

eColor Reach Powercore gen2

Premium long-throw exterior LED floodlight with solid color light

Date: _____
Type: _____
Firm Name: _____
Project: _____

eColor Reach Powercore gen2 high-performance LED luminaires are premium exterior long-throw dynamic high-quality solid color luminaires for lighting tall buildings, bridges, and iconic structures. A full range of accessories allow for customizable beam angles for floodlighting, spotlighting, wall washing, and grazing, along with the efficiency and cost-effectiveness of Powercore technology in a rugged die-cast aluminium housing.

- Superior color consistency and accuracy—Optibin, an advanced binning algorithm, sets a new standard for the color consistency and uniformity of LED sources used in manufacturing.
- Dimming control via DMX—Dim luminaires smoothly and accurately from 1% to 100% with Color Kinetics lighting controllers, including iPlayer 3 and third-party controllers (optional Data Enabler Pro and 4-conductor cable required).
- Expanded customization with a wide range of new accessory options. To complement the native 5° lens, six standard secondary spread lenses can customize the luminaire to produce 8°, 13°, 23°, 43°, 63°, and 5° x 17° (asymmetric) beam angles. The option to add or combine a louver, full glare shield, or half glare shield creates new aesthetic possibilities for designers and architects.



[Product page](#)

Beam Angle	5°, 8°, 13°, 23°, 43°, 63°, 5° x 17°
LED Channels	Red, Green, Blue, or Amber

Input Voltage	100 to 240 VAC, auto-ranging, 50/60 Hz
Power Consumption	250 W
Weight	34 kg (75 lb)
Housing Material	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, CQC, PSE
Environment	Dry/Damp/Wet Location, IP66
Applications	Flood Lighting, Spot Lighting, Wall Washing

Red Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
Red, 5° Native (no spread lens), CQC	5°	223-000079-12	912400133508		
Red, 5° Native (no spread lens), UL/CE	5°	223-000084-08	912400133481		
Red, 8° Spread Lens, CQC	8°	223-000079-12	912400133508	120-000068-17	912400133598
Red, 8° Spread Lens, UL/CE	8°	223-000084-08	912400133481	120-000068-17	912400133598
Red, 13° Spread Lens, CQC	13°	223-000079-12	912400133508	120-000068-12	912400133593
Red, 13° Spread Lens, UL/CE	13°	223-000084-08	912400133481	120-000068-12	912400133593
Red, 23° Spread Lens, CQC	23°	223-000079-12	912400133508	120-000068-13	912400133594
Red, 23° Spread Lens, UL/CE	23°	223-000084-08	912400133481	120-000068-13	912400133594

For help estimating the light output and distribution of lighting luminaires, please contact Color Kinetics Applications Engineering Services at <http://www.lighting.philips.com/support/connect/contact-us>.

Red Specification Sheets (cont.)

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
Red, 43° Spread Lens, CQC	43°	223-000079-12	912400133508	120-000068-14	912400133595
Red, 43° Spread Lens, UL/CE	43°	223-000084-08	912400133481	120-000068-14	912400133595
Red, 63° Spread Lens, CQC	63°	223-000079-12	912400133508	120-000068-15	912400133596
Red, 63° Spread Lens, UL/CE	63°	223-000084-08	912400133481	120-000068-15	912400133596
Red, 5° x 17° Asymmetric Spread Lens, CQC	5° x 17°	223-000079-12	912400133508	120-000068-16	912400133597
Red, 5° x 17° Asymmetric Spread Lens, UL/CE	5° x 17°	223-000084-08	912400133481	120-000068-16	912400133597

