



eW Cove MX Powercore

BCX416 10xLED-HB/4000 100-277V L1220 WB

4000 K - 125° x 120° - Wide beam - 1220 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

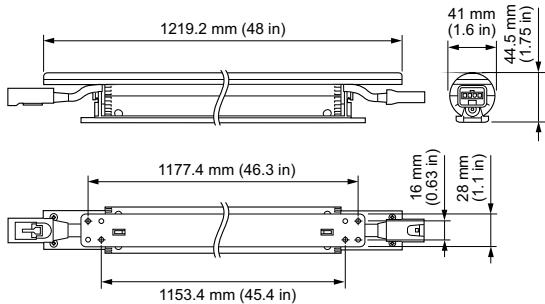
General Information	
Number of light sources	10 [10 pcs]
Lamp family code	LED-HB [LED High Brightness]
Light source colour	Neutral white
Light source replaceable	No
Driver/power unit/transformer	PSR [Power supply unit regulating]
Driver included	Yes
Optic type	WB [Wide beam]
Optical cover/lens type	PC [Polycarbonate bowl/cover]
Luminaire light beam spread	125° x 120°
Protection class IEC	Safety class I (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
Input frequency	50 to 60 Hz

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Controls and Dimming		Performance	
Dimmable	Yes	Lumen Maintenance 50% at 50°C Reported	65000
Mechanical and Housing		Lumen Maintenance 70% at 25°C Calculated	100000
Housing material	Aluminum die-cast	Lumen Maintenance 70% at 25°C Reported	65000
Optic material	Polycarbonate	Lumen Maintenance 70% at 50°C Calculated	100000
Optical cover/lens material	Polycarbonate	Lumen Maintenance 70% at 50°C Reported	65000
Length	1220 mm		
Approval and Application		Application Conditions	
Ingress protection code	IP20 [Finger-protected]	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)
Initial Performance (IEC Compliant)		Product Data	
Initial luminous flux	2809 lm	Full product code	871829137860099
Initial luminous flux at color temperature of 4000 K	2809 lm	Order product name	BCX416 10xLED-HB/4000 100-277V L1220 WB
Initial LED luminaire efficacy	53.1 lm/W	EAN/UPC – product	8718291378600
Init. Corr. colour temperature	4000 K	Order code	37860099
Init. colour rendering index	83	Numerator – quantity per pack	1
Initial input power	50 W	Numerator – packs per outer box	6
Over Time Performance (IEC Compliant)		Material no. (12NC)	910503702753
Lumen Maintenance 50% at 25°C Calculated	100000	Net weight (piece)	1.800 kg
Lumen Maintenance 50% at 25°C Reported	65000		
Lumen Maintenance 50% at 50°C Calculated	100000		

Dimensional drawing



Cove

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www.lighting.philips.com
2019, February 11 - data subject to change