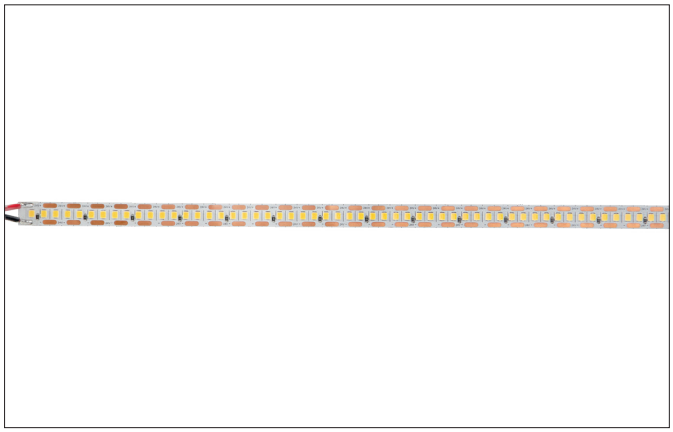
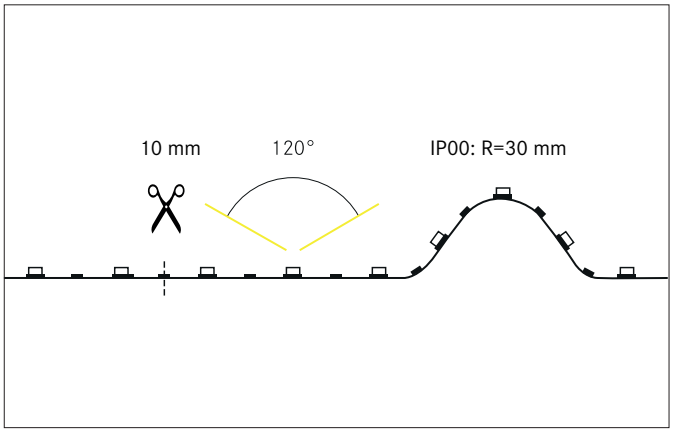
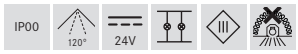
# QUALITYFLEX Individual LED flex board, 10 mm, CRI > 80, 9.6 W / m, IP00

Article no. 75506003






| Tender |
| --- |
| LED flex board, 10 mm, CRI > 80, 9.6 W / m, IP00, white, Light colour: white, 3.000K, CRI > 80. Length: 8000 mm . Lamp power per meter: 9.6 W/m, Luminous flux per meter: 1530.0 lm/m, Degree of protection: IP00, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 200 LEDs per meter, Chip distance (Short Pitch) : 5mm. For individual application, the LED flex board can be used all 5 mm be cut back. The maximum system length of 8.000 mm must not be exceeded with one feed-in. |

**Product Benefits**

- Divisible every 10 mm.
- Suitable for indoor applications (IP00).
- Decorative illumination of furniture, objects and light coves.
- Flexible installation in profiles due to small pitch.
- Length 8,000 mm with one feed.
- Available in 2,700 K, 3,000 K and 4,000 K.
- Dimmable with corresponding accessories.

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. 75506003

| Article data | |
|---|---|
| Article no. | 75506003 |
| GTIN | 4255752525370 |
| Series name | QUALITYFLEX Individual |
| Short description | LED flex board, 10 mm, CRI > 80, 9.6 W / m, IP00 |
| Colour | white |
| Length | 8,000 mm |
| Width | 10 mm |
| Hight | 1.5 mm |
| Scope of delivery | incl. 1 x assembly instructions |
| Weight | 0.1 kg |
| Length of the connection line | 300 mm |
| Conformance | CE, UKCA |

| Lighting technology | |
|---|---|
| Colour temperature | 3.000 K |
| Light colour | white |
| Luminous flux per meter | 1,530 lm/m |
| System efficiency | 159 lm/W |
| McAdam-Step | McAdam-Step 3 |
| Colour rendering | CRI > 80 |
| Beam angle | 120° |
| Adjustable color temperature | No |

| Operating technology of the luminaire | |
|---|---|
| System output | 76.8 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 | IP00 |
| Ambient temperature | -10°C up to +40°C |
| Dimmable | Yes |
| Wire number | 2 |
| Control | Depending on driver |
| Length of the connection line | 300 mm |
| Cable assignment | rot = + pol<br>schwarz = - pol |
| Design of the connecting cable | one-sided |
| Bulb change possible | No |
| Rated life time L80/B10 at 25 °C | 78000 h |

| Operating technology of QualityFlex | |
|---|---|
| Power per meter | 9.6 W/m |
| Short Pitch | 5 mm |
| Number of lamps per meter | 200 Qty |
| Length of individual sections | 5 mm |
| Smallest bend radius | 30 mm |
| Length | 8,000 mm |
| Maximum module length | 8,000 mm |
| Circuit type | Parallel conduction |
| LED Type | 2835 LED |

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| Packing data | |
|---|---|
| Gross weight | 0.23 kg |
| Length of packaging | 240 mm |
| Packaging width | 215 mm |
| Packaging hight | 15 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.<br>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. | | Power | Control | Length | Width | Hight |
| 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 |
| 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 |
| 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 Conroller | | | | | | |
|---|---|---|---|---|---|---|
| Article no. | | Power | Control | Length | Width | Hight |
| 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 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 | | | | |

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