

iW Reach Compact Powercore

Premium long-throw exterior floodlight with intelligent white light

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

iW Reach Compact Powercore high-performance LED luminaires are premium exterior long-throw dynamic high-quality white luminaires for lighting tall buildings, bridges, and iconic structures. iW Reach Compact Powercore 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 Compact Powercore offers unprecedented output and punch for LED-based illumination of large-scale structures and objects.

[Product page](#)

| | |
|--------------------------------|--------------------------------------|
| Beam Angle | 5°, 8°, 13°, 23°, 43°, 63°, 5° x 17° |
| Lumens* | 6,325 to 7,425 |
| Color Temperature [§] | 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 | 125 W |
| Weight | 23.4 kg (51.6 lb) |
| Housing Material | Die-cast aluminium, powder-coated finish |
| Approbations | UL/cUL, FCC Class A, CE, PSE, CQC, C-Tick |
| Environment | Dry/Damp/Wet Location, IP66 |
| Applications | Flood Lighting, Spot Lighting, Wall Washing |

Specification Sheets

| PDF Download | Beam Angle | Lumens* | Efficacy | Item Number | 12 NC | Spread Lens | Spread Lens 12NC |
|---|------------|---------|----------|---------------|--------------|---------------|------------------|
| 5° Native (no spread lens), CQC | 5° | 7,425 | 62.1 | 523-000083-03 | 912400133494 | | |
| 5° Native (no spread lens), UL/CE | 5° | 7,425 | 62.1 | 523-000096-02 | 912400133461 | | |
| 8° Spread Lens, CQC | 8° | 6,631 | 54.8 | 523-000083-03 | 912400133494 | 120-000068-17 | 912400133598 |
| 8° Spread Lens, UL/CE | 8° | 6,631 | 54.8 | 523-000096-02 | 912400133461 | 120-000068-17 | 912400133598 |
| 13° Spread Lens, CQC | 13° | 6,562 | 54.3 | 523-000083-03 | 912400133494 | 120-000068-12 | 912400133593 |
| 13° Spread Lens, UL/CE | 13° | 6,562 | 54.3 | 523-000096-02 | 912400133461 | 120-000068-12 | 912400133593 |
| 23° Spread Lens, CQC | 23° | 6,428 | 53.1 | 523-000083-03 | 912400133494 | 120-000068-13 | 912400133594 |
| 23° Spread Lens, UL/CE | 23° | 6,428 | 53.1 | 523-000096-02 | 912400133461 | 120-000068-13 | 912400133594 |

Specification Sheets (cont.)

| PDF Download | Beam Angle | Lumens* | Efficacy | Item Number | 12 NC | Spread Lens | Spread Lens 12NC |
|--|------------|---------|----------|---------------|--------------|---------------|------------------|
| 43° Spread Lens, CQC | 43° | 6,408 | 53 | 523-000083-03 | 912400133494 | 120-000068-14 | 912400133595 |
| 43° Spread Lens, UL/CE | 43° | 6,408 | 53 | 523-000096-02 | 912400133461 | 120-000068-14 | 912400133595 |
| 63° Spread Lens, CQC | 63° | 6,325 | 52.3 | 523-000083-03 | 912400133494 | 120-000068-15 | 912400133596 |
| 63° Spread Lens, UL/CE | 63° | 6,325 | 52.3 | 523-000096-02 | 912400133461 | 120-000068-15 | 912400133596 |
| 5° x 17° Asymmetric Spread Lens, CQC | 5° x 17° | 6,534 | 54 | 523-000083-03 | 912400133494 | 120-000068-16 | 912400133597 |
| 5° x 17° Asymmetric Spread Lens, UL/CE | 5° x 17° | 6,534 | 54 | 523-000096-02 | 912400133461 | 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
www.colorkinetics.com/ls/intelliwhite/iwreachcompact/