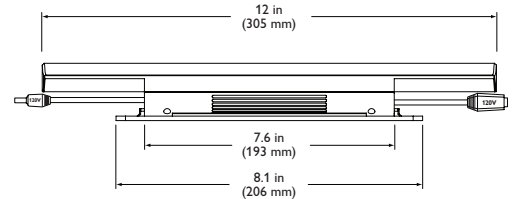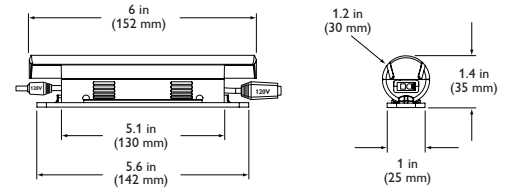# eColor Cove EC Powercore

Cost-effective linear interior LED cove and accent fixture with solid color light

eColor Cove EC Powercore is a dimmable, linear LED fixture that provides an affordable, energy-efficient lighting in applications requiring saturated blue or amber light. With its low profile, rotating housing, and end-to-end locking power connectors, eColor 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.

- Support for multiple voltages — eColor Cove EC Powercore accepts power input of 100, 120, or 220 – 240 VAC, allowing consistent installation in any location around the world.

- Smooth dimming capability — Patented DIMand technology offers smooth dimming capability with selected commercially available reverse-phase ELV-type dimmers.

- 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, eColor 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.

- Compact and flexible — eColor 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 cannot.

For detailed product information, please refer to the eColor Cove EC Powercore Product Guide at www.philipscolorkinetics.com/ls/essentialcolor/ecolorcoveecpc/

PHILIPS

Specifications

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

Item	Specification	6 in (152 mm)	12 in (305 mm)
Output	Beam Angle	110° x 110°	
Electrical	Input Voltage	120 VAC, 50 / 60 Hz	100 / 120 / 220 – 240 VAC, 50 / 60 Hz
	Power Consumption	1.5 W maximum at full output, steady state	3.0 W maximum at full output, steady state
	Power Factor	.96 @ 120 VAC	
Control	Dimming	Compatible with selected commercially available reverse-phase (ELV-type) dimmers*	
Physical	Dimensions (Height x Width x Depth)	1.25 x 6 x 1.4 in (32 x 152 x 35 mm)	1.25 x 12 x 1.4 in (32 x 305 x 35 mm)
	Weight	0.19 lbs (85 g)	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	
	Fixture Run Lengths	To calculate fixture run lengths and total power consumption for your specific installation, download the Configuration Calculator from www.philipscolorkinetics.com/support/install_tool/	
Certification and Safety	Certification	UL / cUL, FCC Class B, CE, CCC, C-Tick, SAA	
	Environment	Dry Location, IP20	
	Energy Efficiency	California Title 24 Compliant	

* Refer to www.philipscolorkinetics.com/support/appnotes/ for specific details.

For help estimating the light output and distribution of eColor lighting fixtures, please contact Philips Color Kinetics Applications Engineering Services at support@colorkinetics.com.

Fixtures and Accessories

Item	Type	Size	Item Number	Philips 12NC
eColor Cove EC Powercore, 100 VAC	Blue	12 in (305 mm)	223-000004-70	910503701081
	Amber	12 in (305 mm)	223-000004-71	910503701082
eColor Cove EC Powercore, 120 VAC	Blue	6 in (152 mm)	223-000005-62	910503701085
		12 in (305 mm)	223-000004-62	910503701073
	Amber	6 in (152 mm)	223-000005-63	910503701086
		12 in (305 mm)	223-000004-63	910503701074
eColor Cove EC Powercore, 220 – 240 VAC / CE	Blue	12 in (305 mm)	223-000004-66	910503701077
	Amber	12 in (305 mm)	223-000004-67	910503701078
eColor Cove EC Powercore, 220 – 240 VAC / CCC	Blue	12 in (305 mm)	223-000004-72	910503701670
	Amber	12 in (305 mm)	223-000004-73	910503701671
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 *Minimum order quantity 25*		4 ft (1219 mm)	523-000006-01	910503700452

Use Item Number when ordering in North America.

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