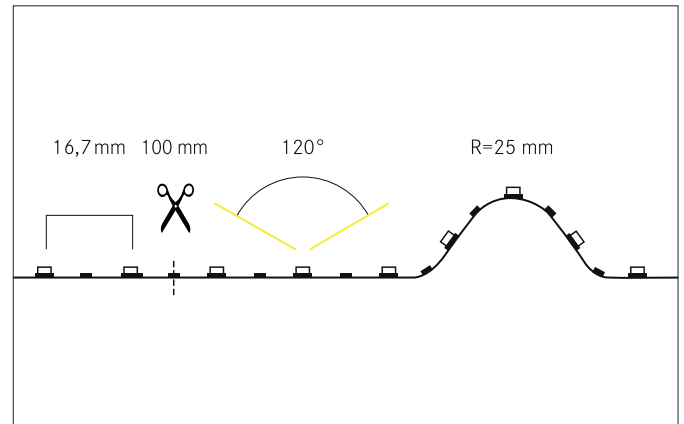
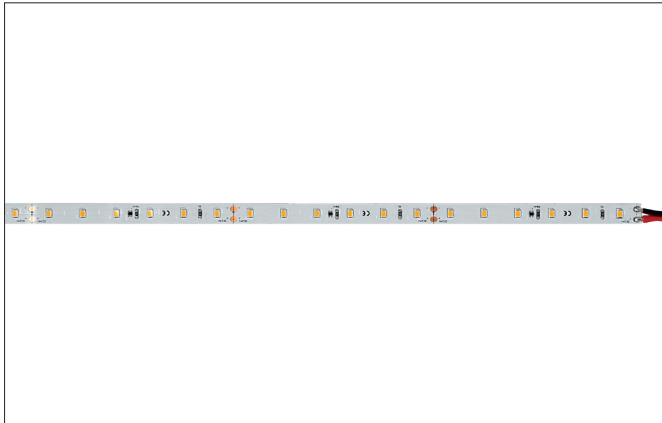


**QUALITYFLEX Performance LED flex lighting, 100 mm, CRI > 95, 3.0**
**W / m, IP00**

Article no. 76301003


**Tender**

LED flex circuit board, 100 mm, CRI > 95, 3.0 W / m, IP00, LED white light, 3,000K, CRI > 95 LED flex circuit board for decorative, technical and efficient lighting of cove 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, illuminated ceilings, restaurant lighting and much more. Length: 100.0 mm Lamp wattage per meter: 3.0 W/m, luminous flux per meter: 270.0 lm/m, degree of protection on room side: IP00, protection class: III, voltage: 24V DC, beam angle: 120.0 °, 60 LEDs per meter, chip spacing (short pitch): 16.7 mm. The LED flex board can be shortened every 100 mm for individual applications. The maximum system length of 30,000mm must not be exceeded with one feed.

**Product Benefits**

- Suitable for indoor use.
- Ideal for decorative lighting and backlighting of furniture and objects.
- Very high color rendering with CRI>95.
- Up to 30 meters can be realized with one feed.
- Pitch size of 100 millimeters.
- Dimmable with appropriate accessories.

**QUALITYFLEX Performance LED flex lighting, 100 mm, CRI > 95, 3.0**
**W / m, IP00**

Article no. 76301003

| Article data                  |                                                      |
|-------------------------------|------------------------------------------------------|
| Article no.                   | 76301003                                             |
| GTIN                          | 4251433928645                                        |
| Series name                   | QUALITYFLEX Performance                              |
| Short description             | LED flex lighting, 100 mm, CRI > 95, 3.0 W / m, IP00 |
| Colour                        | White                                                |
| Length                        | 100 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      | 270 lm/m      |
| System efficiency            | 90 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                         | 0.3 W                          |
| Lamp power per meter                  | 3 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<br>schwarz = - pol |
| Design of the connecting cable        | one-sided                      |
| Bulb change possible                  | No                             |
| Energy efficiency class               | nicht erforderlich             |

| Operating technology of QualityFlex |                     |
|-------------------------------------|---------------------|
| Power per meter                     | 3 W/m               |
| Short Pitch                         | 16.7 mm             |
| Number of lamps per meter           | 60 Qty              |
| Length of individual sections       | 100 mm              |
| Smallest bend radius                | 25 mm               |
| Length                              | 100 mm              |
| Maximum module length               | 30,000 mm           |
| Circuit type                        | Parallel conduction |
| LED Type                            | 2835 LED            |

