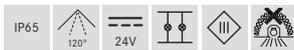
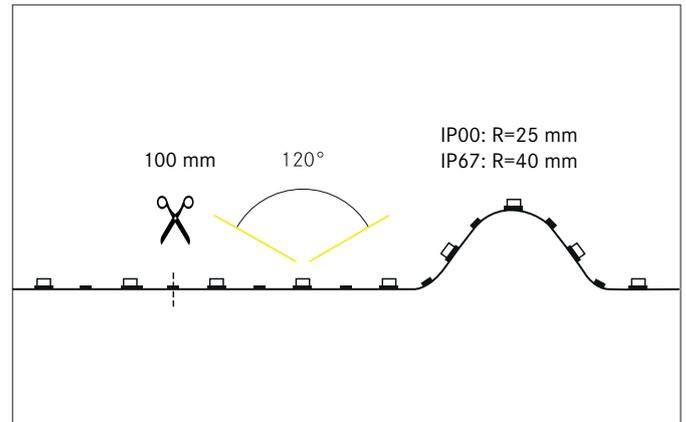




**QUALITYFLEX Individual dim2warm LED flexible circuit board**  
**100 mm, CRI 80, 14 W / m, IP65**  
 Article no. 75358003



#### Tender

dim2warm LED flexible circuit board 100 mm, CRI 80, 14 W / m, IP65, white, Light colour: white, 2.800K-1.800K, CRI > 80. Length: 100 mm . Lamp power per meter: 14.0 W/m, Luminous flux per meter: 1345.0 lm/m, Degree of protection: IP65, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 120 LEDs per meter, Chip distance (Short Pitch) : 16,66mm. For individual application, the LED flex board can be used all 100 mm be cut back. The maximum system length of 5.000 mm must not be exceeded with one feed-in.

#### Product Benefits

- Uses state-of-the-art LED technology to create a pleasant atmosphere when dimmed.
- When dimmed, the color temperature changes to up to 1,800 Kelvin.
- Dimming effect similar to that of an incandescent bulb with warm white light.
- High luminous flux thanks to 14 W/m.
- Color temperature: 2,800 Kelvin to 1,800 Kelvin.
- Control: 2-wire.
- Dimmable with appropriate accessories\*.

\* Compatible with all Brumberg LED dimmers, except for phase-dimmable converters with the following item numbers: 17230000, 17231000, and 17232000.


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Article no. 75358003

Article data	
Article no.	75358003
GTIN	4255752525431
Series name	QUALITYFLEX Individual
Short description	dim2warm LED flexible circuit board 100 mm, CRI 80, 14 W / m, IP65
Colour	white
Length	100 mm
Width	12 mm
Height	5 mm
Scope of delivery	Includes 1 x assembly instructions
Weight	0.074 kg
Length of the connection line	300 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	2.800 K - 1.800 K
Light colour	white
Luminous flux per meter	1,345 lm/m
System efficiency	96 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 80
Beam angle	120°
Adjustable color temperature	Stages

Operating technology of the luminaire	
System output	70 W
Lamp power per meter	14 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP65
Ambient temperature	-10 °C bis +40 °C
Dimmable	Yes
Wire number	2
Control	Depending on driver
Length of the connection line	300 mm
Cable assignment	rot = + pol schwarz = - pol
Design of the connecting cable	einseitig
Bulb change possible	No
Rated life time L70/B50 at 25 °C	54,000 h
Rated life time L80/B10 at 25 °C	50.000 h
Rated life time L80/B20 at 25 °C	51.000 h

Operating technology of QualityFlex	
Power per meter	14 W/m
Short Pitch	16.66 mm
Number of lamps per meter	120 Qty
Length of individual sections	100 mm
Smallest bend radius	40 mm
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	0.2 kg
Length of packaging	260 mm
Packaging width	260 mm
Packaging height	20 mm
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.		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
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
17340000	1.5 W	30 W	on/off	135 mm	36 mm	25 mm
17341000	3 W	60 W	on/off	151.5 mm	40.2 mm	31 mm
17342000	6 W	120 W	on/off	253.2 mm	42.5 mm	31 mm
17343000	7.5 W	150 W	on/off	253.2 mm	42.5 mm	31 mm
17250000	1 W	45 W	DALI-2	187 mm	45 mm	31 mm
17251000	1 W	80 W	DALI-2	290 mm	45 mm	31 mm
17252000	1 W	150 W	DALI-2	290 mm	45 mm	31 mm
17260000	1 W	150 W	on/off	105 mm	90 mm	59 mm

Compatible Controller						
Article no.		Power	Control	Length	Width	Height
17502000	1 W	120 W	DALI	183 mm	33 mm	23 mm
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
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
17528000	1 W	240 W	Wireless technology control			
17511000	120 W	240 W	Wireless technology control		46.5 mm	145 mm
18157000	1 W	240 W	ZigBee	145 mm	46.5 mm	16 mm
18192000	1 W	240 W	Wireless technology control	160 mm	45 mm	18 mm



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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				