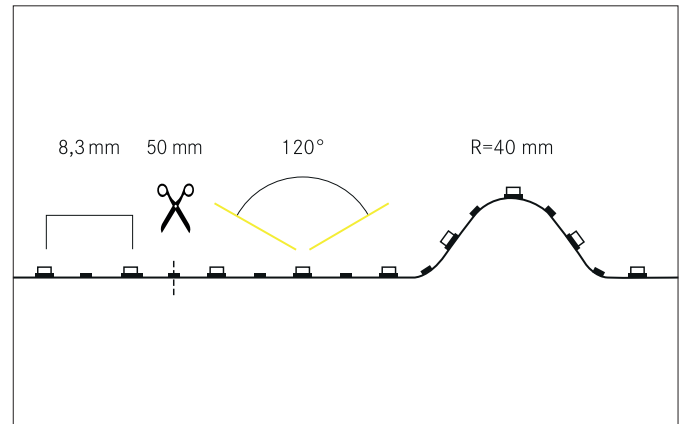


QUALITYFLEX Performance LED flex lighting, 50 mm, CRI > 95, 20
W / m, IP00

Article no. 76305003


Tender

LED baffle board, 50 mm, CRI > 95, 20 W / m, IP00, LED white light, 3,000K, CRI > 95 LED baffle board for decorative, technical and efficient illumination of coved lighting, linear applications and backlighting, ambient and general lighting of rooms, architectural applications and for areas where high illumination is required, such as indirect or direct lighting, luminous ceilings, restaurant lighting and much more. Length: 50.0 mm Lamp wattage per meter: 20.0 W/m, luminous flux per meter: 1720.0 lm/m, degree of protection on room side: IP00, protection class: III, voltage: 24 V DC, beam angle: 120.0 °, 120 LEDs per meter, chip spacing (short pitch): 8.3 mm. The LED flex board can be shortened every 50 mm for individual applications. The maximum system length of 5,000mm must not be exceeded with one feed.

Product Benefits

- Very high color rendering with CRI>95.
- Suitable for indoor dry areas (IP00).
- Very low pitch of 50 millimeters.
- Very high light output of 20 watts per meter.
- Suitable for basic lighting in numerous applications.
- Available in 2700 Kelvin, 3000 Kelvin and 4000 Kelvin.
- Dimmable with appropriate accessories.

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Article no. 76305003

| Article data | |
|-------------------------------|--|
| Article no. | 76305003 |
| GTIN | 4251433944706 |
| Series name | QUALITYFLEX Performance |
| Short description | LED flex lighting, 50 mm, CRI > 95, 20 W / m, IP00 |
| Colour | White |
| Length | 50 mm |
| Width | 10 mm |
| Hight | 1.4 mm |
| Scope of delivery | Including 1 x mounting instruction |
| Weight | 0.002 kg |
| Length of the connection line | 350 mm |
| Conformance | CE, UKCA |

| Lighting technology | |
|------------------------------|---------------|
| Colour temperature | 3.000 K |
| Light colour | White |
| Luminous flux per meter | 1,720 lm/m |
| System efficiency | 86 lm/W |
| McAdam-Step | McAdam-Step 5 |
| Colour rendering | CRI > 95 |
| Beam angle | 120° |
| Adjustable color temperature | No |

| Operating technology of the luminaire | |
|---------------------------------------|--------------------------------|
| System output | 1 W |
| Lamp power per meter | 20 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 | 350 mm |
| Cable assignment | rot = + pol schwarz = - pol |
| Design of the connecting cable | one-sided |
| Bulb change possible | No |
| Rated life time L70/B50 at 25 °C | 50,000 h |
| Rated life time L80/B10 at 25 °C | 50.000 h |
| Energy efficiency class | nicht erforderlich |

| Operating technology of QualityFlex | |
|-------------------------------------|---------------------|
| Power per meter | 20 W/m |
| Short Pitch | 8.3 mm |
| Number of lamps per meter | 120 Qty |
| Length of individual sections | 50 mm |
| Smallest bend radius | 40 mm |
| Length | 50 mm |
| Maximum module length | 5,000 mm |
| Circuit type | Parallel conduction |
| LED Type | 2835 LED |

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Article no. 76305003

| Packing data | |
|-------------------------|---|
| Gross weight | 0.005 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. | 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 |
| 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 |
| 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 | 1 W | 150 W | on/off | 105 mm | 90 mm | 59 mm |

| Compatible Controller | | | | | | |
|-----------------------|-----------|-------|-----------------------------|--------|---------|--------|
| Article no. | Power min | Power | Control | Length | Width | Height |
| 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 | | | |
| 17502000 | 1 W | 120 W | DALI | 183 mm | 33 mm | 23 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 |
| 18207000 | | | | 137 mm | 45 mm | 13 mm |
| 18199000 | | | | | | |
| 18202000 | | | | | | |

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| Compatible Profiles | | | | |
|--|-------------|----------|---------|---------|
| Short description | Series name | Length | Width | Hight |
| Recessed profile 53654070 | P36-20 | 2,000 mm | 30 mm | 20.4 mm |
| LED recessed profile 53759070 | P40-30 | 2,000 mm | 44.4 mm | 24 mm |
| Wall recessed profile 53650260 | P32-12 | 2,000 mm | 19.1 mm | 81 mm |
| Plaster profile 53655070 | P37-30 | 2,000 mm | 63.4 mm | 15.9 mm |
| Plaster profile 53656070 | P38-30 | 2,000 mm | 63.4 mm | 24 mm |
| Surface-mounted profile 53600070 | P01-10 | 2,000 mm | 20 mm | 8 mm |
| Surface-mounted profile 53602070 | P04-14 | 2,000 mm | 24 mm | 9 mm |
| Surface-mounted profile 53603070 | P06-20 | 2,000 mm | 23 mm | 25.1 mm |
| LED surface-mounted profile 53606070 | P30-30 | 2,000 mm | 33.4 mm | 29.6 mm |
| Surface-mounted profile 53607080 | P16-16 | 2,000 mm | 18.8 mm | 18.6 mm |
| Surface-mounted profile, high 53381302 | ONE | | 17.6 mm | 15.9 mm |
| Surface-mounted corner profile 53700070 | P60-10 | 2,000 mm | 20 mm | 16 mm |
| Surface-mounted corner profile 53702070 | P62-14 | 2,000 mm | 24 mm | 19.4 mm |
| Surface-mounted corner profile 53385261 | ONE | | 24 mm | 19.4 mm |
| Flexible profile 53753260 | P72-12 | 2,000 mm | 20 mm | 3.3 mm |
| Wall surface-mounted profile 53754070 | P73-12 | 2,000 mm | 17.8 mm | 46.1 mm |
| Wall surface-mounted profile 53751260 | P74-14 | 2,000 mm | 18.5 mm | 55 mm |