eW Cove EC Powercore

BCX422 2700 HE L152 KIT CE/CCC

LED High Brightness - Power supply unit - Polycarbonate bowl/cover - 110° x 110°

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)

Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
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	152 mm
Colour	Dark gray

Approval and Application

Ingress protection code	IP20 [Finger-protected]

Initial Performance (IEC Compliant)

Initial luminous flux	111 lm
Initial luminous flux at color temperature of 2700 K	111 lm
Initial LED luminaire efficacy	64 lm/W
Init. Corr. colour temperature	2700 K
Init. colour rendering index	83
Initial input power	2.3 W

Over Time Performance (IEC Compliant)

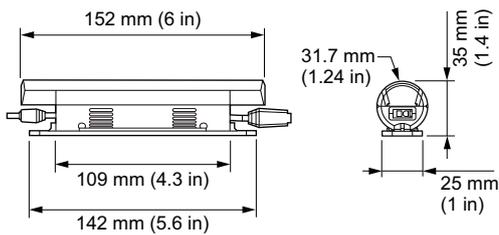|	
Lumen Maintenance 70% at 25°C Calculated	100000
Lumen Maintenance 70% at 25°C Reported	37000
Lumen Maintenance 70% at 50°C Calculated	100000
Lumen Maintenance 70% at 50°C Reported	37000
Lumen Maintenance 80% at 25°C Calculated	100000
Lumen Maintenance 80% at 25°C Reported	37000
Lumen Maintenance 80%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

Product Data

Full product code	871829164053099
Order product name	BCX422 2700 HE L152 KIT CE/CCC
EAN/UPC – product	8718291640530
Order code	64053099
Numerator – quantity per pack	1
Numerator – packs per outer box	20
Material no. (12NC)	912400133252
Net weight (piece)	0.303 kg

F/ 650°C IP 20

Dimensional drawing

152 mm (6 in)
31.7 mm (1.24 in)
35 mm (1.4 in)
109 mm (4.3 in)
25 mm (1 in)
142 mm (5.6 in)

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