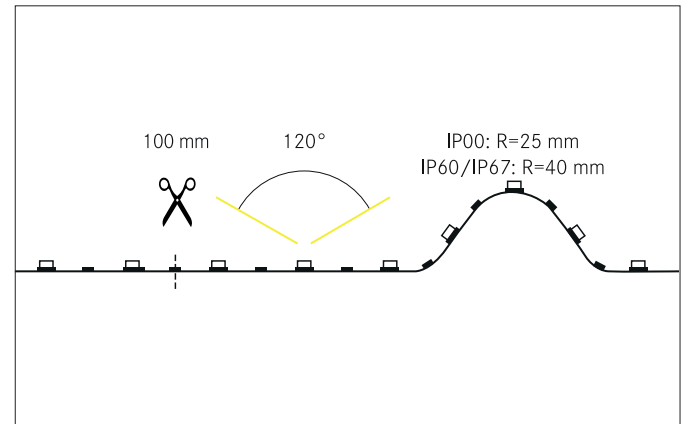
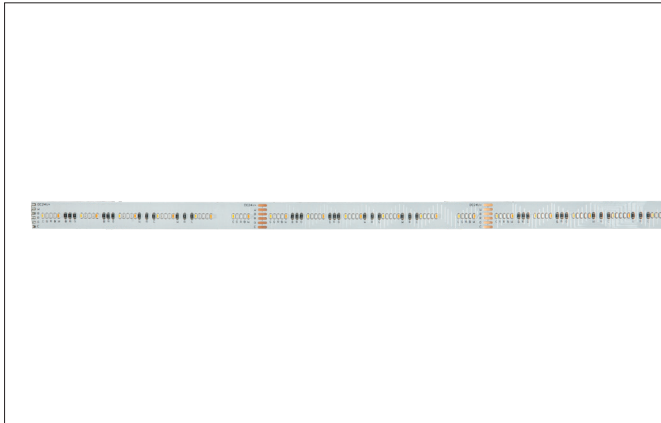


QUALITYFLEX Individual LED flex lighting Single RGB+TW, 5 m, 24 W / m, IP60
Article no. 18526002

Light.
For Generations.



Tender

LED flex lighting Single RGB+TW, 5 m, 24 W / m, IP60, white, 5.700K-2.700K, CRI > 90. LED flex lighting 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: 5000.0 mm Lamp power per meter: 24.0 W/m, Degree of protection: IP60, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 300 LEDs per meter, Chip distance (Short Pitch) : 16,5mm. 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 5.000mm must not be exceeded with one feed-in.

Product Benefits

- Dynamic colored light for accent and dynamic white light for lighting applications in one LED flex lighting.
- Unique LED chip design for clear lighting effects.
- Light colors: red / green / blue / cool white (5700 Kelvin) / warm white (2700 Kelvin).
- Suitable for indoor applications (IP60).
- Divisible every 100 mm.
- Compatible with our 5-channel 24 V DC controllers, RGB+TW.

QUALITYFLEX Individual LED flex lighting Single RGB+TW, 5 m, 24 W / m, IP60

Article no. 18526002

 Light.
For Generations.

| Article data | |
|-------------------------------|--|
| Article no. | 18526002 |
| GTIN | 4251433943211 |
| Series name | QUALITYFLEX Individual |
| Short description | LED flex lighting Single RGB+TW, 5 m, 24 W / m, IP60 |
| Colour | White |
| Length | 5,000 mm |
| Width | 12 mm |
| Hight | 3 mm |
| Scope of delivery | incl. 1 x mounting instructions, 5 x identification labels |
| Weight | 0.190 kg |
| Length of the connection line | 350 mm |
| Conformance | CE, UKCA |

| Lighting technology | |
|------------------------------|--------------------|
| Colour temperature | RGB + TunableWhite |
| Light colour | RGB-TW |
| Color Temperature 1 | 2,700 K |
| Color Temperature 2 | 5,700 K |
| Luminous flux 1 | 302 lm/m |
| Luminous flux 2 | 367 lm/m |
| Luminous flux red | 115 lm/m |
| Luminous flux green | 322 lm/m |
| Luminous flux blue | 72 lm/m |
| System efficiency | 24 lm/W |
| McAdam-Step | McAdam-Step 3 |
| Colour rendering | CRI > 90 |
| Beam angle | 120° |
| Adjustable color temperature | Infinite control |

| Operating technology of the luminaire | |
|---------------------------------------|--|
| System output | 120 W |
| Lamp power per meter | 24 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 | 6 |
| Control | Depending on driver |
| Length of the connection line | 350 mm |
| Cable assignment | brown = + yellow = - white blue = - blue red = - red green = - green white = - warm white |
| Design of the connecting cable | both sides |
| Bulb change possible | No |
| Rated life time L70/B50 at 25 °C | 52,000 h |
| Rated life time L80/B10 at 25 °C | 30.000 h |

QUALITYFLEX Individual LED flex lighting Single RGB+TW, 5 m, 24**W / m, IP60**

Article no. 18526002

Light.
For Generations.

| Operating technology of QualityFlex | |
|-------------------------------------|---------------------|
| Power per meter | 24 W/m |
| Short Pitch | 16.5 mm |
| Number of lamps per meter | 300 Qty |
| Length of individual sections | 100 mm |
| Smallest bend radius | 40 mm |
| Control | Negative (6-core) |
| Length | 5,000 mm |
| Maximum module length | 5,000 mm |
| Circuit type | Parallel conduction |
| LED Type | 2110 LED |

| Packing data | |
|-------------------------|--|
| Gross weight | 0.24 kg |
| Length of packaging | 240 mm |
| Packaging width | 220 mm |
| Packaging height | 15 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 |
| 17240000 | | | on/off | | | |

| Compatible Conroller | | | | | | |
|----------------------|-----------|-------|-----------------------------|--------|---------|-------|
| Article no. | Power min | Power | Control | Length | Width | Hight |
| 18157000 | 1 W | 240 W | ZigBee | 145 mm | 46.5 mm | 16 mm |
| 18190000 | 120 W | 240 W | Wireless technology control | 170 mm | 59 mm | 29 mm |

QUALITYFLEX Individual LED flex lighting Single RGB+TW, 5 m, 24**W / m, IP60**

Article no. 18526002

Light.
For Generations.

| 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 |
| 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 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 corner profile 53702070 | P62-14 | 2,000 mm | 24 mm | 19.4 mm |
| Surface-mounted corner profile 53385261 | ONE | | 24 mm | 19.4 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 |