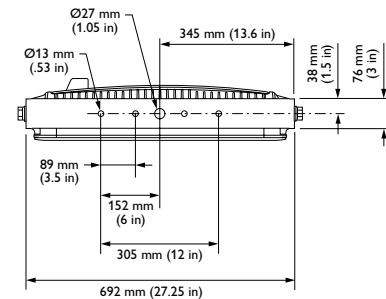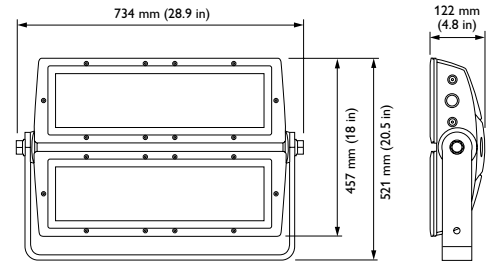# eColor Reach Powercore gen2, UL / CE

Premium long-throw exterior LED floodlight with solid color light

eColor Reach Powercore gen2 combines all the benefits of LED-based lighting and control in an elegant fixture specifically designed for large-scale installations, such as skyscrapers, casinos, bridges, piers, public monuments, and themed attractions. With significantly more lumen output than any other competitive fixture and unprecedented light projection, this powerful fixture represents the next generation in exterior illumination. Fixtures are available in solid red, green, blue, or amber light.

734 mm (28.9 in)   122 mm (4.8 in)   457 mm (18 in)   521 mm (20.5 in)

Ø27 mm (1.05 in)   345 mm (13.6 in)   38 mm (1.5 in)   76 mm (3 in)
Ø13 mm (.53 in)
89 mm (3.5 in)
152 mm (6 in)
305 mm (12 in)
692 mm (27.25 in)

• Integrates Powercore technology — Powercore technology rapidly, efficiently, and accurately controls power output to fixtures directly from line voltage.

• Versatile optics — 5° native beam angle and 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.

• Unique split design — Spread lenses fit over each half of the fixture to support diffuser combinations. For instance, you could use one spread lens on the fixture's lower half to bathe a large façade with light at street level, and a different spread lens to project light hundreds of feet up the building's walls.

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

• Universal power input range — eColor Reach Powercore gen2 accepts a universal power input range of 100 – 277 VAC, allowing consistent installation around the world.

For detailed product information, please refer to the eColor Reach Powercore gen2 Product Guide at www.philipscolorkinetics.com/ls/essentialcolor/ecolorreach/

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Specifications

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

Item	Specification	Details
Output	Beam Angle	5° primary optic (no spread lens) 8° / 13° / 23° / 40° / 63° / 5° x 17° (asymmetric) spread lenses
Electrical	Input Voltage	100 – 277 VAC, auto-switching, 50 / 60 Hz
	Power Consumption	250 W maximum at full output, steady state
Control		On / Off; digital dimming by 4 connector cable & DE Pro
Physical	Dimensions *(Height x Width x Depth)*	20.5 x 28.9 x 4.8 in (521 x 734 x 122 mm)
	Weight	75 lb (34 kg)
	Effective Projected Area (EPA)	0.42 m^2
	Housing	Die-cast aluminium, powder-coated finish
	Lens	Tempered glass
	Fixture Connections	10 ft (3.0 m) unified power / data 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
	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 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.*

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Fixtures and Accessories

Item	Type	Item Number	Philips 12NC
eColor Reach Powercore gen2 *Includes 10 ft (3.0 m) Leader Cable*	Red	223-000084-00	912400130184
	Green	223-000084-01	912400130196
	Blue	223-000084-02	912400130197
	Amber	223-000084-03	912400130198

Item	Type		Item Number	Philips 12NC
3 Conductor Replacement Leader Cable:	10 ft (3.0 m)	UL / cUL	108-000056-03	910503704071
		CE	108-000056-04	910503704072
	50 ft (15.2 m)	UL / cUL	108-000056-00	910503703138
		CE	108-000056-01	910503704069
4 Conductor Replacement Leader Cable: (required to digitally dim unit, w/ DE Pro)	10 ft (3.0 m)	UL / cUL	108-000055-03	910503704066
		CE	108-000055-04	910503704067
	50 ft (15.2m)	UL / cUL	108-000055-00	910503703137
		CE	108-000055-01	910503704064
Data Enabler Pro (required to digitally dim unit)	3/4 in / 1/2 in NPT (US trade size conduit)		106-000004-00	910503701210
	PG21 / PG13 (metric size conduit)		106-000004-01	910503701211

Item	Type	Item Number	Philips 12NC
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.

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