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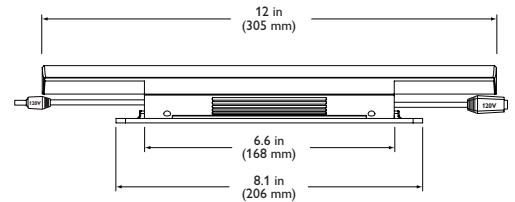
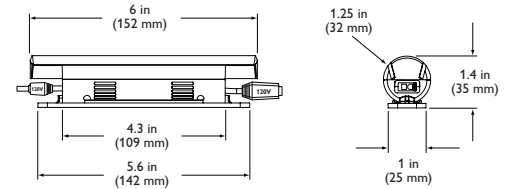
eW Cove EC Powercore

4000 K, 12 in (305 mm)

Dimmable, efficient LED cove light for interior alcoves and niches

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.

- Integrates patented Powercore® technology — Powercore rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage, eliminating the need for an external power supply. Contractor-friendly installation dramatically simplifies installation and lowers total system cost.
- Warm and cool color temperatures — Warm 2700 K fixtures are appropriate for intimate, open environments such as restaurants and hotel lobbies. Cool 4000 K color temperatures are appropriate for lighting clean and efficient spaces such as offices, classrooms, and hospitals.
- Superior binning algorithm sets new standard for color consistency — eW Cove EC Powercore exceeds the recognized standards for color quality to guarantee uniformity and consistency of hue and color temperature across LEDs, fixtures, and manufacturing runs.
- Support for multiple voltages — eW Cove EC Powercore accepts power input of 100, 120, or 220 – 240 VAC for consistent installation and operation from line voltage in a variety of locations.
- Smooth dimming capability — Patented DIMand® technology offers smooth dimming capability with standard ELV-type dimmers.
- Compact and flexible — eW Cove EC Powercore low-profile fixtures fit in narrow alcoves, display cases, light boxes, and other tight spaces where light sources requiring



ballasts, external power supplies, and other auxiliary equipment can not. Sizes of 12 in (305 mm) and 6 in (152 mm) offer further flexibility in positioning.

- Easy installation — Powercore delivers line voltage directly to the fixtures, simplifying installation by eliminating the need for external power supplies and allowing long product runs. Easy-to-install 4 ft (1.2 m) mounting tracks allow quick project setup in linear applications.
- Flexible mounting and positioning — With end-to-end locking power connectors that can make 180° turns, eW Cove EC Powercore fixtures are easy to position in even the most challenging mounting circumstances. Fixtures rotate in 10° increments through a full 180° for precise aiming and beam mixing. Optional mounting tracks support vertical and overhead positioning. 1 ft (305 mm) and 5 ft (1.5 m) jumper cables can add extra space between fixtures.

For detailed product information, please refer to the eW Cove EC Powercore Product Guide at www.colorkinetics.com/ls/essentialwhite/ewcoveecpl/.

PHILIPS

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details	
Output	Color Temperature	4000 K*	
	Beam Angle	110° x 110°	
	Lumens†	172	
	Efficacy (lm / W)	56.9	
	CRI	83	
	Lumen Maintenance‡	70,000 hours L70 @ 25° C 50,000 hours L70 @ 50° C 90,000 hours L50 @ 25° C 70,000 hours L50 @ 50° C	
Electrical	Input Voltage	100 / 120 / 220 – 240 VAC, auto-switching, 50 / 60 Hz	
	Power Consumption	3.0 W maximum at full output, steady state	
	Power Factor	.96 @ 120 VAC	
Control	Dimming	Compatible with many commercially available ELV, trailing edge, or reverse-phase control dimmers§	
Physical	Dimensions (Height x Width x Depth)	1.25 x 12 x 1.4 in (32 x 305 x 35 mm)	
	Weight	0.31 lbs (142 g)	
	Housing	Injection-molded plastic, dark-gray finish	
	Lens	Clear polycarbonate	
	Fixture Connections	Integral male / female connectors	
	Temperature Ranges	-4° – 122° F (-20° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage	
	Humidity	0 – 95%, non-condensing	
	Maximum Fixture Run Lengths	122 @ 100 VAC 134 @ 120 VAC 191 @ 240 VAC	Configuration: Fixtures installed end-to-end, 20 A circuit, standard 10 ft (3.1 m) Leader Cable
	Certification and Safety	Certification	UL / cUL, FCC Class B, CE, SAA, C-Tick
		LED Class	Class 2 LED product
Environment		Dry Location, IP20	
Energy Efficiency		California Title 24 Compliant	

* Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A.

