

# ReachElite High Output Powercore gen2, RGBW

High-output exterior medium-throw floodlight with intelligent RGBW light

ReachElite High Output is a superior exterior luminaire for lighting mid- to large-scale structures up to 30 m (100 ft) away with a combination of tight near-field color mixing, precise optical control, and high efficiency up to 77 lm/W - an industry first. Leveraging our rich legacy of innovation and leadership in optics and LED control technology, ReachElite High Output introduces a unique LED array to the market with over 500 LEDs per 100W module, allowing close luminaire placement where fully-mixed, uniform light is important. ReachElite High Output, RGBW adds a separate white LED creating better-quality whites than possible with traditional RGB. With Chromasync technology, ReachElite High Output optimizes the power to each LED channel providing industry-leading output in the professional exterior LED luminaire market.

- **Chromasync Pro technology** - Improves color consistency between all LED luminaires within 2SDCM and simplifies commissioning. The color control algorithm utilizes active temperature measurement combined with the data measured during manufacturing each array.

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



## Need Accessories?

Find accessory Specification Sheets on the product page.

[Product page](#)

|              |                                                |
|--------------|------------------------------------------------|
| Beam Angles  | 20° Native, 24°, 33°, 55°, 73°, 88°, 25° x 43° |
| Lumens       | 8,243 to 24,729                                |
| LED Channels | Red/Green/Blue/White                           |
| Applications | Flood Lighting, Wall Washing                   |

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Voltage           | 100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro |
| Weight            | 14.5 kg (32 lb), 28 kg (61.7 lb), 41 kg (90.3 lb)           |
| Power Consumption | 100 W, 200 W, 300 W                                         |
| Housing Material  | Die-cast aluminium, powder-coated finish                    |
| Approbations      | UL/cUL, FCC Class A, CE, PSE, CQC, RCM                      |

## Specification Sheets 100 W

| PDF Download                                                                                               | Item Number   | 12 NC         | Spread Lens  | Lens 12NC    |
|------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------|--------------|
| ReachElite High Output Powercore, RGBW, 100 W, 20°, Native (no spread lens), UL/cUL, CE, CQC               | 423-000123-03 |               | 912400138176 |              |
| ReachElite High Output Powercore, RGBW, 100 W, 10° Spread Lens, (24° Effective beam), UL/cUL, CE, CQC      | 423-000123-03 | 120-000197-07 | 912400138176 | 912400135537 |
| ReachElite High Output Powercore, RGBW, 100 W, 20° Spread Lens, (33° Effective beam), UL/cUL, CE, CQC      | 423-000123-03 | 120-000197-08 | 912400138176 | 912400135538 |
| ReachElite High Output Powercore, RGBW, 100 W, 40° Spread Lens, (55° Effective beam), UL/cUL, CE, CQC      | 423-000123-03 | 120-000197-09 | 912400138176 | 912400135539 |
| ReachElite High Output Powercore, RGBW, 100 W, 60° Spread Lens, (73° Effective beam), UL/cUL, CE, CQC      | 423-000123-03 | 120-000197-10 | 912400138176 | 912400135540 |
| ReachElite High Output Powercore, RGBW, 100 W, 80° Spread Lens, (88° Effective beam), UL/cUL, CE, CQC      | 423-000123-03 | 120-000197-11 | 912400138176 | 912400135541 |
| ReachElite High Output Powercore, RGBW, 100 W, 10° x 40° Asymmetric (25° x 43° Effective), UL/cUL, CE, CQC | 423-000123-03 | 120-000197-12 | 912400138176 | 912400135542 |

## Specification Sheets 200 W

| PDF Download                                                                                               | Item Number   | 12 NC         | Spread Lens  | Lens 12NC    |
|------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------|--------------|
| ReachElite High Output Powercore, RGBW, 200 W, 20°, Native (no spread lens), UL/cUL, CE, CQC               | 423-000223-03 |               | 912400138181 |              |
| ReachElite High Output Powercore, RGBW, 200 W, 10° Spread Lens, (24° Effective beam), UL/cUL, CE, CQC      | 423-000223-03 | 120-000197-07 | 912400138181 | 912400135537 |
| ReachElite High Output Powercore, RGBW, 200 W, 20° Spread Lens, (33° Effective beam), UL/cUL, CE, CQC      | 423-000223-03 | 120-000197-08 | 912400138181 | 912400135538 |
| ReachElite High Output Powercore, RGBW, 200 W, 40° Spread Lens, (55° Effective beam), UL/cUL, CE, CQC      | 423-000223-03 | 120-000197-09 | 912400138181 | 912400135539 |
| ReachElite High Output Powercore, RGBW, 200 W, 60° Spread Lens, (73° Effective beam), UL/cUL, CE, CQC      | 423-000223-03 | 120-000197-10 | 912400138181 | 912400135540 |
| ReachElite High Output Powercore, RGBW, 200 W, 80° Spread Lens, (88° Effective beam), UL/cUL, CE, CQC      | 423-000223-03 | 120-000197-11 | 912400138181 | 912400135541 |
| ReachElite High Output Powercore, RGBW, 200 W, 10° x 40° Asymmetric (25° x 43° Effective), UL/cUL, CE, CQC | 423-000223-03 | 120-000197-12 | 912400138181 | 912400135542 |

ReachElite High Output Powercore, RGBW Specification Sheets 300 W

| PDF Download                                                                                               | Item Number   | I2 NC         | Spread Lens  | Lens I2NC    |
|------------------------------------------------------------------------------------------------------------|---------------|---------------|--------------|--------------|
| ReachElite High Output Powercore, RGBW, 300 W, 20°, Native (no spread lens), UL/cUL, CE, CQC               | 423-000323-03 |               | 912400138186 |              |
| ReachElite High Output Powercore, RGBW, 300 W, 10° Spread Lens, (24° Effective beam), UL/cUL, CE, CQC      | 423-000323-03 | 120-000197-07 | 912400138186 | 912400135537 |
| ReachElite High Output Powercore, RGBW, 300 W, 20° Spread Lens, (33° Effective beam), UL/cUL, CE, CQC      | 423-000323-03 | 120-000197-08 | 912400138186 | 912400135538 |
| ReachElite High Output Powercore, RGBW, 300 W, 40° Spread Lens, (55° Effective beam), UL/cUL, CE, CQC      | 423-000323-03 | 120-000197-09 | 912400138186 | 912400135539 |
| ReachElite High Output Powercore, RGBW, 300 W, 60° Spread Lens, (73° Effective beam), UL/cUL, CE, CQC      | 423-000323-03 | 120-000197-10 | 912400138186 | 912400135540 |
| ReachElite High Output Powercore, RGBW, 300 W, 80° Spread Lens, (88° Effective beam), UL/cUL, CE, CQC      | 423-000323-03 | 120-000197-11 | 912400138186 | 912400135541 |
| ReachElite High Output Powercore, RGBW, 300 W, 10° x 40° Asymmetric (25° x 43° Effective), UL/cUL, CE, CQC | 423-000323-03 | 120-000197-12 | 912400138186 | 912400135542 |