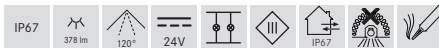
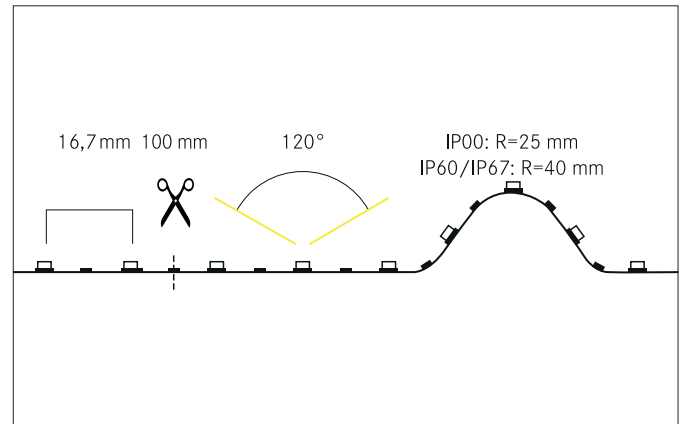
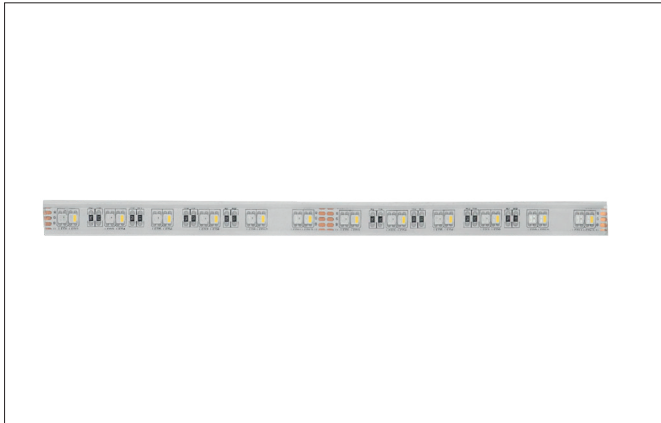




**QUALITYFLEX Individual LED flex board RGBW, 100 mm, 17 W / m, IP67**  
Article no. 75573002



**Tender**

LED flex board RGBW, 100 mm, 17 W / m, IP67, white, Light colour: RGBW, 5.500K, CRI > 80. LED flex lighting for decorative, technical as well as efficient lighting of light coves, linear applications and backlighting, basic or general lighting of rooms, architectural applications and for areas where high illumination is required, such as indirect or direct lighting, luminous ceilings, gastronomy lighting and much more. Length: 100 mm . Lamp power per meter: 17.0 W/m, Degree of protection: IP67, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 120 LEDs per meter, Chip distance (Short Pitch) : 16,7mm. For individual application, the LED flex board can be used all 100 mm be cut back. If the LED flex board is shortened, the IP protection must be restored by the customer. The maximum system length of 5.000 mm must not be exceeded with one feed-in.

**Product Benefits**

- Color play and ambient lighting in an LED flex board.
- Efficient, variable illumination of light coves, linear applications, luminous ceilings and backlighting.
- Light colors: red / green / blue / white (5,500 Kelvin).
- Countless mixed colors can be implemented.
- Suitable for indoor and outdoor applications (IP67).
- Divisible every 100 mm.
- Compatible with our 4-channel 24 V DC controllers, RGBW.


**QUALITYFLEX Individual LED flex board RGBW, 100 mm, 17 W / m, IP67**

Article no. 75573002

| Article data                  |                                             |
|-------------------------------|---------------------------------------------|
| Article no.                   | 75573002                                    |
| GTIN                          | 4251433923015                               |
| Series name                   | QUALITYFLEX Individual                      |
| Short description             | LED flex board RGBW, 100 mm, 17 W / m, IP67 |
| Colour                        | white                                       |
| Length                        | 100 mm                                      |
| Width                         | 12 mm                                       |
| Height                        | 5 mm                                        |
| Scope of delivery             | incl. 1 x assembly instructions             |
| Weight                        | 0.005 kg                                    |
| Length of the connection line | 350 mm                                      |
| Wide-fitting end cap          | 14.5 mm                                     |
| Height of the fitted end cap  | 7 mm                                        |
| Conformance                   | CE, UKCA                                    |

