Date: _____ Type: _____

Firm Name: _____

Project: _____

eColor Fuse Powercore

Linear interior LED wall grazing fixture with solid color light

With narrow and medium beams of intense solid color light, eColor Fuse Powercore is an excellent choice for surface grazing and wall-washing applications. Its ultra-compact form factor permits installation in tight spaces too small to accommodate conventional grazing fixtures with similar light output. Lowers installation, energy, and maintenance costs. Offers environmentally-conscious buyers a green, energy-efficient grazing fixture with industry-leading quality and quantity of light.

- High-performance beam quality — Available in narrow 10° x 60° or medium 30° x 60° beam angles. Interlocking connectors allow for end-to-end installation with no light scalloping between fixtures.

- Integrates patented Powercore technology — Powercore rapidly, efficiently, and accurately controls power directly from line voltage, eliminating the need for an external power supply, dramatically simplifying installation, and lowering total system cost.

- Support for multiple voltages — Accepts power input of 100 – 277 VAC for consistent installation and operation from line voltage in any location around the world.

- 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°, eColor Fuse Powercore 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 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 Fuse Powercore Product Guide at www.philipscolorkinetics.com/ls/essentialcolor/ecolorfusepc

✹ *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	10° x 60° / 30° x 60°	
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)*	2.1 x 12 x 1.5 in (53 x 305 x 38 mm)	2.1 x 48 x 1.6 in (53 x 1219 x 41 mm)
	Weight	0.98 lbs (.45 kg)	4.37 lbs (1.98 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

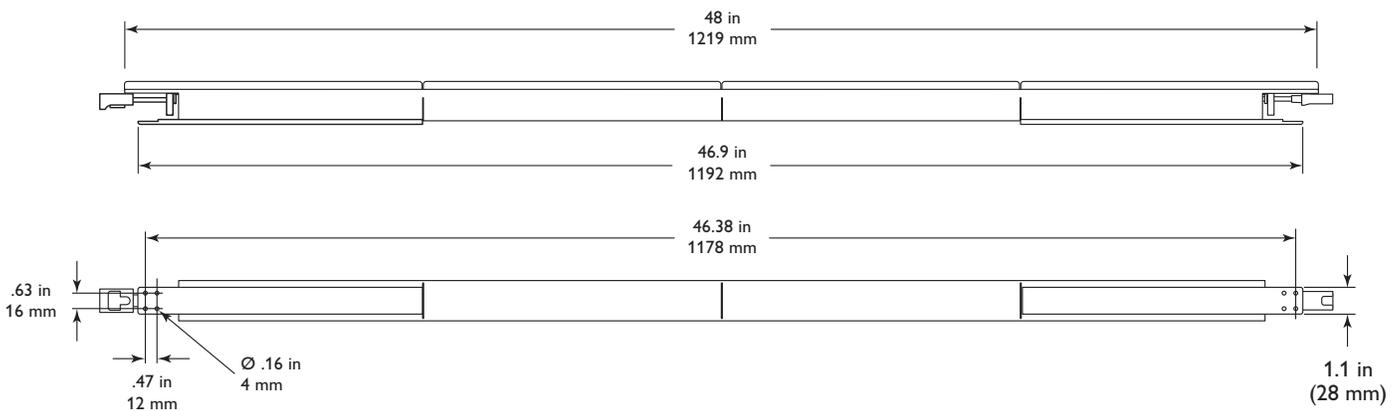| Item	Color	Beam Angle	Item Number	Philips 12NC
eColor Fuse Powercore 1 ft (305 mm)	Red	10° x 60°	223-000065-08	910503701709
		30° x 60°	223-000065-12	910503701713
	Green	10° x 60°	223-000065-09	910503701710
		30° x 60°	223-000065-13	910503701714
	Blue	10° x 60°	223-000065-10	910503701711
		30° x 60°	223-000065-14	910503701715
	Amber	10° x 60°	223-000065-11	910503701712
		30° x 60°	223-000065-15	910503701716
eColor Fuse Powercore 4 ft (1.2 m)	Red	10° x 60°	223-000065-16	910503702599
		30° x 60°	223-000065-20	910503702604
	Green	10° x 60°	223-000065-17	910503702601
		30° x 60°	223-000065-21	910503702605
	Blue	10° x 60°	223-000065-18	910503702602
		30° x 60°	223-000065-22	910503702606
	Amber	10° x 60°	223-000065-19	910503702603
		30° x 60°	223-000065-23	910503702607

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
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
Terminators, Quantity 10			120-000099-00	910503701120
Mounting Track, White	1 @ 4 ft (1219 mm)		120-000124-00	910503701787

Use Item Number when ordering in North America.
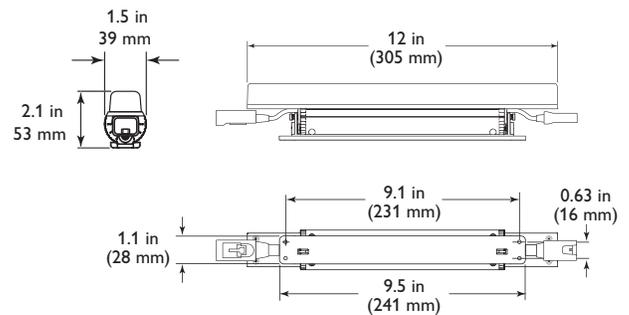
DIMAND™ CK TECHNOLOGY | OPTIBIN® CK TECHNOLOGY | POWERCORE° CK TECHNOLOGY

1.5 in 39 mm

12 in (305 mm)

2.1 in 53 mm

9.1 in (231 mm)

0.63 in (16 mm)

1.1 in (28 mm)

9.5 in (241 mm)

48 in 1219 mm

46.9 in 1192 mm

46.38 in 1178 mm

.63 in 16 mm

Ø .16 in 4 mm

.47 in 12 mm

1.1 in (28 mm)

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