



# eW Cove MX Powercore Precision Dimming

**eW Cove MX Powercore, 3500 K, 125° x 120° 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 colours and colour temperatures, eW Cove MX Powercore Precision Dimming 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 Precision Dimming 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.

## Product data

| General information           |                                     |                             |                                |
|-------------------------------|-------------------------------------|-----------------------------|--------------------------------|
| Number of light sources       | 10 [ 10 pcs]                        | Optic type                  | WB [ Wide beam]                |
| Lamp family code              | LED-HB [ LED High Brightness]       | Optical cover/lens type     | PC [ Polycarbonate bowl/cover] |
| Lamp colour code              | Neutral white                       | Luminaire light beam spread | 125° x 120°                    |
| Light source replaceable      | No                                  | Protection class IEC        | Safety class I (I)             |
| Driver/power unit/transformer | PSR [ Power supply unit regulating] | Ready-to-install            | Ready-to-install               |
| Driver included               | Yes                                 | Type description            | No                             |
|                               |                                     | CE mark                     | CE mark                        |

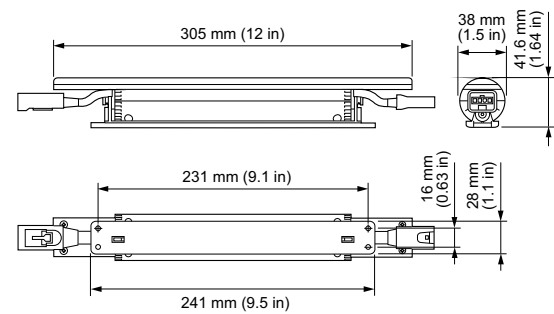
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|  |                          |
|--|--------------------------|
| UL mark  | UL and cUL mark          |
| CCC mark   | CCC mark                 |
| Operating and electrical                         |                          |
| Input Voltage                                    | 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                   |
| Colour   | White                    |
| Approval and application                         |                          |
| Ingress protection code                          | IP20 [ Finger-protected] |
| FCC mark   | FCC Class B              |
| Initial performance (IEC compliant)              |                          |
| Initial luminous flux (system flux)              | 576 lm                   |
| Initial LED luminaire efficacy                   | 48.4 lm/W                |
| Lamp colour temperature                          | 3500 K                   |
| Colour Rendering Index                           | 84                       |
| 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 dimming level                     | 10% (depends on dimmer, ELV)   |
| Suitable for random switching             | Yes  |
| Product data                              |  |
| Full product code                         | 871829137627999  |
| Order product name                        | BCX416 10xLED-HB/3500 100-277V WB  |
| EAN/UPC – product                         | 8718291376279  |
| Order code                                | 523-000050-19  |
| SAP numerator – quantity per pack         | 1  |
| Numerator – packs per outer box           | 20   |
| SAP material                              | 910503701728   |
| Net Weight (Piece)                        | 0.400 kg   |
| Commercial Code                           | 523-000050-19  |
| Commercial Code                           | eW Cove MX Powercore, 3500 K, 125° x 120° Beam Angle, 12.5 W/ft, 305 mm (1 ft) |



Dimensional drawing



BCX416 10xLED-HB/3500 100-277V WB

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