



# eW Cove MX Powercore

# eW Cove MX Powercore, 3500 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 colour	Neutral 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]	

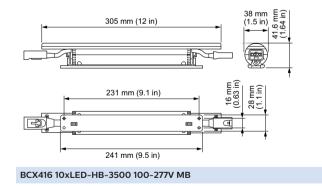
Luminaire light beam spread	50° x 70°		
Protection class IEC	Safety class I (I)		
Ready-to-install	Ready-to-install	Ready-to-install	
Type description	No		
CE mark	CE mark		
UL mark	UL and cUL mark	UL and cUL mark	
CCC mark	CCC mark	CCC mark	

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Operating and electrical		Lumen Maintenance 50% at 50 °C
Input Voltage	100 to 277 V	Calculated
Input frequency	50 to 60 Hz	Lumen Maintenance 50% at 50 °C Reporte
		Lumen Maintenance 70% at 25 °C Calculate
Controls and dimming		Lumen Maintenance 70% at 25 °C Reported
Dimmable	Yes	Lumen Maintenance 70% at 50 °C Calculat
		Lumen Maintenance 70% at 50 °C Reporte
Mechanical and housing		
Housing material	Aluminum die–cast	Application conditions
Optic material	Polycarbonate	Ambient temperature range
Optical cover/lens material	Polycarbonate	Maximum dimming level
Length	305 mm	Suitable for random switching
Colour	White	
		Product data
Approval and application		Full product code
Ingress protection code	IP20 [ Finger-protected]	Order product name
FCC mark	FCC Class B	EAN/UPC – product
		Order code
Initial performance (IEC complian	t)	SAP numerator – quantity per pack
Initial luminous flux (system flux)	476 lm	Numerator – packs per outer box
Initial LED luminaire efficacy	40.0 lm/W	SAP material
Init. Corr. Colour Temperature	3500 K	Net Weight (Piece)
Init. Colour rendering index	84	Commercial Code
Initial input power	12.5 W	Catalogue number description
Over time performance (IEC comp	liant)	
Lumen Maintenance 50% at 25 °C Calcu	llated 100000	
Lumen Maintenance 50% at 25 °C Repo	rted 65000	

Lumen Maintenance 50% at 50 °C	100000
Calculated	
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	871794379652699
Order product name	BCX416 10xLED-HB-3500 100-277V MB
EAN/UPC – product	8717943796526
Order code	523-000050-09
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	910503700987
Net Weight (Piece)	0.460 kg
Commercial Code	523-000050-09
Catalogue number description	eW Cove MX Powercore, 3500 K, 50° x 70°
	Beam Angle, 12.5 W/ft, 305 mm (1 ft)

### Dimensional drawing



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