

**QUALITYFLEX Individual LED flex lighting TunableWhite, 100 mm,
CRI > 90, 19.2 W / m, IP67**
Article no. 75276004

Light.
For Generations.



Tender

LED flex lighting TunableWhite, 100 mm, CRI > 90, 19.2 W / m, IP67, tunablewhite, 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: 100.0 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 5.000mm 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.

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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	TunableWhite
Length	100 mm
Width	12.5 mm
Hight	5 mm
Scope of delivery	Including 1 x mounting instruction
Weight	0.020 kg
Length of the connection line	350 mm

Lighting technology	
Colour temperature	2.000 K - 6.500 K
Light colour	White
Farbtemperatur 1	2,000 K
Farbtemperatur 2	6,500 K
Lichtstrom 1	650 lm/m
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Beam angle	120°

Operating technology of the luminaire	
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
Design of the connecting cable	one-sided
Bulb change possible	No
Rated life time L70/B50 at 25 °C	181000 h

Operating technology of QualityFlex	
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

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Packing data	
Gross weight	0.022 kg
Length of packaging	70 mm
Packaging width	45 mm
Packaging height	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.

Accessories

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
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	1 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	1 W	240 W	DALI-2	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				
Short description	Series name	Length	Width	Height
Surface-mounted profile	P06-20	2,000 mm	23 mm	25.1 mm
LED surface-mounted profile	P30-30	2,000 mm	33.4 mm	29.6 mm
Surface-mounted profile	P16-16	2,000 mm	18.8 mm	18.6 mm
Surface-mounted profile, high	QUALITYFLEX ONE		17.6 mm	15.9 mm
Recessed profile	P36-20	2,000 mm	30 mm	20.4 mm
LED recessed profile	P40-30	2,000 mm	44.4 mm	24 mm
Plaster profile	P37-30	2,000 mm	63.4 mm	15.9 mm
Plaster profile	P38-30	2,000 mm	63.4 mm	24 mm