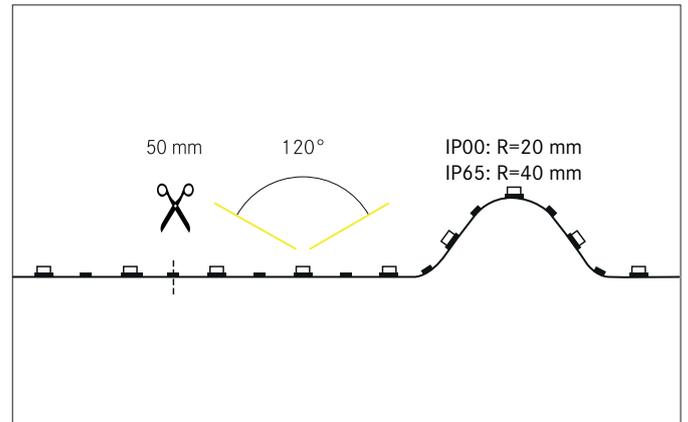
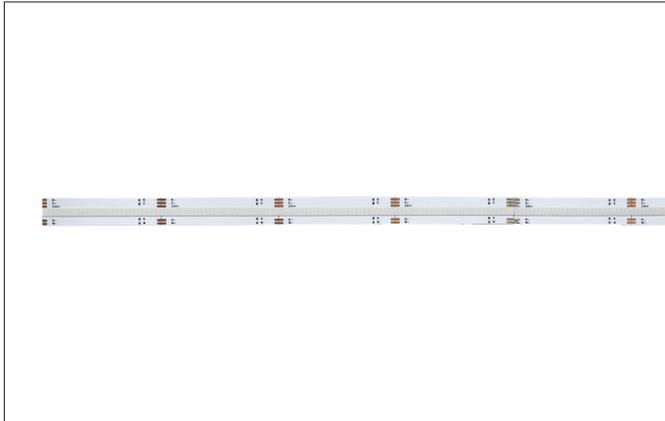


QUALITYFLEX COB-Vision RGBW LED-Flexplatine 5 m, CRI > 90, 16 W /
m, IP00
Article no. 18507002

Light.
For Generations.



Tender

RGBW LED-Flexplatine 5 m, CRI > 90, 16 W / m, IP00, white, 3.000K, CRI > 90. LED flex lighting for Length: 5000.0 mm Lamp power per meter: 16.0 W/m, Degree of protection: IP00, Protection class: III, Voltage: 24V , Beam angle: 120.0 °, 560 LEDs per meter. For individual application, the LED flex board can be used all 50 mm be cut back. The maximum system length of 5.000mm must not be exceeded with one feed-in.

Product Benefits

- Effektvolles Farbspiel und Weißlicht in einer LED-Flexplatine.
- RGBW Chip-on-Board LED Bestückung für homogenes Lichtbild.
- Variantenreiche Beleuchtung von Lichtvouten, Linearanwendungen und Lichtdecken.
- Lichtfarben: rot / grün / blau / weiß.
- Zahllose Mischfarben umsetzbar.
- Geeignet für Anwendungen im Innenbereich (IP00).
- Kompatibel mit unseren 4 Kanal 24 V DC-Steuerungen, RGBW.

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| Article data | |
|-------------------------------|--|
| Article no. | 18507002 |
| GTIN | 4251433955023 |
| Series name | QUALITYFLEX COB-Vision |
| Short description | RGBW LED-Flexplatine 5 m, CRI > 90, 16 W / m, IP00 |
| Colour | White |
| Length | 5,000 mm |
| Width | 12 mm |
| Height | 2 mm |
| Scope of delivery | incl. 1 x mounting instructions, 5 x identification labels |
| Weight | 0.125 kg |
| Length of the connection line | 500 mm |

| Lighting technology | |
|---------------------|---------------|
| Colour temperature | RGBW |
| Light colour | RGBW |
| Farbtemperatur 1 | 3,000 K |
| Lichtstrom 1 | 324 lm |
| Lichtstrom rot | 136 lm |
| Lichtstrom grün | 292 lm |
| Lichtstrom blau | 80 lm |
| System efficiency | 16 lm/W |
| McAdam-Step | McAdam-Step 3 |
| Colour rendering | CRI > 90 |
| Beam angle | 120° |

