

# iW Reach Powercore gen2

Premium long-throw exterior floodlight with intelligent white light

Date: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Firm Name: \_\_\_\_\_  
 Project: \_\_\_\_\_

iW 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. iW Reach Powercore gen2 outputs washes of white light in color temperatures ranging from a warm 2700 K to a cool 6500 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.

- High-performance illumination in a wide range of color temperatures — Channels of warm, neutral, and cool white LEDs produce temperatures ranging from 2700 K to 6500 K, offering the greatest possible light intensity at all temperatures. Luminaire brightness can be varied while maintaining constant temperature.
- Unparalleled light output—iW Reach Powercore gen2 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 (half unit)*	6,461 to 7,287
Lumens (no spread lens, full unit)*	14,880
Color Temperature <sup>§</sup>	2700 K to 6500 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	290 W (CQC), 270 W (UL/CE)
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

## Specification Sheets

PDF Download	Beam Angle	Lumens* (half unit)	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
<a href="#">5° Native (no spread lens), CQC</a>	5°	7,287	62.6	523-000045-52	912400133493		
<a href="#">5° Native (no spread lens), UL/CE</a>	5°	7,287	62.6	523-000094-02	912400133460		
<a href="#">8° Spread Lens, CQC</a>	8°	6,732	55.9	523-000045-52	912400133493	120-000068-17	912400133598
<a href="#">8° Spread Lens, UL/CE</a>	8°	6,732	55.9	523-000094-02	912400133460	120-000068-17	912400133598
<a href="#">13° Spread Lens, CQC</a>	13°	6,706	55.7	523-000045-52	912400133493	120-000068-12	912400133593
<a href="#">13° Spread Lens, UL/CE</a>	13°	6,706	55.7	523-000094-02	912400133460	120-000068-12	912400133593
<a href="#">23° Spread Lens, CQC</a>	23°	6,568	54.6	523-000045-52	912400133493	120-000068-13	912400133594
<a href="#">23° Spread Lens, UL/CE</a>	23°	6,568	54.6	523-000094-02	912400133460	120-000068-13	912400133594

## Specification Sheets (cont.)

PDF Download	Beam Angle	Lumens* (half unit)	Efficacy	Item Number	12 NC	Spread Lens	Spread Lens 12NC
<a href="#">43° Spread Lens, CQC</a>	43°	6,544	54.4	523-000045-52	912400133493	120-000068-14	912400133595
<a href="#">43° Spread Lens, UL/CE</a>	43°	6,544	54.4	523-000094-02	912400133460	120-000068-14	912400133595
<a href="#">63° Spread Lens, CQC</a>	63°	6,461	53.7	523-000045-52	912400133493	120-000068-15	912400133596
<a href="#">63° Spread Lens, UL/CE</a>	63°	6,461	53.7	523-000094-02	912400133460	120-000068-15	912400133596
<a href="#">5° x 17° Asymmetric Spread Lens, CQC</a>	5° x 17°	6,694	55.6	523-000045-52	912400133493	120-000068-16	912400133597
<a href="#">5° x 17° Asymmetric Spread Lens, UL/CE</a>	5° x 17°	6,694	55.6	523-000094-02	912400133460	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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