PHILIPS Lighting



eW Cove MX **Powercore**

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

2700 K - 50° x 70° - Medium beam - 3<mark>05 m</mark>m - 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
Number of light sources	10 [10 pcs]	Type description
Lamp family code	LED-HB [LED High Brightness]	CE mark
Light source colour	Warm white	UL mark
Light source replaceable	No	CCC mark
Driver/power unit/transformer	PSR [Power supply unit regulating]	
Driver included	Yes	Operating and Electrical
Optic type	MB [Medium beam]	Input voltage
Optical cover/lens type	PC [Polycarbonate bowl/cover]	Input frequency
Luminaire light beam spread	50° x 70°	
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	

eW Cove MX Powercore

Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing material	Aluminum die-cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Length	305 mm
Colour	White
Approval and Application	
ngress protection code IP20 [Finger-protected]	

Initial Performance (IEC Compliant)	
Initial luminous flux	384 lm
Initial luminous flux at color temperature of	384 lm
2700 K	
Initial LED lumin <mark>aire e</mark> fficacy	34.9 lm/W
Init. Corr. colour <mark>temp</mark> erature	2700 K
Init. colour rend <mark>ering i</mark> ndex	83
Initial input pow <mark>er</mark>	12.5 W
Over Time Performance (IEC Compliant	:)
Lumen Maintenance 50% at 25°C Calculated	100000
Lumen Maintenance 50% at 25°C Reported	65000

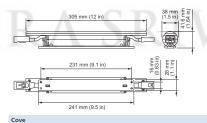
Dimensional drawing

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 ℃ 10% (depends on dimmer, ELV) Yes	
Maximum dimming level		
Suitable for random switching		

Product Data	
Full product code	871794379650299
Order product name	BCX416 10xLED-HB-2700 100-277V ME
EAN/UPC – product	8717943796502
Order code	79650299
Numerator – <mark>quanti</mark> ty pe <mark>r pack</mark>	1
Numerator <mark>- pack</mark> s per out <mark>er box</mark>	20
Material no. (12NC)	910503700979
Net weight (piece)	0.460 kg



Datasheet, 2019, September 20

eW Cove MX Powercore

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