

eW Reach Powercore gen2

Premium long-throw exterior LED floodlight with solid white light

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

eW Reach Powercore gen2 high-performance LED luminaires are premium exterior long-throw dynamic high-quality white luminaires for lighting tall buildings, bridges, and iconic structures. eW Reach Powercore gen2 outputs washes of white light in color temperatures ranging from a warm 2700 K to a cool 4000 K. 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.

- Multiple options for design flexibility—Luminaires are available in a warm 2700 K or a cool 4000 K. Custom configurations with custom channels of white or color LED sources are also available to support special applications.
- 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 resulting in color consistency within 2 SDCM.
- Digital Dimming—Smooth dimming down to 1% with optional Data Enabler Pro and digital control interface.

Beam Angle	5°, 8°, 13°, 23°, 43°, 63°, 5° x 17°
Lumens (half unit)*	5,736 to 7,441
Lumens (no spread lens, full unit)*	13,485 to 14,646
Color Temperature [§]	2700 K, 4000 K



Input Voltage	100 to 240 VAC, auto-ranging, 50/60 Hz (CQC) 100 to 277 VAC, auto-ranging, 50/60 Hz (UL/CE)
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, C-Tick
Environment	Dry/Damp/Wet Location, IP66
Applications	Flood Lighting, Spot Lighting, Wall Washing

2700 K Specification Sheets

PDF Download	Beam Angle	Lumens* (half unit)	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
2700 K, 5° Native (no spread lens), CQC	5°	6,562	55.8	523-000044-76	912400133495		
2700 K, 5° Native (no spread lens), UL/CE	5°	6,562	55.8	523-000093-12	912400133463		
2700 K, 8° Spread Lens, CQC	8°	6,053	49.5	523-000044-76	912400133495	120-000068-17	912400133598
2700 K, 8° Spread Lens, UL/CE	8°	6,053	49.5	523-000093-12	912400133463	120-000068-17	912400133598
2700 K, 13° Spread Lens, CQC	13°	6,047	49.4	523-000044-76	912400133495	120-000068-12	912400133593
2700 K, 13° Spread Lens, UL/CE	13°	6,047	49.4	523-000093-12	912400133463	120-000068-12	912400133593
2700 K, 23° Spread Lens, CQC	23°	5,901	48.2	523-000044-76	912400133495	120-000068-13	912400133594
2700 K, 23° Spread Lens, UL/CE	23°	5,901	48.2	523-000093-12	912400133463	120-000068-13	912400133594

2700 K Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens* (half unit)	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
2700 K, 43° Spread Lens, CQC	43°	5,766	47.1	523-000044-76	912400133495	120-000068-14	912400133595
2700 K, 43° Spread Lens, UL/CE	43°	5,766	47.1	523-000093-12	912400133463	120-000068-14	912400133595
2700 K, 63° Spread Lens, CQC	63°	5,736	46.9	523-000044-76	912400133495	120-000068-15	912400133596
2700 K, 63° Spread Lens, UL/CE	63°	5,736	46.9	523-000093-12	912400133463	120-000068-15	912400133596
2700 K, 5° x 17° Asymmetric Spread Lens, CQC	5° x 17°	6,065	49.6	523-000044-76	912400133495	120-000068-16	912400133597
2700 K, 5° x 17° Asymmetric Spread Lens, UL/CE	5° x 17°	6,065	49.6	523-000093-12	912400133463	120-000068-16	912400133597

4000 K Specification Sheets

PDF Download	Beam Angle	Lumens* (half unit)	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
4000 K, 5° Native (no spread lens), CQC	5°	7,441	55.8	523-000044-79	912400133498		
4000 K, 5° Native (no spread lens), UL/CE	5°	7,441	55.8	523-000093-15	912400133466		
4000 K, 8° Spread Lens, CQC	8°	6,729	53.3	523-000044-79	912400133498	120-000068-17	912400133598
4000 K, 8° Spread Lens, UL/CE	8°	6,729	53.3	523-000093-15	912400133466	120-000068-17	912400133598
4000 K, 13° Spread Lens, CQC	13°	6,680	52.9	523-000044-79	912400133498	120-000068-12	912400133593
4000 K, 13° Spread Lens, UL/CE	13°	6,680	52.9	523-000093-15	912400133466	120-000068-12	912400133593
4000 K, 23° Spread Lens, CQC	23°	6,446	51.1	523-000044-79	912400133498	120-000068-13	912400133594
4000 K, 23° Spread Lens, UL/CE	23°	6,446	51.1	523-000093-15	912400133466	120-000068-13	912400133594
4000 K, 43° Spread Lens, CQC	43°	6,500	51.5	523-000044-79	912400133498	120-000068-14	912400133595
4000 K, 43° Spread Lens, UL/CE	43°	6,500	51.5	523-000093-15	912400133466	120-000068-14	912400133595
4000 K, 63° Spread Lens, CQC	63°	6,449	51.1	523-000044-79	912400133498	120-000068-15	912400133596
4000 K, 63° Spread Lens, UL/CE	63°	6,449	51.1	523-000093-15	912400133466	120-000068-15	912400133596
4000 K, 5° x 17° Asymmetric Spread Lens, CQC	5° x 17°	6,065	48.1	523-000044-79	912400133498	120-000068-16	912400133597
4000 K, 5° x 17° Asymmetric Spread Lens, UL/CE	5° x 17°	6,065	48.1	523-000093-15	912400133466	120-000068-16	912400133597

* Lumen output measurements comply with IES LM-79-08 testing procedures.

§ Correlated color temperature (CCT) complies with ANSI C78.377-2008 for the chromaticity of solid state lighting products.



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Color Kinetics
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