Date: _____ Type: _____

Firm Name: _____

Project: _____

eColor Cove MX Powercore

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

eColor Cove MX Powercore delivers the highest light output in the line of solid color linear cove lights from Philips Color Kinetics. With medium and wide beam angles and a range of fixed colors, fixtures can be used for accent lighting as well as wall and ceiling cove applications. Offers environmentally conscious buyers a green, energy-efficient lighting solution without sacrificing quality or quantity of light.

- 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 allowing long product runs. Contractor-friendly installation dramatically simplifies installation and lowers total system cost.
- Support for multiple voltages — Accepts line voltage input of 100 – 277 VAC for consistent installation and operation in a variety of locations.
- Dimming capability — Patented DIMand technology offers smooth dimming capability with selected commercially available reverse-phase ELV-type dimmers.
- Easy mounting and positioning — With end-to-end locking power connectors that can make turns of up to 180°, fixtures are easy to position in even the most challenging mounting circumstances. Fixtures rotate in 10° increments through 180° for precise aiming and color mixing. Optional mounting tracks allow quick project setup in linear applications, and support vertical and overhead positioning. Available jumper cables can add extra space between fixtures.

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

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

Specifications

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

Item	Specification		1 ft (305 mm)	4 ft (1.2 m)
Output	Beam Angle		125° x 120° / 50° x 70°	
Electrical	Input Voltage		100 – 277 VAC, auto-ranging, 50 / 60 Hz	
	Power Consumption *Max. at full output, steady state*		12.5 W (Red / Green / Blue) 10 W (Amber)	50 W (Red / Green / Blue) 40 W (Amber)
Control	Dimming		Compatible with selected commercially available reverse-phase ELV-type dimmers*	
Physical	Dimensions *(Height x Width x Depth)*	125° x 120°	1.6 x 12 x 1.5 in (42 x 305 x 39 mm)	1.6 x 48 x 1.6 in (42 x 1219 x 41 mm)
		50° x 70°	2.0 x 12 x 1.5 in (51 x 305 x 39 mm)	2.0 x 48 x 1.6 in (51 x 1219 x 41 mm)
	Weight	125° x 120°	0.82 lbs (372 g)	3.97 lbs (1.8 kg)
		50° x 70°	1 lb (454 g)	4.41 lbs (2.0 kg)
	Housing		Die-cast aluminium, white powder-coated 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	
	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, SAA, C-Tick	
	Environment		Dry / Damp Location, IP20	

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

PHILIPS

Fixtures

Item	Color	Beam Angle	Item Number	Philips 12NC
eColor Cove MX Powercore 1 ft (305 mm)	Red	125° x 120°	223-000050-12	910503701730
		50° x 70°	223-000050-08	910503701112
	Green	125° x 120°	223-000050-13	910503701731
		50° x 70°	223-000050-09	910503701113
	Blue	125° x 120°	223-000050-14	910503701732
		50° x 70°	223-000050-10	910503701114
	Amber	125° x 120°	223-000050-15	910503701733
		50° x 70°	223-000050-11	910503701115
eColor Cove MX Powercore 4 ft (1.2 m)	Red	125° x 120°	223-000050-16	910503702591
		50° x 70°	223-000050-20	910503702595
	Green	125° x 120°	223-000050-17	910503702592
		50° x 70°	223-000050-21	910503702596
	Blue	125° x 120°	223-000050-18	910503702593
		50° x 70°	223-000050-22	910503702597
	Amber	125° x 120°	223-000050-19	910503702594
		50° x 70°	223-000050-23	910503702598

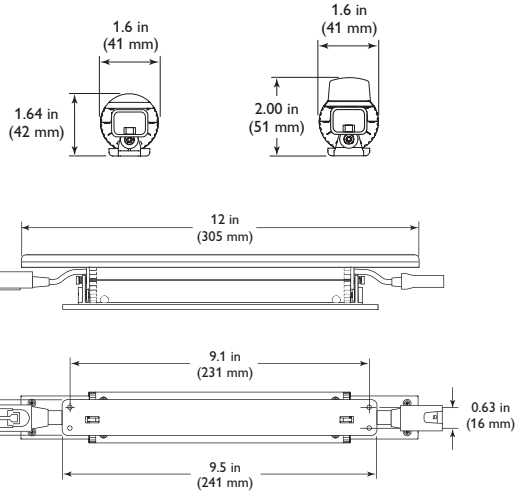
Use Item Number when ordering in North America.

Accessories

Item	Type		Item Number	Philips 12NC
Leader Cable with terminator and strain relief	UL / cUL	10 ft (3 m)	108-000047-00	910503700972
	CE / CCC	10 ft (3 m)	108-000047-01	910503700973
Wiring Compartment with terminator	UL / cUL		120-000077-01	910503700994
Terminators, Quantity 10			120-000099-00	910503701120
Jumper Cable	UL / cUL	1 ft (305 mm)	108-000048-00	910503700974
		5 ft (1.5 m)	108-000048-01	910503700975
	CE / CCC	1 ft (305 mm)	108-000048-02	910503700976
		5 ft (1.5 m)	108-000048-03	910503700977
Mounting Track, White	1 @ 4 ft (1219 mm)		120-000124-00	910503701787

Use Item Number when ordering in North America.

125° x 120° beam angle 50° x 70° beam angle



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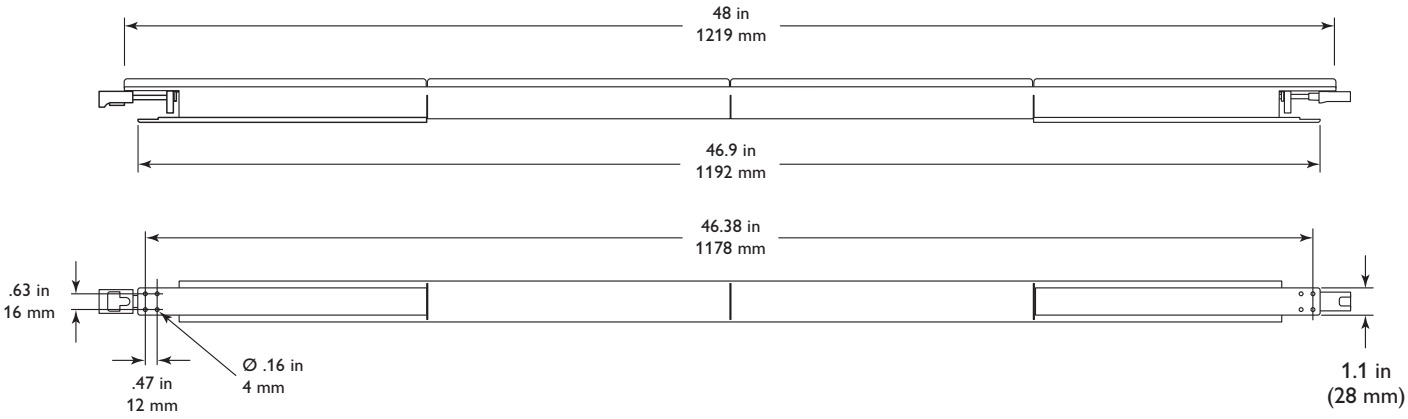

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DAS-000099-01 R02 08-13