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 fixture that provides an affordable, energy-efficient alternative to traditional cove lighting in applications requiring white or solid-color light. With its low profile, rotating housing, flexible end-to-end locking power connectors, and range of colors and color temperatures, eW Cove EC Powercore is the perfect choice for a wide range of interior retail, exhibit, hospitality, and architectural settings, especially where space is tight.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 mounting and wiring dramatically simplifies installation.

Product data

General Information

Lamp family code	LED-HB [LED High Brightness]
Light source colour	Warm white
Lamp system description	High efficiency
Light source replaceable	No
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optical cover/lens type	PC [Polycarbonate bowl/cover]
Luminaire light beam spread	110° x 110°
Protection class IEC	Safety class II (II)
Ready-to-install	–

Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
Type description	No
CE mark	CE mark
ENEC mark	–
UL mark	UL mark
CCC mark	CCC mark
FCC mark	FCC Class B

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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

Approval and Application

Ingress protection code	IP20 [Finger-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	228 lm
Initial luminous flux at color temperature of 2700 K	228 lm
Initial LED luminaire efficacy	74.4 lm/W
Init. Corr. colour temperature	2700 K
Init. colour 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

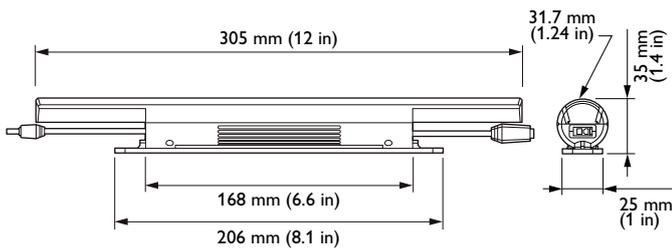|	
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	37000
Lumen Maintenance 80% at 25°C Calculated	100000
Lumen Maintenance 80% at 25°C Reported	37000
Lumen Maintenance 80% at 50°C Calculated	100000
Lumen Maintenance 80% at 50°C Reported	37000
Lumen Maintenance 90% at 25°C Calculated	47000
Lumen Maintenance 90% at 25°C Reported	37000
Lumen Maintenance 90% at 50°C Calculated	47000
Lumen Maintenance 90% at 50°C Reported	37000

Application Conditions

Ambient temperature range	–20 to +50 °C
Suitable for random switching	Yes (relates to presence/ movement detection and daylight harvesting)

Product Data

Full product code	871829164041799
Order product name	BCX422 2700 HE L305 CE/CCC
EAN/UPC – product	8718291640417
Order code	64041799
Numerator – quantity per pack	1
Numerator – packs per outer box	25
Material no. (12NC)	912400133264
Net weight (piece)	0.166 kg

Dimensional drawing

305 mm (12 in)

31.7 mm (1.24 in)

35 mm (1.4 in)

168 mm (6.6 in)

25 mm (1 in)

206 mm (8.1 in)

Cove

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