



# eW Flex Compact

## eW Flex Compact, 2700 K, Translucent Dome Lens, White Housing, 12 in on-center node spacing

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eW Flex Compact is a versatile strand of large, individually controllable white-light LED nodes. The flexible form factor allows dynamic points of white light to be installed across almost any interior or exterior surface, including walls, ceilings, floors, and three-dimensional sculptures. eW Flex Compact can also be used to light tight alcove spaces and signage.

### Product data

| General information      |                                              | Luminous intensity (peak value) on beam axis per node |                                               |
|--------------------------|----------------------------------------------|-------------------------------------------------------|-----------------------------------------------|
| Number of light sources  | 50 [ 50 pcs]                                 | 7 cd                                                  |                                               |
| Lamp family code         | LED-MD [ LED Multi-die]                      |                                                       |                                               |
| Light source replaceable | No                                           |                                                       |                                               |
| Driver included          | No                                           |                                                       |                                               |
| Optical cover/lens type  | TSDM12 [ Transparent dome 12 inch separated] |                                                       |                                               |
| CE mark                  | CE mark                                      |                                                       |                                               |
| ENEC mark                | -                                            |                                                       |                                               |
| UL mark                  | UL mark                                      |                                                       |                                               |
| Product recyclability    | 100%                                         |                                                       |                                               |
| EU RoHS compliant        | No                                           |                                                       |                                               |
| Light technical          |                                              | Operating and electrical                              |                                               |
| Luminance per node       | 10660 cd/m²                                  | Input Voltage                                         | 24 V                                          |
|                          |                                              | Controls and dimming                                  |                                               |
|                          |                                              | Dimmable                                              | Yes                                           |
|                          |                                              | Mechanical and housing                                |                                               |
|                          |                                              | Housing material                                      | Polycarbonate                                 |
|                          |                                              | Optic material                                        | Polycarbonate                                 |
|                          |                                              | Colour                                                | White                                         |
|                          |                                              | Approval and application                              |                                               |
|                          |                                              | Ingress protection code                               | IP66 [ Dust penetration-protected, jet-proof] |

## eW Flex Compact

|                              |                               |
|------------------------------|-------------------------------|
| Mech. impact protection code | IK10 [ 20 J vandal-resistant] |
| FCC mark                     | FCC Class A                   |

### Initial performance (IEC compliant)

|                                |        |
|--------------------------------|--------|
| Init. Corr. Colour Temperature | 2700 K |
| Initial input power            | 50 W   |

### Over time performance (IEC compliant)

|                                           |       |
|-------------------------------------------|-------|
| Lumen Maintenance 70% at 25 °C Calculated | 56000 |
| Lumen Maintenance 70% at 25 °C Reported   | 56000 |
| Lumen Maintenance 70% at 50 °C Calculated | 56000 |
| Lumen Maintenance 70% at 50 °C Reported   | 56000 |
| Lumen Maintenance 80% at 25 °C Calculated | 37000 |
| Lumen Maintenance 80% at 25 °C Reported   | 37000 |
| Lumen Maintenance 80% at 50 °C Calculated | 37000 |
| Lumen Maintenance 80% at 50 °C Reported   | 37000 |
| Lumen Maintenance 90% at 25 °C Calculated | 20000 |
| Lumen Maintenance 90% at 25 °C Reported   | 20000 |
| Lumen Maintenance 90% at 50 °C Calculated | 20000 |
| Lumen Maintenance 90% at 50 °C Reported   | 20000 |

### Application conditions

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

### Product data

|                                   |                                                                                                    |
|-----------------------------------|----------------------------------------------------------------------------------------------------|
| Full product code                 | 871829164583299                                                                                    |
| Order product name                | BGC481 50 2700K TSDM12 WH                                                                          |
| EAN/UPC – product                 | 8718291645832                                                                                      |
| Order code                        | 500-000012-06                                                                                      |
| SAP numerator – quantity per pack | 1                                                                                                  |
| Numerator – packs per outer box   | 6                                                                                                  |
| SAP material                      | 912400130625                                                                                       |
| Net Weight (Piece)                | 1.500 kg                                                                                           |
| Commercial Code                   | 500-000012-06                                                                                      |
| Catalogue number description      | eW Flex Compact, 2700 K, Translucent<br>Dome Lens, White Housing, 12 in on-<br>center node spacing |

