



# eW Cove MX Powercore Precision Dimming

## BCX416 10xLED-HB/2700 100-277V L1220 WB

2700 K - 125° x 120° - Wide beam - 1220 mm - White

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]
Lamp family code	LED-HB [ LED High Brightness]
Light source colour	Warm white
Light source replaceable	No
Driver/power unit/transformer	PSR [ Power supply unit regulating]
Driver included	Yes
Optic type	WB [ Wide beam]
Optical cover/lens type	PC [ Polycarbonate bowl/cover]
Luminaire light beam spread	125° x 120°

Protection class IEC	Safety class I
Ready-to-install	Ready-to-install
Type description	No
CE mark	CE mark
UL mark	UL and cUL mark
CCC mark	CCC mark

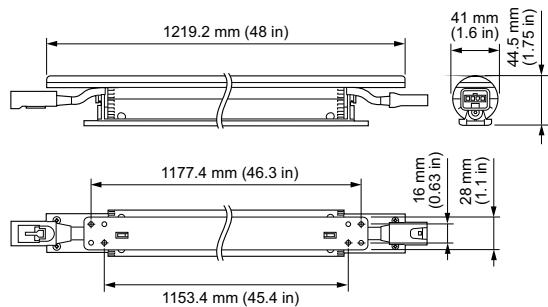
  

Operating and Electrical	
Input voltage	100 to 277 V

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Input frequency	50 to 60 Hz	Lumen Maintenance 50% at 50°C Calculated	100000
<b>Controls and Dimming</b>		Lumen Maintenance 50% at 50°C Reported	65000
Dimmable	Yes	Lumen Maintenance 70% at 25°C Calculated	100000
<b>Mechanical and Housing</b>		Lumen Maintenance 70% at 25°C Reported	65000
Housing material	Aluminium die-cast	Lumen Maintenance 70% at 50°C Calculated	100000
Optic material	Polycarbonate	Lumen Maintenance 70% at 50°C Reported	65000
Optical cover/lens material	Polycarbonate		
Length	1220 mm		
<b>Approval and Application</b>			
Ingress protection code	IP20 [ Finger-protected]	<b>Application Conditions</b>	
<b>Initial Performance (IEC Compliant)</b>		Ambient temperature range	-20 to +50 °C
Initial luminous flux	2303 lm	Maximum dimming level	10% (depends on dimmer, ELV)
Initial luminous flux at color temperature of 2700 K	2303 lm	Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)
Initial LED luminaire efficacy	43.9 lm/W		
Init. Corr. colour temperature	2700 K		
Init. colour rendering index	80		
Initial input power	50 W		
<b>Over Time Performance (IEC Compliant)</b>			
Lumen Maintenance 50% at 25°C Calculated	100000		
Lumen Maintenance 50% at 25°C Reported	65000		

## Dimensional drawing



Cove

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2019, February 11 - data subject to change