| Operating technology of the luminaire | |
|---------------------------------------|---|
| Lamp power per meter | 16 W/m |
| Voltage type | DC |
| DC nominal voltage max | 24 V |
| Lamp | LED |
| Protection class | III |
| Degree of protection | IP00 |
| Ambient temperature | -10 °C bis +40 °C |
| Dimmable | Yes |
| Wire number | 5 |
| Control | Dimming depending on driver |
| Length of the connection line | 500 mm |
| Kabelbelegung | schwarz = + weiß = - weiß blau = - blau grün = - grün rot = - rot |
| Design of the connecting cable | beidseitig |
| Bulb change possible | No |
| Rated life time L70/B50 at 25 °C | 52000 h |
| Energieeffizienzklasse | F |

| Operating technology of QualityFlex | |
|-------------------------------------|---------------------|
| Number of lamps per meter | 560 Qty |
| Length of individual sections | 50 mm |
| Smallest bend radius | 20 mm |
| Length | 5,000 mm |
| Maximum module length | 5,000 mm |
| Circuit type | Parallel conduction |
| LED Type | COB-LED |

QUALITYFLEX COB-Vision RGBW LED-Flexplatine 5 m, CRI > 90, 16 W /
m, IP00
Article no. 18507002

Light.
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| Packing data | |
|-------------------------|---|
| Gross weight | 0.15 kg |
| Length of packaging | 210 mm |
| Packaging width | 200 mm |
| Packaging height | 20 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 |
| 17240000 | | | on/off | | | |

| Compatible Controller | | | | | | |
|-----------------------|-----------|-------|-----------------------------|--------|---------|--------|
| Article no. | Power min | Power | Control | Length | Width | Height |
| 18151000 | 24 W | 240 W | KNX | 170 mm | 59 mm | 30 mm |
| 18152000 | 24 W | 240 W | DALI | 170 mm | 59 mm | 30 mm |
| 18153000 | 24 W | 240 W | DMX | 170 mm | 59 mm | 30 mm |
| 18154000 | 24 W | 240 W | 1-10 V | 170 mm | 59 mm | 30 mm |
| 18161000 | 24 W | 240 W | KNX | 72 mm | 90 mm | 70 mm |
| 18162000 | 24 W | 240 W | DALI | 54 mm | 110 mm | 66 mm |
| 18164000 | 24 W | 240 W | 1-10 V | 54 mm | 110 mm | 66 mm |
| 18223000 | 0 W | 240 W | Wireless technology control | | | |
| 18157000 | 48 W | 240 W | Zigbee | 145 mm | 46.5 mm | 16 mm |
| 18192000 | 120 W | 240 W | Wireless technology control | 160 mm | 45 mm | 18 mm |

QUALITYFLEX COB-Vision RGBW LED-Flexplatine 5 m, CRI > 90, 16 W /
m, IP00
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Light.
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| Compatible Profiles | | | | |
|---|-----------------|----------|---------|---------|
| Short description | Series name | Length | Width | Hight |
| Surface-mounted profile | P04-14 | 2,000 mm | 24 mm | 9 mm |
| Surface-mounted profile | P06-20 | 2,000 mm | 23 mm | 25.1 mm |
| LED-Anbauprofil | P30-30 | 2,000 mm | 33.4 mm | 29.6 mm |
| Surface-mounted profile | P16-16 | 2,000 mm | 18.8 mm | 18.6 mm |
| Surface-mounted profile, high | QUALITYFLEX ONE | | 17.6 mm | 15.9 mm |
| Recessed profile | P34-14 | 2,000 mm | 28 mm | 8 mm |
| Recessed profile | P36-20 | 2,000 mm | 30 mm | 20.4 mm |
| LED-Einbauprofil | P40-30 | 2,000 mm | 44.4 mm | 24 mm |
| Plaster profile | P37-30 | 2,000 mm | 63.4 mm | 15.9 mm |
| Plaster profile | P38-30 | 2,000 mm | 63.4 mm | 24 mm |
| Wall recessed profile | P32-12 | 2,000 mm | 19.1 mm | 81 mm |
| Surface-mounted corner profile | P62-14 | 2,000 mm | 24 mm | 19.4 mm |
| Surface-mounted corner profile | P63-14 | 2,000 mm | 17.5 mm | 17.5 mm |
| Surface-mounted corner profile | QUALITYFLEX ONE | | 24 mm | 19.4 mm |
| Wall surface-mounted profile | P73-12 | 2,000 mm | 17.8 mm | 46.1 mm |
| Wall surface-mounted profile | P74-14 | 2,000 mm | 18.5 mm | 55 mm |
| Ceiling recessed profile with wall mounting | P75-14 | 2,000 mm | 28 mm | 28 mm |