



eW Cove MX Powercore

BCX416 10xLED-HB-2700 100-277V MB

2700 K - 50° x 70° - Medium beam - 305 mm - White

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		Ready-to-install	Ready-to-install
Number of light sources	10 [10 pcs]	Type description	No
Lamp family code	LED-HB [LED High Brightness]	CE mark	CE mark
Light source colour	Warm white	UL mark	UL and cUL mark
Light source replaceable	No	CCC mark	CCC mark
Driver/power unit/transformer	PSR [Power supply unit regulating]	FCC mark	FCC Class B
Driver included	Yes	Operating and Electrical	
Optic type	MB [Medium beam]	Input voltage	100 to 277 V
Optical cover/lens type	PC [Polycarbonate bowl/cover]	Input frequency	50 to 60 Hz
Luminaire light beam spread	50° x 70°		
Protection class IEC	Safety class I (I)		

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Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminum die-cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	305 mm

Approval and Application

Ingress protection code	IP20 [Finger-protected]
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Initial Performance (IEC Compliant)

Initial luminous flux	384 lm
Initial luminous flux at color temperature of 2700 K	384 lm
Initial LED luminaire efficacy	34.9 lm/W
Init. Corr. colour temperature	2700 K
Init. colour 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

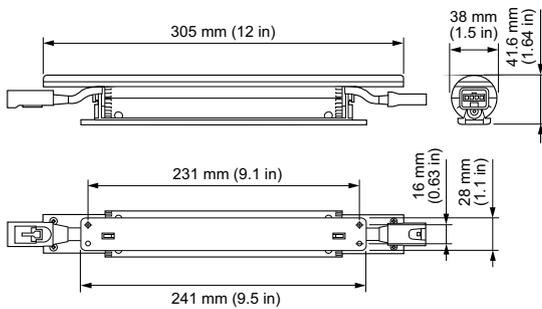
Application Conditions

Ambient temperature range	-20 to +50 °C
Maximum dimming level	10% (depends on dimmer, ELV)
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871794379650299
Order product name	BCX416 10xLED-HB-2700 100-277V MB
EAN/UPC – product	8717943796502
Order code	79650299
Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	910503700979
Net weight (piece)	0.460 kg

Dimensional drawing



Cove

