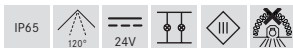
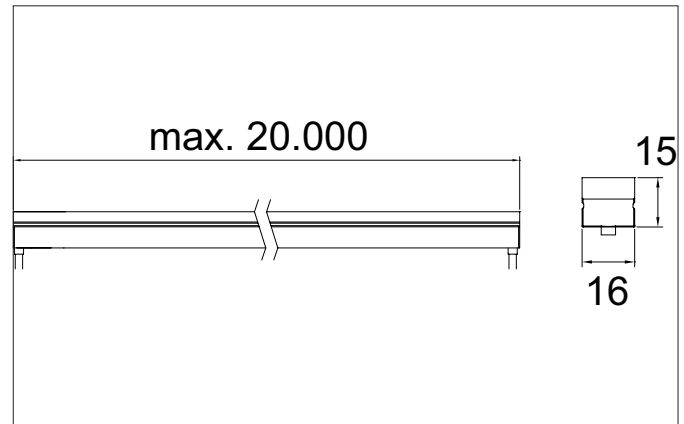
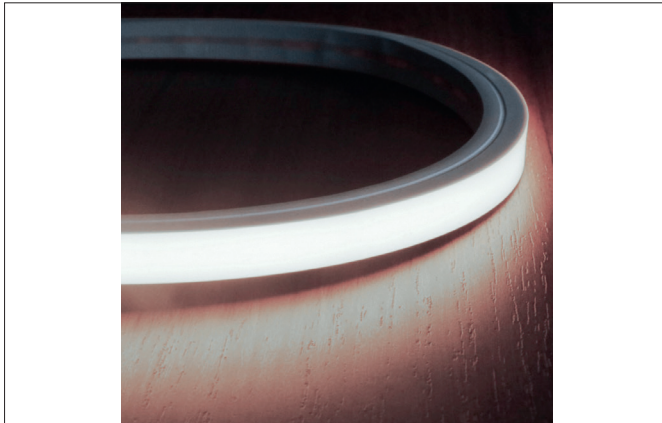




**QUALITYFLEX Protection Vertical Segment LED flex board 50 mm, CRI >90, 5 W / m, IP65**  
Article no. 75581004



**Tender**

Segment LED flex board 50 mm, CRI >90, 5 W / m, IP65, white, Light colour: white, 4.000K, CRI > 90. Length: 50 mm . Lamp power per meter: 5.0 W/m, Luminous flux per meter: 232.0 lm/m, Degree of protection: IP65, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 120 LEDs per meter, Chip distance (Short Pitch) : 8,33mm. For individual application, the LED flex board can be used all 50 mm be cut back. The maximum system length of 20.000 mm must not be exceeded with one feed-in.

**Product Benefits**

- max. length up to 20,000 mm, with a pitch of 50 mm.
- Suitable for indoor and outdoor applications (IP65).
- Divisible every 50 mm (protection class IP65).
- Ideal for terraces, facades and entrance areas.
- Service life L80/B10: 36,000 hours.
- Simple installation with matching aluminum profiles or mounting clips.
- Dimmable with appropriate accessories.



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 Article no. 75581004

| Article data      |                                                      |
|-------------------|------------------------------------------------------|
| Article no.       | 75581004                                             |
| GTIN              | 4255752502869                                        |
| Series name       | QUALITYFLEX Protection Vertical                      |
| Short description | Segment LED flex board 50 mm, CRI >90, 5 W / m, IP65 |
| Colour            | white                                                |
| Length            | 50 mm                                                |
| Width             | 16 mm                                                |
| Hight             | 15 mm                                                |
| Scope of delivery | incl. 1 x assembly instructions                      |
| Weight            | 0.03 kg                                              |
| Conformance       | CE, UKCA                                             |

| Lighting technology          |               |
|------------------------------|---------------|
| Colour temperature           | 4.000 K       |
| Light colour                 | white         |
| Luminous flux per meter      | 232 lm/m      |
| System efficiency            | 46 lm/W       |
| McAdam-Step                  | McAdam-Step 2 |
| Colour rendering             | CRI > 90      |
| Beam angle                   | 120°          |
| Adjustable color temperature | No            |

