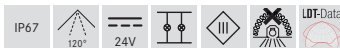
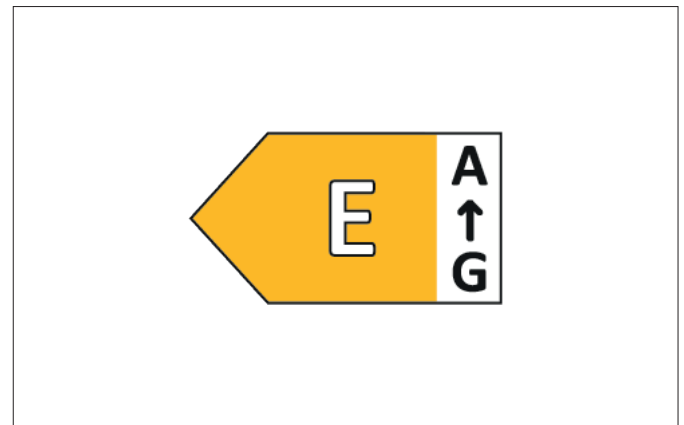
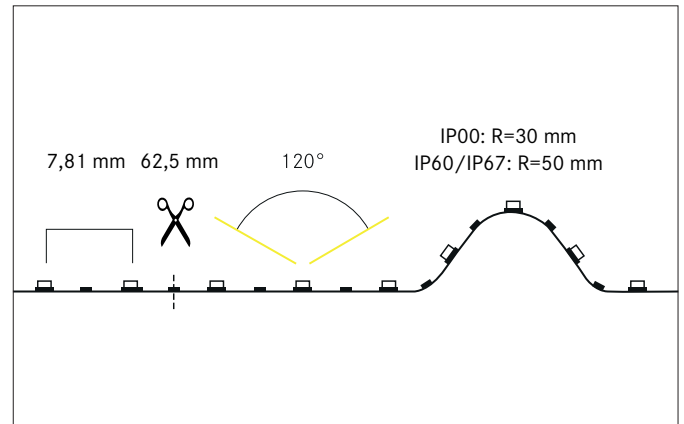




# **QUALITYFLEX Select HE LED flex lighting, 5 m, CRI > 90, 14,4 W / m, IP67**

Article no. 15573027



## **Tender**

LED flex lighting, 5 m, CRI > 90, 14,4 W / m, IP67, white, Light colour: white, 2.700K, CRI > 90. Length: 5000 mm . Lamp power per meter: 14.4 W/m, Luminous flux per meter: 1780.0 lm/m, Degree of protection: IP67, Protection class: III, Voltage: 24V DC, Beam angle: 120.0 °, 128 LEDs per meter, Chip distance (Short Pitch) : 7,81mm. For individual application, the LED flex board can be used all 62,5 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 use (IP67).
- 8 LEDs per segment.
- Direct lighting of work surfaces (e.g.: in the kitchen).
- Indirect lighting in living areas.
- Length 5000 mm with a pitch of 62.5 mm.
- Available in 2700 K, 3000 K, and 4000 K.
- Dimmable with appropriate accessories.


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| Article data                  |                                                            |
|-------------------------------|------------------------------------------------------------|
| Article no.                   | 15573027                                                   |
| GTIN                          | 4251433956594                                              |
| Series name                   | QUALITYFLEX Select HE                                      |
| Short description             | LED flex lighting, 5 m, CRI > 90, 14,4 W / m, IP67         |
| Colour                        | white                                                      |
| Length                        | 5,000 mm                                                   |
| Width                         | 12.5 mm                                                    |
| Height                        | 5 mm                                                       |
| Scope of delivery             | incl. 1 x mounting instructions, 5 x identification labels |
| Weight                        | 0.46 kg                                                    |
| Length of the connection line | 350 mm                                                     |
| Conformance                   | CE, UKCA                                                   |

| Lighting technology          |               |
|------------------------------|---------------|
| Colour temperature           | 2.700 K       |
| Light colour                 | white         |
| Luminous flux per meter      | 1,780 lm/m    |
| System efficiency            | 124 lm/W      |
| McAdam-Step                  | McAdam-Step 3 |
| Colour rendering             | CRI > 90      |
| Beam angle                   | 120°          |
| Adjustable color temperature | No            |

| Operating technology of the luminaire |                                |
|---------------------------------------|--------------------------------|
| System output                         | 72 W                           |
| Lamp power per meter                  | 14.4 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        | both sides                     |
| Bulb change possible                  | No                             |
| Rated life time L70/B50 at 25 °C      | 181,000 h                      |
| Rated life time L80/B10 at 25 °C      | 123,000 h                      |
| Energy efficiency class               | E                              |

| Operating technology of QualityFlex |                     |
|-------------------------------------|---------------------|
| Power per meter                     | 14.4 W/m            |
| Short Pitch                         | 7.81 mm             |
| Number of lamps per meter           | 128 Qty             |
| Length of individual sections       | 62.5 mm             |
| Smallest bend radius                | 50 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            | 0.563 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.       |      |       |                     |        |       |       |
| 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 | 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              | 1 W       | 240 W | Wireless technology control |        |         |        |
| 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          |  |  |  |  |
| Plaster profile<br>53655070               |  |  |  |  |
| Plaster profile<br>53656070               |  |  |  |  |
| Surface-mounted profile<br>53603070       |  |  |  |  |
| LED surface-mounted profile<br>53606070   |  |  |  |  |
| Surface-mounted profile, high<br>53381302 |  |  |  |  |