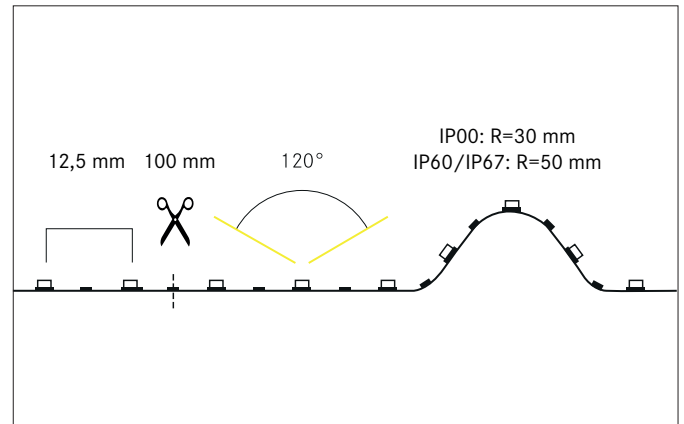




QUALITYFLEX Select HE LED flex board, 100 mm, CRI > 90, 9.6 W / m, IP60

Article no. 75522027



Tender

LED flex board, 100 mm, CRI > 90, 9.6 W / m, IP60, LED white light, 2,700K, CRI > 90 LED flex board, length: 100.0 mm Lamp wattage per meter: 9.6 W/m, luminous flux per meter: 1201.0 lm/m, degree of protection on room side: IP60, protection class: III, voltage: 24V DC, beam angle: 120.0 °, 80 LEDs per meter, chip spacing (short pitch): 12.5 mm. The LED flex board can be shortened every 100 mm for individual applications. If the LED flex board is shortened, the IP protection must be restored on site. The maximum system length of 5,000 mm must not be exceeded with one feed.

Product Benefits

- Suitable for indoor applications (IP60).
- 8 LEDs per segment.
- Decorative lighting of furniture, objects and light coves.
- Indirect lighting in living areas.
- Length 5,000 mm with a pitch of 100 mm.
- Available in 2,700 K, 3,000 K and 4,000 K.
- Dimmable with corresponding accessories.


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Article data	
Article no.	75522027
GTIN	4251433956716
Series name	QUALITYFLEX Select HE
Short description	LED flex board, 100 mm, CRI > 90, 9.6 W / m, IP60
Colour	white
Length	100 mm
Width	8 mm
Hight	3 mm
Scope of delivery	incl. 1 x assembly instructions
Weight	0.004 kg
Length of the connection line	350 mm
Wide-fitting end cap	15 mm
Height of the fitted end cap	7.5 mm
Conformance	CE, UKCA

Lighting technology	
Colour temperature	2.700 K
Light colour	white
Luminous flux per meter	1,201 lm/m
System efficiency	125 lm/W
McAdam-Step	McAdam-Step 3
Colour rendering	CRI > 90
Beam angle	120°
Adjustable color temperature	No

Operating technology of the luminaire	
System output	48 W
Lamp power per meter	9.6 W/m
Voltage type	DC
DC nominal voltage max	24 V
Lamp	LED
Protection class	III
Degree of protection	IP60
Ambient temperature	-10°C up to +40°C
Dimmable	Yes
Wire number	2
Control	Depending on driver
Length of the connection line	350 mm
Cable assignment	red = + pole black = - pole
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	123,000 h
Energy efficiency class	D

Operating technology of QualityFlex	
Power per meter	9.6 W/m
Short Pitch	12.5 mm
Number of lamps per meter	80 Qty
Length of individual sections	100 mm
Smallest bend radius	50 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	0.008 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.

Compatible Driver						
Article no.						
17206000						
17207000						
17214000						
17223000						
17224000						
17225000						
17226000						
17227000						
17228000						
17230000	5 W	30 W	Trailing-edge phase	145 mm	50 mm	22 mm
17231000	12 W	75 W	Trailing-edge phase	185 mm	60 mm	31 mm
17232000	12 W	120 W	Trailing-edge phase	223 mm	64 mm	32 mm
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
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						

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	120 W	240 W	Wireless technology control	145 mm	46.5 mm	16 mm
17511000	120 W	240 W	Wireless technology control	145 mm	46.5 mm	16 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				
Wall recessed profile 53650260				
Plaster profile 53655070				
Plaster profile 53656070				
Surface-mounted profile 53600070				
Surface-mounted profile 53602070				
Surface-mounted profile 53604080				
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 53703260				
Surface-mounted corner profile 53385261				
Flexible profile 53753260				
Wall surface-mounted profile 53754070				
Wall surface-mounted profile 53751260				
Flat profile P76-16 53756070				
Surface-mounted round profile 53760260				