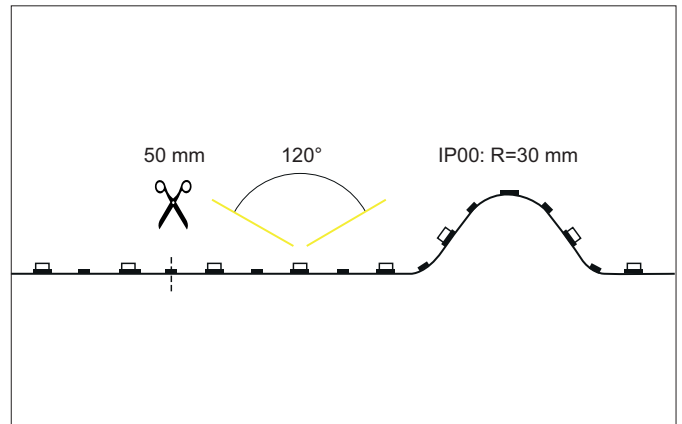




QUALITYFLEX Individual Segment of LED flex lighting Tunable-White HE, 50 mm, CRI > 90, 20 W / m, IP00
Article no. 75566004



Tender

Segment of LED flex lighting TunableWhite HE, 50 mm, CRI > 90, 20 W / m, IP00, white, Light colour: white, 6.500K-2.700K, CRI > 90. LED flex lighting for decorative, technical and efficient lighting of cove lighting, linear applications and backlighting, ambient and general lighting of rooms, architectural applications and for areas where high illumination is required, such as indirect or direct lighting, illuminated ceilings, restaurant lighting and much more. Length: 50 mm . Lamp power per meter: 20.0 W/m, Degree of protection: IP00, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 160 LEDs per meter, Chip distance (Short Pitch) : 6,25mm. For individual application, the LED flex board can be used all 50 mm be cut back. The maximum system length of 5.000 mm must not be exceeded with one feed-in.

Product Benefits

- Highly efficient TunableWhite LED flex board.
- Color temperature and brightness can be changed with 2-channel dimming.
- Optimally controllable via DALI (DT8) or TunableWhite radio remote control.
- Protection class: IP00
- Color temperature: 2,700 Kelvin to 6,500 Kelvin.
- Short pitch: 6.25 mm.
- High color rendering with CRI>90.


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Article no. 75566004

Article data	
Article no.	75566004
GTIN	4255752515630
Series name	QUALITYFLEX Individual
Short description	Segment of LED flex lighting TunableWhite HE, 50 mm, CRI > 90, 20 W / m, IP00
Colour	white
Length	50 mm
Width	10 mm
Height	2 mm
Scope of delivery	incl. 1 x assembly instructions
Weight	0.09 kg
Length of the connection line	350 mm
Conformance	CE

Lighting technology	
Colour temperature	2.700 K - 6.500 K
Light colour	white
Color Temperature 1	2,700 K
Color Temperature 2	6,500 K
Luminous flux	1,290 - 1,475 lm/m
Luminous flux 1	1,290 lm/m
Luminous flux 2	1,475 lm/m
System efficiency	74 lm/W
McAdam-Step	McAdam-Step 5
Colour rendering	CRI > 90
Beam angle	120°
Adjustable color temperature	Infinite control

Operating technology of the luminaire	
System output	100 W
Lamp power per meter	20 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP00
Ambient temperature	-10 °C to +40 °C
Dimmable	Yes
Wire number	3
Control	Depending on driver
Length of the connection line	350 mm
Cable assignment	red = + pole white = - pole, cold white yellow = - pole, warm white
Design of the connecting cable	one-sided
Bulb change possible	No
Rated life time L70/B50 at 25 °C	181,000 h
Rated life time L80/B10 at 25 °C	123000 h
Energy efficiency class	not required


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Operating technology of QualityFlex	
Power per meter	20 W/m
Short Pitch	6.25 mm
Number of lamps per meter	160 Qty
Length of individual sections	50 mm
Smallest bend radius	30 mm
Control	Negative (3-core)
Length	50 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	2835 LED

Packing data	
Gross weight	0.14 kg
Length of packaging	N.N.
Packaging width	N.N.
Packaging height	N.N.
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.						
17206000						
17207000						
17214000						
17223000						
17224000						
17225000						
17226000						
17227000						
17228000						
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						


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Article no. 75566004

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
18156000			1-10 V	167 mm	51 mm	23 mm
18157000	1 W	240 W	ZigBee	145 mm	46.5 mm	16 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
17518000	0 W	240 W	Wireless technology control			
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



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Compatible Profiles				
Short description				
Recessed profile 53654070				
LED recessed profile 53759070				
Wall recessed profile 53650260				
Plaster profile 53655070				
Plaster profile 53656070				
Surface-mounted profile 53600070				
Surface-mounted profile 53602070				
Surface-mounted profile 53603070				
LED surface-mounted profile 53606070				
Surface-mounted profile 53607080				
Surface-mounted profile, flat 53380261				
Surface-mounted profile, high 53381302				
Surface-mounted corner profile 53700070				
Surface-mounted corner profile 53702070				
Surface-mounted corner profile 53385261				
Flexible profile 53753260				
Wall surface-mounted profile 53754070				
Wall surface-mounted profile 53751260				
Surface-mounted round profile 53760260				