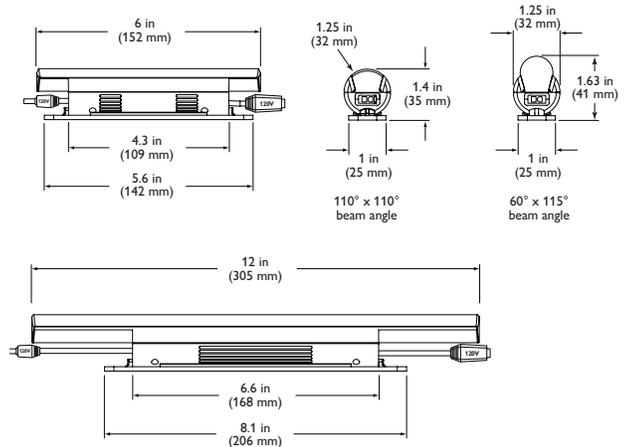# eColor Cove QLX Powercore

Performance linear interior LED cove and accent fixture with solid color light

eColor Cove QLX Powercore represents the next generation of high-quality linear LED cove lighting from Philips Color Kinetics. This elegant, low-profile fixture delivers high-quality solid color light at an affordable price. eColor Cove QLX Powercore is designed to replace traditional cove lighting sources for wall and ceiling glow effects, wall washing, and indirect lighting from a single cove. Multiple colors, beam angles, and lengths afford an abundance of design options.

- Multiple options for design flexibility — Available in red, green, blue, and amber, 12 in (305 mm) and 6 in (152 mm) lengths, and wide and medium beam angles.

- Support for multiple voltages — eColor Cove QLX Powercore accepts power input of 100, 120, or 220 – 240 VAC for consistent installation and operation from line voltage in many locations.

- Compact and flexible — eColor Cove QLX Powercore low-profile fixtures fit in narrow alcoves, display cases, light boxes, and other tight spaces where fixtures requiring ballasts, external power supplies, and other auxiliary equipment cannot.

- Integrates patented Powercore technology — Powercore rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage, eliminating the need for external power supplies and lowering total system cost.

- Superior color consistency and accuracy — Optibin, an advanced binning algorithm, exceeds the recognized standards for color quality to guarantee uniformity and consistency of hue across LEDs, fixtures and manufacturing runs.

6 in (152 mm)

4.3 in (109 mm)

5.6 in (142 mm)

1.25 in (32 mm)

1.4 in (35 mm)

1 in (25 mm)

110° x 110° beam angle

1.25 in (32 mm)

1.63 in (41 mm)

1 in (25 mm)

60° x 115° beam angle

12 in (305 mm)

6.6 in (168 mm)

8.1 in (206 mm)

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

- Simple installation — Powercore delivers line voltage directly to the fixtures, simplifying installation and allowing long product runs. Easy-to-install 4 ft (1.2 m) mounting tracks allow quick project setup in linear applications.

- Easy mounting and positioning — With end-to-end locking power connectors that can make turns of up to 180°, fixtures are easy to position even in challenging mounting circumstances. Fixtures rotate in 10° increments through a full 180° for precise aiming and 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 eColor Cove QLX Powercore Product Guide at www.philipscolorkinetics.com/ls/essentialcolor/ecolorcoveqlxpc/

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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° (wide) / 60° x 115° (medium)	
Electrical	Input Voltage	100 / 120 / 220 – 240 VAC, 50 / 60 Hz	
	Power Consumption	4.0 W maximum at full output, steady state	6.0 W maximum at full output, steady state
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, white finish	
	Lens	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†	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, SAA, C-Tick, CCC	
	Environment	Dry Location, IP20	

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

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Accessories

Item	Type	Item Number	Philips 12NC
Leader Cable 10 ft (3 m) with terminator and strain relief	UL / cUL	108-000032-05	910503700893
	CE	108-000032-06	910503700894
Wiring Compartment with terminator	UL / cUL	120-000076-00	910503700597
Leader Cable 8 ft (2.4 m) with plug (black cable only)	UL / cUL	108-000032-03	910503700394
Jumper Cable UL / cUL	1 ft (305 mm)	108-000033-06	910503700895
	5 ft (1.5 m)	108-000033-07	910503700896
Jumper Cable CE	1 ft (305 mm)	108-000033-08	910503700897
	5 ft (1.5 m)	108-000033-09	910503700898
Mounting Track, White, *Quantity 1*	4 ft (1.2 m)	120-000125-00	910503701788

Use Item Number when ordering in North America.

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

DIMAND CK TECHNOLOGY | OPTIBIN CK TECHNOLOGY | POWERCORE CK TECHNOLOGY

eColor Cove QLX Powercore Fixtures

		110° x 110° (wide) beam angle				60° x 115° (medium) beam angle			
		12 in (305 mm)		6 in (152 mm)		12 in (305 mm)		6 in (152 mm)	
Input Voltage	Color	Item Number	Philips 12NC	Item Number	Philips 12NC	Item Number	Philips 12NC	Item Number	Philips 12NC
100 VAC	Red	223-000004-08	910503701033			223-000004-16	910503701134		
	Green	223-000004-09	910503701034			223-000004-17	910503701135		
	Blue	223-000004-10	910503701035			223-000004-18	910503701136		
	Amber	223-000004-11	910503701036			223-000004-19	910503701137		
120 VAC	Red	223-000004-00	910503701025	223-000005-00	910503701037	223-000004-12	910503701130	223-000005-04	910503701205
	Green	223-000004-01	910503701026	223-000005-01	910503701038	223-000004-13	910503701131	223-000005-05	910503701206
	Blue	223-000004-02	910503701027	223-000005-02	910503701039	223-000004-14	910503701132	223-000005-06	910503701207
	Amber	223-000004-03	910503701028	223-000005-03	910503701040	223-000004-15	910503701133	223-000005-07	910503701208
220 – 240 VAC	Red	223-000004-04	910503701029			223-000004-20	910503701138		
	Green	223-000004-05	910503701030			223-000004-21	910503701139		
	Blue	223-000004-06	910503701031			223-000004-22	910503701140		
	Amber	223-000004-07	910503701032			223-000004-23	910503701141		

Use Item Number when ordering in North America.

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