PHILIPS Lighting



eW Cove EC Powercore

BCX422 2700 HE L305 CE/CCC

2700 K - 220 to 240 V - 110° x 110° - 305 mm - Dark gray

eW Cove EC Powercore is a dimmable, linear LED luminaire that provides an affordable, energy-efficient alternative to traditional cove lighting in applications requiring white light. With its low profile, rotating housing and flexible end-to-end locking power connectors, eW Cove EC Powercore is the perfect choice for a wide range of interior retail, exhibit, hospitality, and architectural settings.

Product data

General Information	
Lamp family code	LED-HB [LED High Brightness]
Light source color	Warm white
Lamp system description	High efficiency
Light source replaceable	No
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	110° x 110°
Protection class IEC	Safety class II
Ready-to-install	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable
	surfaces
Type description	-
CE mark	CE mark
ENEC mark	-

UL mark	UL mark	
CCC mark	CCC mark	
Operating and Electrical		
Input Voltage	220 to 240 V	
Input Frequency	50 to 60 Hz	
Controls and Dimming		
Dimmable	Yes	
Mechanical and Housing		
Housing Material	Plastic	
Optic material	Polycarbonate	
Optical cover/lens material	Polycarbonate	
Length	305 mm	
Color	Dark gray	

Datasheet, 2019, June 7

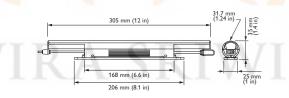
data subject to change

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Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	228 lm
Initial luminous flux at color temperature of	228 lm
2700 K	
Initial LED luminaire efficacy	74.4 lm/W
nit. Corr. Color Temperature	2700 K
init. Color Rendering Index	83
Initial chromaticity	(0.453, 0.405) SDCM <2
Initial input power	3.3 W

Over Time Performance (IEC Compliant)
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	37000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	37000
Lumen Maintenance 80% at 25°C Calculated	100000
Lumen Maintenance 80% at 25°C Reported	37000
Lumen Maintenance 80% at 50°C Calculated	100000
Lumen Maintenance 80% at 50°C Reported	37000

Dimensional drawing



Cove



Lumen Maintenance 90% at 25°C Calculated

Lumen Maintenance 90% at 50°C Calculated

Lumen Maintenance 90% at 50°C Reported

Application Conditions Ambient temperature range

Suitable for random switching

Numerator - Quantity Per Pack

Numerator - Packs per outer box

Product Data Full product code

Order product name

EAN/UPC - Product

Material Nr. (12NC)

Net Weight (Piece)

Order code

Lumen Maintenance 90% at 25°C Reported

47000

37000

47000

37000

Yes

25

-20 to +50 °C

871829164041799

912400133264

912400133264

0.166 kg

BCX422 2700 HE L305 CE/CCC 8718291640417

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www.lighting.philips.com 2019, June 7 - data subject to change