**QUALITYFLEX Performance LED flex lighting, 100 mm, CRI > 95, 3.0**
**W / m, IP00**

Article no. 76301003

| 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 | <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 min | 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 |
| 17230000          |           |       | Trailing-edge phase |        |       |       |
| 17240000          |           |       | on/off              |        |       |       |

| Compatible Controller |           |       |                             |        |         |       |
|-----------------------|-----------|-------|-----------------------------|--------|---------|-------|
| Article no.           | Power min | Power | Control                     | Length | Width   | Hight |
| 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              |           |       |                             |        |         |       |

**QUALITYFLEX Performance LED flex lighting, 100 mm, CRI > 95, 3.0**
**W / m, IP00**

Article no. 76301003

| Compatible Profiles                        |             |          |         |          |
|--------------------------------------------|-------------|----------|---------|----------|
| Short description                          | Series name | Length   | Width   | Hight    |
| Recessed profile<br>53654070               | P36-20      | 2,000 mm | 30 mm   | 20.4 mm  |
| LED recessed profile<br>53759070           | P40-30      | 2,000 mm | 44.4 mm | 24 mm    |
| Wall recessed profile<br>53650260          | P32-12      | 2,000 mm | 19.1 mm | 81 mm    |
| Plaster profile<br>53655070                | P37-30      | 2,000 mm | 63.4 mm | 15.9 mm  |
| Plaster profile<br>53656070                | P38-30      | 2,000 mm | 63.4 mm | 24 mm    |
| Surface-mounted profile<br>53600070        | P01-10      | 2,000 mm | 20 mm   | 8 mm     |
| Surface-mounted profile<br>53602070        | P04-14      | 2,000 mm | 24 mm   | 9 mm     |
| Surface-mounted profile<br>53604080        | P05-14      | 2,000 mm | 17.5 mm | 8.6 mm   |
| Surface-mounted profile<br>53603070        | P06-20      | 2,000 mm | 23 mm   | 25.1 mm  |
| LED surface-mounted profile<br>53606070    | P30-30      | 2,000 mm | 33.4 mm | 29.6 mm  |
| Surface-mounted profile<br>53607080        | P16-16      | 2,000 mm | 18.8 mm | 18.6 mm  |
| Surface-mounted profile, flat<br>53380261  | ONE         |          | 17.6 mm | 6 mm     |
| Surface-mounted profile, high<br>53381302  | ONE         |          | 17.6 mm | 15.9 mm  |
| Surface-mounted corner profile<br>53700070 | P60-10      | 2,000 mm | 20 mm   | 16 mm    |
| Surface-mounted corner profile<br>53702070 | P62-14      | 2,000 mm | 24 mm   | 19.4 mm  |
| Surface-mounted corner profile<br>53703260 | P63-14      | 2,000 mm | 17.5 mm | 17.5 mm  |
| Surface-mounted corner profile<br>53385261 | ONE         |          | 24 mm   | 19.4 mm  |
| Flexible profile<br>53753260               | P72-12      | 2,000 mm | 20 mm   | 3.3 mm   |
| Wall surface-mounted profile<br>53754070   | P73-12      | 2,000 mm | 17.8 mm | 46.1 mm  |
| Wall surface-mounted profile<br>53751260   | P74-14      | 2,000 mm | 18.5 mm | 55 mm    |
| Flat profile P76-16<br>53756070            | P76-16      | 2,000 mm | 20.5 mm | 3.8 mm   |
| Surface-mounted round profile<br>53760260  | P90-16      | 2,000 mm | 20 mm   | 17.04 mm |