| Operating technology of the luminaire |                                |
|---------------------------------------|--------------------------------|
| Lamp power per meter                  | 5 W/m                          |
| Voltage type                          | DC                             |
| DC nominal voltage max                | 24 V                           |
| Lamp                                  | LED                            |
| Protection class                      | III                            |
| Degree of protection                  | IP65                           |
| Ambient temperature                   | -20°C up to +50°C              |
| Dimmable                              | Yes                            |
| Wire number                           | 2                              |
| Control                               | Depending on driver            |
| Cable assignment                      | red = + pole<br>black = - pole |
| Design of the connecting cable        | one-sided                      |
| Bulb change possible                  | No                             |
| Rated life time L70/B50 at 25 °C      | 54,000 h                       |
| Rated life time L80/B10 at 25 °C      | 36.000 h                       |
| Energy efficiency class               | E                              |

| Operating technology of QualityFlex |                     |
|-------------------------------------|---------------------|
| Power per meter                     | 5 W/m               |
| Short Pitch                         | 8.33 mm             |
| Number of lamps per meter           | 120 Qty             |
| Length of individual sections       | 50 mm               |
| Smallest bend radius                | 120 mm              |
| Length                              | 50 mm               |
| Maximum module length               | 20,000 mm           |
| Circuit type                        | Parallel conduction |
| LED Type                            | 2835 LED            |



**QUALITYFLEX Protection Vertical Segment LED flex board 50 mm, CRI >90, 5 W / m, IP65**  
 Article no. 75581004

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.034 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 490 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 440 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging height        | 40 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> |

| Required accessories                                                                                                                                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Article no.: 53250100<br>2-wire connection set, front                                                                                                                                                            |  |
| Dimensions: 27.9 mm x 20.4 mm x 19.4 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_53250100_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_53250100_2021_DE.pdf</a> |  |
| Article no.: 53250200<br>2-wire connection set, right-hand side                                                                                                                                                  |  |
| Dimensions: 27.9 mm x 20.4 mm x 19.4 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_53250200_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_53250200_2021_DE.pdf</a> |  |
| Article no.: 53250300<br>2-wire connection set, bottom                                                                                                                                                           |  |
| Dimensions: 27.9 mm x 20.4 mm x 19.4 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_53250300_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_53250300_2021_DE.pdf</a> |  |
| Article no.: 53253000<br>End cap set                                                                                                                                                                             |  |
| Dimensions: 27.9 mm x 20.4 mm x 19.4 mm<br><a href="https://www.brumberg.com/fileadmin/products/Datenblatt_53253000_2021_DE.pdf">https://www.brumberg.com/fileadmin/products/Datenblatt_53253000_2021_DE.pdf</a> |  |

| Compatible Driver |      |       |                     |        |       |       |
|-------------------|------|-------|---------------------|--------|-------|-------|
| Article no.       |      |       |                     |        |       |       |
| 17206000          |      |       |                     |        |       |       |
| 17207000          |      |       |                     |        |       |       |
| 17214000          |      |       |                     |        |       |       |
| 17223000          |      |       |                     |        |       |       |
| 17224000          |      |       |                     |        |       |       |
| 17225000          |      |       |                     |        |       |       |
| 17226000          |      |       |                     |        |       |       |
| 17227000          |      |       |                     |        |       |       |
| 17228000          |      |       |                     |        |       |       |
| 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          |      |       |                     |        |       |       |


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Article no. 75581004

| Compatible Controller |       |       |                             |        |         |       |
|-----------------------|-------|-------|-----------------------------|--------|---------|-------|
| Article no.           |       | Power | Control                     | Length | Width   | Hight |
| 17502000              | 1 W   | 120 W | DALI                        | 183 mm | 33 mm   | 23 mm |
| 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              | 120 W | 240 W | Wireless technology control | 145 mm | 46.5 mm | 16 mm |
| 17511000              | 120 W | 240 W | Wireless technology control | 145 mm | 46.5 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 |

| Compatible Profiles          |                                       |          |         |         |
|------------------------------|---------------------------------------|----------|---------|---------|
| Short description            | Series name                           | Length   | Width   | Hight   |
| Mounting profile<br>53580260 | QUALITYFLEX<br>Protection<br>Vertical | 1,000 mm | 20.5 mm | 17.6 mm |