

Philips Color Kinetics

ColorReach Compact Powercore, RGBW

Premium long-throw exterior LED floodlight with intelligent color light



ColorReach Compact Powercore combines all the benefits of LED-based lighting and control in a premium exterior long-throw dynamic color-changing luminaire for lighting tall buildings, bridges, and iconic structures. This compact luminaire delivers intense, energy-efficient output at a reasonable price, opening up new possibilities for exterior illumination. ColorReach Compact Powercore offers a range of accessories that 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. Custom configurations with custom channels of white or color LED sources are also available to support special applications.

- Improved color mixing—Updated Color Reach Compact Powercore provides more punch and light quality for exterior long throw applications. End users will appreciate the clean mixed beam with higher application efficiency, allowing placement of light exactly where desired.
- Unparalleled light output—ColorReach Compact Powercore offers unprecedented output and punch for LED-based illumination of large-scale structures and objects.

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Beam Angle	5°, 8°, 13°, 23°, 43°, 63°, 5° x 17°
Lumens†	4,550 to 5,553
LED Channels	Red/Green/Blue/4000 K
Power Consumption	130 W (CQC), 135 W (UL/CE)

[Custom products information available](#)

Input Voltage	100 to 240 VAC, auto-ranging, 50/60 Hz (CQC) 100 to 277 VAC, auto-ranging, 50/60 Hz (UL/CE)
Housing	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, C-Tick
Environment	Dry/Damp/Wet Location, IP66

Specification Sheets

PDF Download	Beam Angle	Lumens†	Efficacy	Item Number	Spread Lens	12 NC	Spread Lens 12 NC
RGBW, 5° Native (no spread lens), CQC	5°	5,553	41.1	423-000015-02		912400133583	
RGBW, 5° Native (no spread lens), UL/CE	5°	5,553	41.1	423-000015-00		912400133581	
RGBW, 5° x 17° Asymmetric Spread Lens, CQC	5° x 17°	4,773	35.4	423-000015-02	120-000068-16	912400133583	912400133597
RGBW, 5° x 17° Asymmetric Spread Lens, UL/CE	5° x 17°	4,773	35.4	423-000015-00	120-000068-16	912400133581	912400133597
RGBW, 8° Spread Lens, CQC	8°	5,137	38.1	423-000015-02	120-000068-17	912400133583	912400133598
RGBW, 8° Spread Lens, UL/CE	8°	5,137	38.1	423-000015-00	120-000068-17	912400133581	912400133598
RGBW, 13° Spread Lens, CQC	13°	4,870	36.2	423-000015-02	120-000068-12	912400133583	912400133593
RGBW, 13° Spread Lens, UL/CE	13°	4,870	36.2	423-000015-00	120-000068-12	912400133581	912400133593
RGBW, 23° Spread Lens, CQC	23°	4,812	35.7	423-000015-02	120-000068-13	912400133583	912400133594
RGBW, 23° Spread Lens, UL/CE	23°	4,812	35.7	423-000015-00	120-000068-13	912400133581	912400133594
RGBW, 43° Spread Lens, CQC	43°	4,625	34.3	423-000015-02	120-000068-14	912400133583	912400133595
RGBW, 43° Spread Lens, UL/CE	43°	4,625	34.3	423-000015-00	120-000068-14	912400133581	912400133595
RGBW, 63° Spread Lens, CQC	63°	4,550	33.8	423-000015-02	120-000068-15	912400133583	912400133596
RGBW, 63° Spread Lens, UL/CE	63°	4,550	33.8	423-000015-00	120-000068-15	912400133581	912400133596

† Lumen measurement complies with IES LM-79-08 testing procedures.

