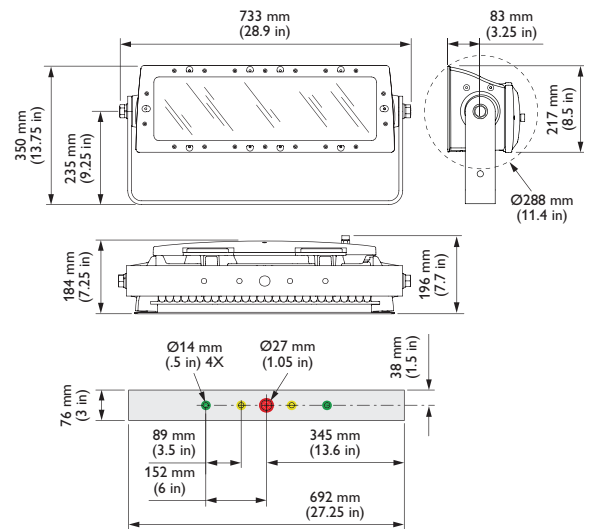# eColor Reach Compact Powercore

Premium long-throw compact exterior LED floodlight with solid color light

eColor Reach Compact Powercore combines all the benefits of LED-based lighting in a compact fixture specifically designed for large-scale installations calling for high-quality red, green, blue, or amber light, including skyscrapers, casinos, large retail exteriors, bridges, piers, public monuments, and themed attractions. With levels of light output and light projection never before achieved in a compact LED lighting fixture, eColor Reach Compact Powercore delivers intense, energy-efficient output at a reasonable price, opening up new possibilities for exterior illumination.

- Integrates 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.

- Versatile optics — Exchangeable spread lenses of 8°, 13°, 23°, 40°, 63°, and an asymmetric 5° x 17° support a variety of photometric distributions for a multitude of applications, including spotlighting, wall grazing, and asymmetric wall washing. Bezel and gasket are included with spread lenses for easy user installation.

- Saturated, cost-effective color — High-performance LEDs offer rich, saturated color at significantly less cost for installation, operation and maintenance than traditional light sources.

- Simple fixture positioning — Rugged, slim-profile mounting bracket allows flexible positioning and fixture rotation through a full 360°. Side locking bolts reliably secure fixture with standard wrench.

- Universal power input range — Accepts a universal power input range of 100 – 240 VAC, allowing simple, location-independent installation.

For detailed product information, please refer to the eColor Reach Compact Powercore Product Guide at www.philipscolorkinetics.com/ls/essentialcolor/ecolorreachcompact/

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Specifications

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

Item	Specification	Details
Output	Beam Angle	5° native 8°, 13°, 23°, 40°, 63°, and 5° x 17° (asymmetric) spread lenses
Electrical	Input Voltage	100 – 240 VAC, auto-switching, 50 / 60 Hz
	Power Consumption	125 W
Control		On / Off
Physical	Dimensions *(Height x Width x Depth)*	8.5 x 28.9 x 7.7 in (217 x 733 x 196 mm)
	Weight	51 lb (23 kg)
	Effective Projected Area (EPA)	0.186 m^2
	Housing	Die-cast aluminium, powder-coated finish
	Lens	Tempered glass
	Fixture Connections	Integral male / female waterproof connector, 6 ft (1.8 m) Leader Cable
	Temperature Ranges	-40° – 122° F (-40° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certification	UL / cUL, FCC Class A, CE, PSE
	Environment	Dry / Damp / Wet Location, IP66

✴ *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		Item Number	Philips 12NC
eColor Reach Compact Powercore *Includes 6 ft (1.8 m) Leader Cable*	Red	UL / cUL	223-000079-00	910503703279
		CE / PSE	223-000079-01	910503704177
	Green	UL / cUL	223-000079-02	910503703946
		CE / PSE	223-000079-03	910503704178
	Blue	UL / cUL	223-000079-04	910503703947
		CE / PSE	223-000079-05	910503704179
	Amber	UL / cUL	223-000079-06	910503703948
		CE / PSE	223-000079-07	910503704180
Replacement Leader Cable 6 ft (1.8 m)	UL / cUL		108-000046-00	910503700621
	CE / PSE		108-000046-01	910503700622
Spread Lens with bezel	13°		120-000068-00	910503700506
	23°		120-000068-01	910503700507
	40°		120-000068-02	910503700508
	63°		120-000068-03	910503700509
	Asymmetric (5° x 17°)		120-000068-04	910503700510
	8°		120-000068-05	910503700511

Use Item Number when ordering in North America.