† Lumen measurement complies with IES LM-79-08 testing procedures.

‡ L70 = 70% maintenance of lumen output (when light output drops below 70% of initial output). L50 = 50% maintenance of lumen output (when light output drops below 50% of initial output). Ambient temperatures specified. Based on measurements that comply with IES LM-80-08 testing procedures. Refer to www.colorkinetics.com/support/appnotes/lm-80-08.pdf for details.

§ Refer to www.colorkinetics.com/support/appnotes/ for specific details.

|| These figures, provided as a guideline, are accurate for this configuration only. Changing the configuration can affect the fixture run lengths.

Accessories

Item	Type	Size	Item Number	Philips 12NC
Leader Cable with terminator and strain relief	UL / cUL	10 ft (3 m)	108-000032-00	910503700586
	CE	10 ft (3 m)	108-000032-02	910403325901
Wiring Compartment with terminator	UL / cUL		120-000076-00	910503700597
Leader Cable with plug	UL / cUL	8 ft (2.4 m)	108-000032-03	910503700394
Jumper Cable	UL / cUL	1 ft (305 mm)	108-000033-00	910403600101
		5 ft (1.5 m)	108-000033-01	910403600102
	CE	1 ft (305 mm)	108-000033-02	910403326001
		5 ft (1.5 m)	108-000033-03	910403326101
Mounting Track		4 ft (1219 mm)	523-000006-01	910503700452

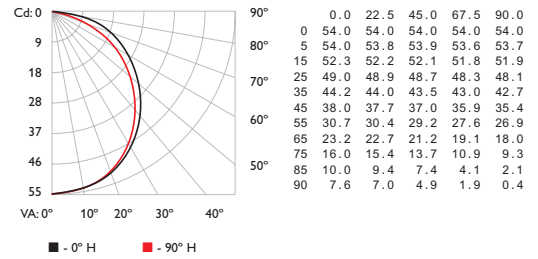


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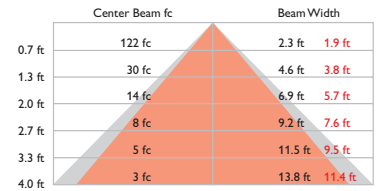
Photometrics

4000 K, 12 in (305 mm)

Polar Candela Distribution



Illuminance at Distance



8.8 ft (2.7 m) 1 fc maximum distance
Vert. Spread: 119.9°
Horiz. Spread: 109.7°

Lumens	172
Efficacy	56.9 lm / W

For lux multiply fc by 10.7

Fixtures

Item	Type	Size	Item Number	Philips 12NC
100 VAC	2700 K	6 in (152 mm)	523-000005-61	910503701061
		12 in (305 mm)	523-000004-61	910503701045
	4000 K	6 in (152 mm)	523-000005-67	910503701067
		12 in (305 mm)	523-000004-73	910503701057
	Blue	12 in (305 mm)	223-000004-70	910503701081
		Amber	12 in (305 mm)	223-000004-71
120 VAC UL / cUL	2700 K	6 in (152 mm)	523-000005-60	910503701060
		12 in (305 mm)	523-000004-60	910503701044
	4000 K	6 in (152 mm)	523-000005-66	910503701066
		12 in (305 mm)	523-000004-72	910503701056
	Blue	12 in (305 mm)	223-000004-62	910503701073
		Amber	12 in (305 mm)	223-000004-63
220 – 240 VAC / CE Fixture only	2700 K	12 in (305 mm)	523-000004-62	910503701046
	4000 K	12 in (305 mm)	523-000004-74	910503701058
		Blue	12 in (305 mm)	223-000004-66
220 – 240 VAC / CE Fixture and 10 ft (3 m) Leader Cable with terminator	4000 K	Blue	12 in (305 mm)	223-000004-67
		Amber	12 in (305 mm)	223-000004-67
	2700 K	12 in (305 mm)	523-000004-63	910503701047
220 – 240 VAC / CCC	4000 K	12 in (305 mm)	523-000004-75	910503701059
		Blue	12 in (305 mm)	223-000004-72
	2700 K	12 in (305 mm)	523-000004-76	910503701672
		4000 K	12 in (305 mm)	523-000004-77
	Blue	12 in (305 mm)	223-000004-72	910503701670
Amber	12 in (305 mm)	223-000004-73	910503701671	

Use Item Number when ordering in North America.

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