| Lighting technology          |               |
|------------------------------|---------------|
| Colour temperature           | RGBW          |
| Light colour                 | RGBW          |
| Luminous flux                | 378 lm        |
| Luminous flux red            | 110 lm/m      |
| Luminous flux green          | 250 lm/m      |
| Luminous flux blue           | 42 lm/m       |
| System efficiency            | 22 lm/W       |
| McAdam-Step                  | McAdam-Step 3 |
| Colour rendering             | CRI > 80      |
| Beam angle                   | 120°          |
| Wavelength blue              | 455-475 nm    |
| Wellenlänge rot              | 620-640 nm    |
| Wavelength green             | 520-540 nm    |
| Adjustable color temperature | No            |

| Operating technology of the luminaire |                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------|
| System output                         | 85 W                                                                            |
| Lamp power per meter                  | 17 W/m                                                                          |
| Voltage type                          | DC                                                                              |
| DC nominal voltage max                | 24 V                                                                            |
| Lamp                                  | LED                                                                             |
| Protection class                      | III                                                                             |
| Degree of protection                  | IP67                                                                            |
| Ambient temperature                   | -10°C up to +40°C                                                               |
| Dimmable                              | Yes                                                                             |
| Wire number                           | 5                                                                               |
| Control                               | Depending on driver                                                             |
| Length of the connection line         | 350 mm                                                                          |
| Cable assignment                      | brown = +<br>white = - white<br>blue = - blue<br>green = - green<br>red = - red |
| Design of the connecting cable        | One-sided                                                                       |
| Bulb change possible                  | No                                                                              |
| Rated life time L70/B50 at 25 °C      | 50,000 h                                                                        |
| Rated life L80/B10 at 25 °C           | 50,000 h                                                                        |
| Energy efficiency class               | not required                                                                    |


**QUALITYFLEX Individual LED flex board RGBW, 100 mm, 17 W / m, IP67**

Article no. 75573002

| Operating technology of QualityFlex |                        |
|-------------------------------------|------------------------|
| Power per meter                     | 17 W/m                 |
| Short Pitch                         | 16.7 mm                |
| Number of lamps per meter           | 120 Qty                |
| Length of individual sections       | 100 mm                 |
| Smallest bend radius                | 40 mm                  |
| Control                             | Negative (5-core)      |
| Length                              | 100 mm                 |
| Maximum module length               | 5,000 mm               |
| Circuit type                        | Parallel conduction    |
| LED Type                            | LED double chip RG+BNW |

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.009 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.       | min. | max.  |        |        |       |       |
| 17206000          |      |       |        |        |       |       |
| 17207000          |      |       |        |        |       |       |
| 17214000          |      |       |        |        |       |       |
| 17223000          |      |       |        |        |       |       |
| 17224000          |      |       |        |        |       |       |
| 17225000          |      |       |        |        |       |       |
| 17226000          |      |       |        |        |       |       |
| 17227000          |      |       |        |        |       |       |
| 17228000          |      |       |        |        |       |       |
| 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 |
| 17260000          |      |       |        |        |       |       |


**QUALITYFLEX Individual LED flex board RGBW, 100 mm, 17 W / m, IP67**

Article no. 75573002

| Compatible Controller |            |            |                             |        |         |       |
|-----------------------|------------|------------|-----------------------------|--------|---------|-------|
| Article no.           | Power min. | Power max. | 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 |
| 18155000              | 1 W        | 240 W      | DALI-2                      | 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 |
| 18165000              | 1 W        | 240 W      | DALI-2                      | 54 mm  | 110 mm  | 66 mm |
| 18223000              | 1 W        | 240 W      | Wireless technology control | 145 mm | 47 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 |
| 17290000              | 1 W        | 100 W      | DALI-2                      | 244 mm | 64 mm   | 32 mm |
| 17291000              | 1 W        | 200 W      | DALI-2                      | 330 mm | 79 mm   | 39 mm |

| Compatible Profiles                     |  |  |  |  |
|-----------------------------------------|--|--|--|--|
| Short description                       |  |  |  |  |
| Recessed profile<br>53654070            |  |  |  |  |
| LED recessed profile<br>53759070        |  |  |  |  |
| Plaster profile<br>53655070             |  |  |  |  |
| Plaster profile<br>53656070             |  |  |  |  |
| Surface-mounted profile<br>53602070     |  |  |  |  |
| Surface-mounted profile<br>53603070     |  |  |  |  |
| LED surface-mounted profile<br>53606070 |  |  |  |  |
| Surface-mounted profile<br>53607080     |  |  |  |  |