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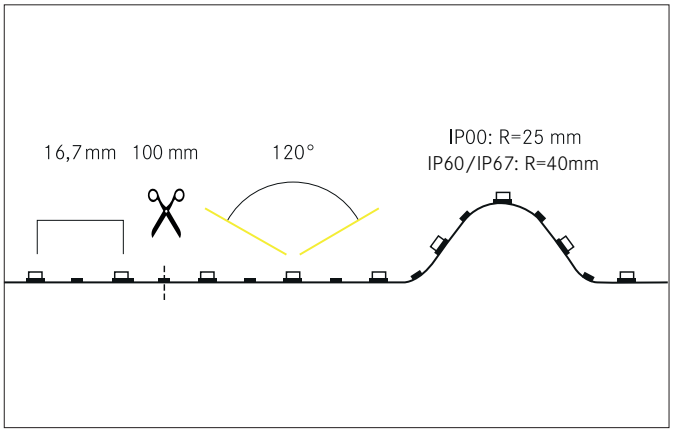
Light. Since 1873.

QUALITYFLEX Individual LED flex lighting TunableWhite, 100 mm, CRI > 90, 19.2 W / m, IP67

Article no. 75276004



Tender

LED flex lighting TunableWhite, 100 mm, CRI > 90, 19.2 W / m, IP67, white, Light colour: white, 6.500K-2.000K, CRI > 90. LED flex lighting for decorative, technical as well as efficient lighting of light coves, linear applications and backlighting, basic or general lighting of rooms, architectural applications and for areas where high illumination is required, such as indirect or direct lighting, luminous ceilings, gastronomy lighting and much more. Length: 100 mm . Lamp power per meter: 19.2 W/m, Degree of protection: IP67, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 120 LEDs per meter, Chip distance (Short Pitch) : 16,7mm. For individual application, the LED flex board can be used all 100 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

- Compatible with our TunableWhite LED insert 12843004.
- With 2-channel dimming the color temperature and brightness can be changed.
- Optimal controllable via DALI (DT8) or TunableWhite wireless remote control.
- Protection class: IP67
- Color temperature: 2000 Kelvin to 6500 Kelvin.
- Beam angle: 120°.
- High color rendering with CRI>90.

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. 75276004

Article data	
Article no.	75276004
GTIN	4251433954224
Series name	QUALITYFLEX Individual
Short description	LED flex lighting TunableWhite, 100 mm, CRI > 90, 19.2 W / m, IP67
Colour	white
Length	100 mm
Width	12 mm
Hight	5 mm
Scope of delivery	Including 1 x mounting instruction
Weight	0.02 kg
Length of the connection line	350 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	2.000 K - 6.500 K
Light colour	white
Color Temperature 1	2,000 K
Color Temperature 2	6,500 K
Luminous flux	650 - 920 lm/m
Luminous flux 1	650 lm/m
Luminous flux 2	920 lm/m
System efficiency	48 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Beam angle	120°
Adjustable color temperature	Infinite control

Operating technology of the luminaire	
System output	96 W
Lamp power per meter	19.2 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	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	145.000 h
Energy efficiency class	not required

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Operating technology of QualityFlex	
Power per meter	19.2 W/m
Short Pitch	16.7 mm
Number of lamps per meter	120 Qty
Length of individual sections	100 mm
Smallest bend radius	40 mm
Control	Negative (3-core)
Length	100 mm
Maximum module length	5,000 mm
Circuit type	Parallel conduction
LED Type	2835 LED

Packing data	
Gross weight	0.022 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.						
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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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
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

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 53607080				
Surface-mounted profile, high 53381302				

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