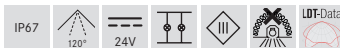
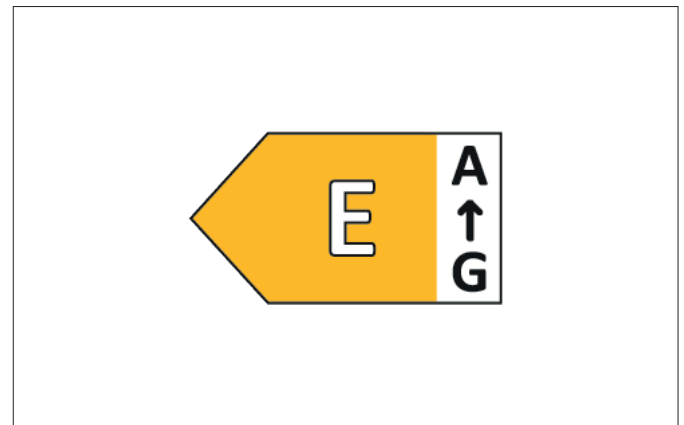
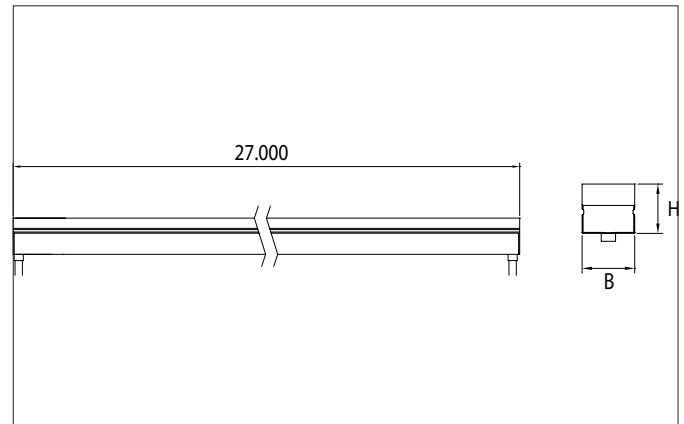
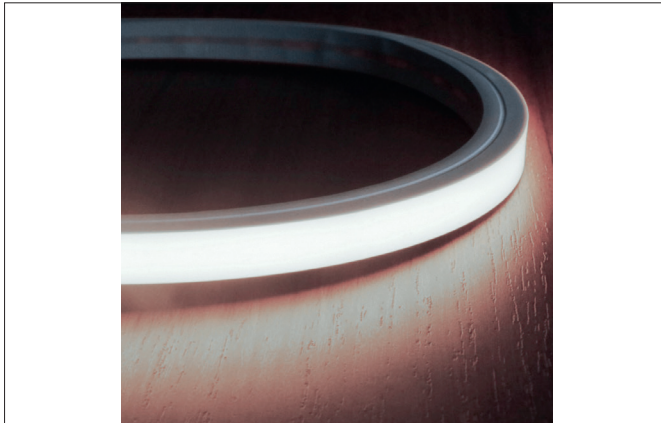




**QUALITYFLEX Protection Vertical LED flex board 27 m, CRI >90, 5 W / m, IP67**

Article no. 19581004



**Tender**

LED flex board 27 m, CRI >90, 5 W / m, IP67, white, Light colour: white, 4.000K, CRI > 90. Length: 27000 mm . Lamp power per meter: 5.0 W/m, Luminous flux per meter: 232.0 lm/m, Degree of protection: IP67, 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. If the LED flex board is shortened, the IP protection must be restored by the customer. The maximum system length of 27.000 mm must not be exceeded with one feed-in.

**Product Benefits**

- Suitable for indoor and outdoor applications (IP67).
- Can be divided every 50 mm (protection class IP65).
- Ideal for terraces, facades and entrance areas.
- Available lengths 5 m, 10 m or 27 m.
- Maximum length with one feed: 27,000 mm.
- Service life L80/B10: 36,000 hours.
- Simple installation with matching aluminum profiles or fixing clips.
- Dimmable with appropriate accessories.


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Article no. 19581004

| Article data                  |                                                            |
|-------------------------------|------------------------------------------------------------|
| Article no.                   | 19581004                                                   |
| GTIN                          | 4251433971405                                              |
| Series name                   | QUALITYFLEX Protection Vertical                            |
| Short description             | LED flex board 27 m, CRI >90, 5 W / m, IP67                |
| Colour                        | white                                                      |
| Length                        | 27,000 mm                                                  |
| Width                         | 16 mm                                                      |
| Hight                         | 15 mm                                                      |
| Scope of delivery             | incl. 1 x assembly instructions, 5 x identification labels |
| Weight                        | 16.4 kg                                                    |
| Length of the connection line | 1,000 mm                                                   |
| 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                  | IP67                           |
| Ambient temperature                   | -20°C up to +50°C              |
| Dimmable                              | Yes                            |
| Wire number                           | 2                              |
| Control                               | Depending on driver            |
| Length of the connection line         | 1,000 mm                       |
| 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                              | 27,000 mm           |
| Maximum module length               | 27,000 mm           |
| Circuit type                        | Parallel conduction |
| LED Type                            | 2835 LED            |


**QUALITYFLEX Protection Vertical LED flex board 27 m, CRI >90, 5 W / m, IP67**

Article no. 19581004

| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 17.8 kg                                                                                                                                                                                                                                                                                                                                                                        |
| Length of packaging     | 400 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 400 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging height        | 150 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.       |      |       |                     |        |       |       |
| 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          |      |       |                     |        |       |       |

| Compatible Controller |       |       |                             |        |         |        |
|-----------------------|-------|-------|-----------------------------|--------|---------|--------|
| Article no.           |       | Power | Control                     | Length | Width   | Height |
| 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  |



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| 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 |