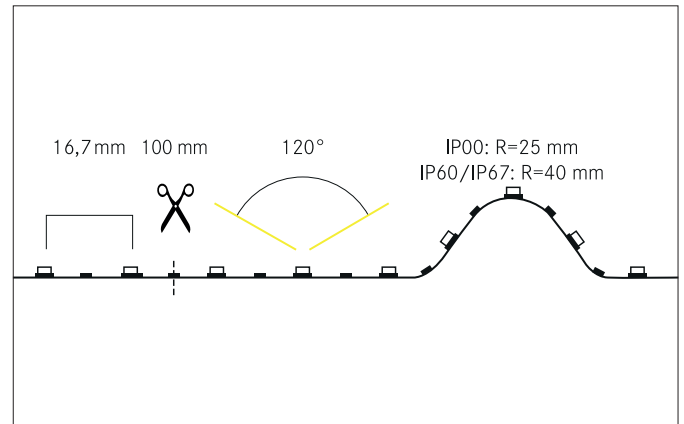




**QUALITYFLEX Select LED flex board, 5 m, CRI > 90, 4.8 W / m, IP67**

Article no. 15271006



**Tender**

LED flex board, 5 m, CRI > 90, 4.8 W / m, IP67, white, Light colour: red, CRI > 90. 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: 5000 mm . Lamp power per meter: 4.8 W/m, Luminous flux per meter: 96.0 lm/m, Degree of protection: IP67, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 60 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**

- Suitable for indoor and outdoor applications (IP67).
- Decorative illumination of furniture, objects and light coves.
- Length 5,000 mm with a pitch of 100 mm.
- Service life L80/B10: 50,000 hours.
- Optimum heat dissipation thanks to matching aluminum profiles.
- Dimmable with appropriate accessories.


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Article no. 15271006

| Article data                  |                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------|
| Article no.                   | 15271006                                                                                                      |
| GTIN                          | 4250047746188                                                                                                 |
| Series name                   | QUALITYFLEX Select                                                                                            |
| Short description             | LED flex board, 5 m, CRI > 90, 4.8 W / m, IP67                                                                |
| Colour                        | white                                                                                                         |
| Length                        | 5,000 mm                                                                                                      |
| Width                         | 11 mm                                                                                                         |
| Height                        | 4.8 mm                                                                                                        |
| Scope of delivery             | incl. 5 x end caps, 10 x plastic clips, 20 x screws, 1 x installation instructions, 5 x identification labels |
| Weight                        | 0.33 kg                                                                                                       |
| Length of the connection line | 350 mm                                                                                                        |
| Wide-fitting end cap          | 11 mm                                                                                                         |
| Height of the fitted end cap  | 4 mm                                                                                                          |
| Conformance                   | CE, UKCA                                                                                                      |

| Lighting technology          |               |
|------------------------------|---------------|
| Colour temperature           | red           |
| Light colour                 | red           |
| Luminous flux per meter      | 96 lm/m       |
| System efficiency            | 20 lm/W       |
| McAdam-Step                  | McAdam-Step 5 |
| Colour rendering             | CRI > 90      |
| Beam angle                   | 120°          |
| Adjustable color temperature | No            |

| Operating technology of the luminaire |                                |
|---------------------------------------|--------------------------------|
| Lamp power per meter                  | 4.8 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                           | 2                              |
| Control                               | Depending on driver            |
| Length of the connection line         | 350 mm                         |
| Cable assignment                      | red = + pole<br>black = - pole |
| Design of the connecting cable        | On both sides                  |
| Bulb change possible                  | No                             |
| Energy efficiency class               | not required                   |

| Operating technology of QualityFlex |                     |
|-------------------------------------|---------------------|
| Power per meter                     | 4.8 W/m             |
| Short Pitch                         | 16.7 mm             |
| Number of lamps per meter           | 60 Qty              |
| Length of individual sections       | 100 mm              |
| Smallest bend radius                | 40 mm               |
| Length                              | 5,000 mm            |
| Maximum module length               | 5,000 mm            |
| Circuit type                        | Parallel conduction |
| LED Type                            | 2835 LED            |


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| Packing data            |                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gross weight            | 0.378 kg                                                                                                                                                                                                                                                                                                                                                                       |
| Length of packaging     | 250 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging width         | 280 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Packaging height        | 20 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          |      |       |                     |        |       |       |
| 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 min. | Power max. | 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                          |  |  |  |  |
| Recessed profile<br>53654070               |  |  |  |  |
| LED recessed profile<br>53759070           |  |  |  |  |
| Wall recessed profile<br>53650260          |  |  |  |  |
| Plaster profile<br>53655070                |  |  |  |  |
| Plaster profile<br>53656070                |  |  |  |  |
| Surface-mounted profile<br>53602070        |  |  |  |  |
| Surface-mounted profile<br>53604080        |  |  |  |  |
| Surface-mounted profile<br>53603070        |  |  |  |  |
| LED surface-mounted profile<br>53606070    |  |  |  |  |
| Surface-mounted profile<br>53607080        |  |  |  |  |
| Surface-mounted profile, flat<br>53380261  |  |  |  |  |
| Surface-mounted profile, high<br>53381302  |  |  |  |  |
| Surface-mounted corner profile<br>53702070 |  |  |  |  |
| Surface-mounted corner profile<br>53703260 |  |  |  |  |
| Surface-mounted corner profile<br>53385261 |  |  |  |  |
| Flat profile P76-16<br>53756070            |  |  |  |  |
| Surface-mounted round profile<br>53760260  |  |  |  |  |