	59 mm

Compatible Conroller						
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	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				
	Series name	Length	Width	Hight
	QUALITYFLEX Protection Vertical	1,000 mm	20.5 mm	17.6 mm

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