Green Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
Green, 5° Native (no spread lens), CQC	5°	223-000079-13	912400133509		
Green, 5° Native (no spread lens), UL/CE	5°	223-000084-09	912400133482		
Green, 8° Spread Lens, CQC	8°	223-000079-13	912400133509	120-000068-17	912400133598
Green, 8° Spread Lens, UL/CE	8°	223-000084-09	912400133482	120-000068-17	912400133598
Green, 13° Spread Lens, CQC	13°	223-000079-13	912400133509	120-000068-12	912400133593
Green, 13° Spread Lens, UL/CE	13°	223-000084-09	912400133482	120-000068-12	912400133593
Green, 23° Spread Lens, CQC	23°	223-000079-13	912400133509	120-000068-13	912400133594
Green, 23° Spread Lens, UL/CE	23°	223-000084-09	912400133482	120-000068-13	912400133594
Green, 43° Spread Lens, CQC	43°	223-000079-13	912400133509	120-000068-14	912400133595
Green, 43° Spread Lens, UL/CE	43°	223-000084-09	912400133482	120-000068-14	912400133595
Green, 63° Spread Lens, CQC	63°	223-000079-13	912400133509	120-000068-15	912400133596
Green, 63° Spread Lens, UL/CE	63°	223-000084-09	912400133482	120-000068-15	912400133596
Green, 5° x 17° Asymmetric Spread Lens, CQC	5° x 17°	223-000079-13	912400133509	120-000068-16	912400133597
Green, 5° x 17° Asymmetric Spread Lens, UL/CE	5° x 17°	223-000084-09	912400133482	120-000068-16	912400133597

Blue Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
Blue, 5° Native (no spread lens), CQC	5°	223-000079-14	912400133510		
Blue, 5° Native (no spread lens), UL/CE	5°	223-000084-10	912400133483		
Blue, 8° Spread Lens, CQC	8°	223-000079-14	912400133510	120-000068-17	912400133598
Blue, 8° Spread Lens, UL/CE	8°	223-000084-10	912400133483	120-000068-17	912400133598
Blue, 13° Spread Lens, CQC	13°	223-000079-14	912400133510	120-000068-12	912400133593
Blue, 13° Spread Lens, UL/CE	13°	223-000084-10	912400133483	120-000068-12	912400133593
Blue, 23° Spread Lens, CQC	23°	223-000079-14	912400133510	120-000068-13	912400133594
Blue, 23° Spread Lens, UL/CE	23°	223-000084-10	912400133483	120-000068-13	912400133594
Blue, 43° Spread Lens, CQC	43°	223-000079-14	912400133510	120-000068-14	912400133595
Blue, 43° Spread Lens, UL/CE	43°	223-000084-10	912400133483	120-000068-14	912400133595
Blue, 63° Spread Lens, CQC	63°	223-000079-14	912400133510	120-000068-15	912400133596
Blue, 63° Spread Lens, UL/CE	63°	223-000084-10	912400133483	120-000068-15	912400133596
Blue, 5° x 17° Asymmetric Spread Lens, CQC	5° x 17°	223-000079-14	912400133510	120-000068-16	912400133597
Blue, 5° x 17° Asymmetric Spread Lens, UL/CE	5° x 17°	223-000084-10	912400133483	120-000068-16	912400133597

Amber Specification Sheets

PDF Download	Beam Angle	Item Number	12 NC	Spread Lens	Spread Lens 12 NC
Amber, 5° Native (no spread lens), CQC	5°	223-000079-15	912400133511		
Amber, 5° Native (no spread lens), UL/CE	5°	223-000084-11	912400133484		
Amber, 8° Spread Lens, CQC	8°	223-000079-15	912400133511	120-000068-17	912400133598
Amber, 8° Spread Lens, UL/CE	8°	223-000084-11	912400133484	120-000068-17	912400133598
Amber, 13° Spread Lens, CQC	13°	223-000079-15	912400133511	120-000068-12	912400133593
Amber, 13° Spread Lens, UL/CE	13°	223-000084-11	912400133484	120-000068-12	912400133593
Amber, 23° Spread Lens, CQC	23°	223-000079-15	912400133511	120-000068-13	912400133594
Amber, 23° Spread Lens, UL/CE	23°	223-000084-11	912400133484	120-000068-13	912400133594
Amber, 43° Spread Lens, CQC	43°	223-000079-15	912400133511	120-000068-14	912400133595
Amber, 43° Spread Lens, UL/CE	43°	223-000084-11	912400133484	120-000068-14	912400133595
Amber, 63° Spread Lens, CQC	63°	223-000079-15	912400133511	120-000068-15	912400133596
Amber, 63° Spread Lens, UL/CE	63°	223-000084-11	912400133484	120-000068-15	912400133596
Amber, 5° x 17° Asymmetric Spread Lens, CQC	5° x 17°	223-000079-15	912400133511	120-000068-16	912400133597
Amber, 5° x 17° Asymmetric Spread Lens, UL/CE	5° x 17°	223-000084-11	912400133484	120-000068-16	912400133597



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www.colorkinetics.com/ls/essentialcolor/ecreach/