



eW Cove MX Powercore

eW Cove MX Powercore, 4000 K, 125° x 120° Beam Angle, 12.5 W/ft, 305 mm (1 ft)

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eW Cove MX Powercore delivers the highest light output in the line of solid white linear cove lights from Color Kinetics. 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. eW Cove MX Powercore 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.

Product data

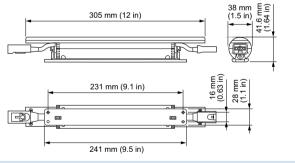
General information		Ready-to-install	Ready-to-install
Number of light sources	10 pcs	Type description	-
Lamp family code	LED-HB [LED High Brightness]	CE mark	CE mark
Light source color	Neutral white	UL mark	UL and cUL mark
Light source replaceable	No	CCC mark	CCC mark
Driver/power unit/transformer	Power supply unit regulating		
Driver included	Yes	Operating and electrical	
Optic type	Wide beam	Input Voltage	100 to 277 V
Optical cover/lens type	Polycarbonate bowl/cover	Input Frequency	50 to 60 Hz
Luminaire light beam spread	125° x 120°		
Protection class IEC	Safety class I		

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Controls and dimming		Lumen Maintenance 50% at 50°C
Dimmable	Yes	Lumen Maintenance 70% at 25°C
		Lumen Maintenance 70% at 25°C
Mechanical and housing		Lumen Maintenance 70% at 50°C
Housing Material	Aluminum die cast	Lumen Maintenance 70% at 50°C
Optic material	Polycarbonate	
Optical cover/lens material	Polycarbonate	Application conditions
Length	305 mm	Ambient temperature range
Color	White	Maximum dim level
		Suitable for random switching
Approval and application		
Ingress protection code	IP20 [Finger-protected]	Product data
FCC mark	FCC Class B	Full product code
		Order product name
Initial performance (IEC compliant)		EAN/UPC - Product
Initial luminous flux (system flux)	696 lm	Order code
Initial luminous flux at color temperature of	696 lm	Numerator - Quantity Per Pack
4000 K		Numerator - Packs per outer box
Initial LED luminaire efficacy	53.1 lm/W	Material Nr. (12NC)
Init. Corr. Color Temperature	4000 K	Net Weight (Piece)
Init. Color Rendering Index	83	Catalog Number
Initial input power	12.5 W	Catalog Number Description
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 dim level	10% (depends on dimmer, ELV)
Suitable for random switching	Yes
Product data	
Full product code	871829137628699
Order product name	BCX416 10xLED-HB/4000 100-277V WB
EAN/UPC - Product	8718291376286
Order code	523-000050-20
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	910503701729
Net Weight (Piece)	0.400 kg
Catalog Number	523-000050-20
Catalog Number Description	eW Cove MX Powercore, 4000 K, 125° x
	120° Beam Angle, 12.5 W/ft, 305 mm (1 ft)

Dimensional drawing



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

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