

# eW Cove MX Powercore

## eW Cove MX Powercore, 3000 K, 50° x 70° Beam Angle, 12.5 W/ft, 305 mm (1 ft)

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With its superior light output, wide beam angle, and range of fixed colors and color temperatures, eW Cove MX Powercore can be used for accent lighting and indirect general illumination, as well as the full range of wall and ceiling cove applications. This fixture meets or exceeds the performance of comparable linear fluorescent strip cove lights while lowering installation, energy, and maintenance costs. eW Cove MX Powercore offers environmentally conscious buyers a green, energy-efficient lighting solution without sacrificing quality or quantity of light. Integrated Powercore technology ensures rapid, efficient and accurate control of power output to the fixture directly from line voltage, eliminating the need for external power supplies. Use of standard wiring dramatically simplifies installation and helps lower total system cost.

### Product data

| General information | |
|---|---|
| **Number of light sources** | 10 [ 10 pcs] |
| **Lamp family code** | LED-HB [ LED High Brightness] |
| **Light source color** | Warm white |
| **Light source replaceable** | No |
| **Driver/power unit/transformer** | PSR [ Power supply unit regulating] |
| **Driver included** | Yes |
| **Optic type** | MB [ Medium beam] |
| **Optical cover/lens type** | PC [ Polycarbonate bowl/cover] |

| | |
|---|---|
| **Luminaire light beam spread** | 50° x 70° |
| **Protection class IEC** | Safety class I (I) |
| **Ready-to-install** | Ready-to-install |
| **Type description** | No |
| **CE mark** | CE mark |
| **UL mark** | UL and cUL mark |
| **CCC mark** | CCC mark |

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| Operating and electrical | |
|---|---|
| **Input Voltage** | 100 to 277 V |
| **Input Frequency** | 50 to 60 Hz |

| Controls and dimming | |
|---|---|
| **Dimmable** | Yes |

| Mechanical and housing | |
|---|---|
| **Housing Material** | Aluminum die–cast |
| **Optic material** | Polycarbonate |
| **Optical cover/lens material** | Polycarbonate |
| **Length** | 305 mm |
| **Color** | White |

| Approval and application | |
|---|---|
| **Ingress protection code** | IP20 [ Finger-protected] |
| **FCC mark** | FCC Class B |

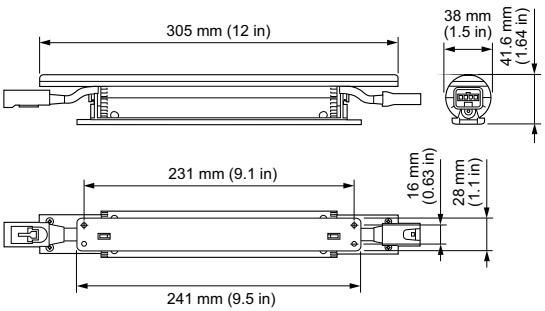
| Initial performance (IEC compliant) | |
|---|---|
| **Initial luminous flux (system flux)** | 446 lm |
| **Initial LED luminaire efficacy** | 36.9 lm/W |
| **Init. Corr. Color Temperature** | 3000 K |
| **Init. Color Rendering Index** | 83 |
| **Initial input power** | 12.5 W |

| Over time performance (IEC compliant) | |
|---|---|
| **Lumen Maintenance 50% at 25°C Calculated** | 100000 |
| **Lumen Maintenance 50% at 25°C Reported** | 65000 |
| **Lumen Maintenance 50% at 50°C Calculated** | 100000 |
| **Lumen Maintenance 50% at 50°C Reported** | 65000 |
| **Lumen Maintenance 70% at 25°C Calculated** | 100000 |
| **Lumen Maintenance 70% at 25°C Reported** | 65000 |
| **Lumen Maintenance 70% at 50°C Calculated** | 100000 |
| **Lumen Maintenance 70% at 50°C Reported** | 65000 |

| Application conditions | |
|---|---|
| **Ambient temperature range** | -20 to +50 °C |
| **Maximum dim level** | 10% (depends on dimmer, ELV) |
| **Suitable for random switching** | Yes |

| Product data | |
|---|---|
| **Full product code** | 871794379651999 |
| **Order product name** | BCX416 10xLED-HB-3000 100-277V MB |
| **EAN/UPC - Product** | 8717943796519 |
| **Order code** | 523-000050-05 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 20 |
| **Material Nr. (12NC)** | 910503700983 |
| **Net Weight (Piece)** | 0.460 kg |
| **Commercial Code** | 523-000050-05 |
| **Commercial Code** | eW Cove MX Powercore, 3000 K, 50° x 70° Beam Angle, 12.5 W/ft, 305 mm (1 ft) |

## Dimensional drawing




**BCX416 10xLED-HB-3000 100-277V MB**

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www.lighting.philips.com
2023, April 6 - data subject to change