

ReachElite High Output Powercore gen2, RGBA

High-output exterior medium-throw floodlight with intelligent RGBA 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 48 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, RGBA adds a separate amber LED which expands the color range of warmer tones - gold, yellow, and orange, as compared to RGB.

- **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.
- **Integrated Patented Powercore Pro technology** - Powercore controls power output to luminaires directly from line voltage - rapidly, efficiently, and accurately. The latest Powercore technology coupled with Data Enabler Pro gen3 enables longer run lengths of up to 400 feet, simplifying installations and reducing costs.

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



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Find accessory Specification Sheets on the product page.

[Product page](#)

Beam Angles	20° Native, 24°, 33°, 55°, 73°, 88°, 25° x 43°
Lumens	5,217 to 15,651
LED Channels	Red/Green/Blue/Amber
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, RGBA, 100 W, 20°, Native (no spread lens), UL/cUL, CE, CQC	423-000123-04		912400138177	
ReachElite High Output Powercore, RGBA, 100 W, 10° Spread Lens, (24° Effective beam), UL/cUL, CE, CQC	423-000123-04	120-000197-07	912400138177	912400135537
ReachElite High Output Powercore, RGBA, 100 W, 20° Spread Lens, (33° Effective beam), UL/cUL, CE, CQC	423-000123-04	120-000197-08	912400138177	912400135538
ReachElite High Output Powercore, RGBA, 100 W, 40° Spread Lens, (55° Effective beam), UL/cUL, CE, CQC	423-000123-04	120-000197-09	912400138177	912400135539
ReachElite High Output Powercore, RGBA, 100 W, 60° Spread Lens, (73° Effective beam), UL/cUL, CE, CQC	423-000123-04	120-000197-10	912400138177	912400135540
ReachElite High Output Powercore, RGBA, 100 W, 80° Spread Lens, (88° Effective beam), UL/cUL, CE, CQC	423-000123-04	120-000197-11	912400138177	912400135541
ReachElite High Output Powercore, RGBA, 100 W, 10° x 40° Asymmetric (25° x 43° Effective), UL/cUL, CE, CQC	423-000123-04	120-000197-12	912400138177	912400135542

Specification Sheets 200 W

PDF Download	Item Number	12 NC	Spread Lens	Lens 12NC
ReachElite High Output Powercore, RGBA, 200 W, 20°, Native (no spread lens), UL/cUL, CE, CQC	423-000223-04		912400138182	
ReachElite High Output Powercore, RGBA, 200 W, 10° Spread Lens, (24° Effective beam), UL/cUL, CE, CQC	423-000223-04	120-000197-07	912400138182	912400135537
ReachElite High Output Powercore, RGBA, 200 W, 20° Spread Lens, (33° Effective beam), UL/cUL, CE, CQC	423-000223-04	120-000197-08	912400138182	912400135538
ReachElite High Output Powercore, RGBA, 200 W, 40° Spread Lens, (55° Effective beam), UL/cUL, CE, CQC	423-000223-04	120-000197-09	912400138182	912400135539
ReachElite High Output Powercore, RGBA, 200 W, 60° Spread Lens, (73° Effective beam), UL/cUL, CE, CQC	423-000223-04	120-000197-10	912400138182	912400135540
ReachElite High Output Powercore, RGBA, 200 W, 80° Spread Lens, (88° Effective beam), UL/cUL, CE, CQC	423-000223-04	120-000197-11	912400138182	912400135541
ReachElite High Output Powercore, RGBA, 200 W, 10° x 40° Asymmetric (25° x 43° Effective), UL/cUL, CE, CQC	423-000223-04	120-000197-12	912400138182	912400135542

ReachElite High Output Powercore, RGBA Specification Sheets 300 W

PDF Download	Item Number	I2 NC	Spread Lens	Lens I2NC
ReachElite High Output Powercore, RGBA, 300 W, 20°, Native (no spread lens), UL/cUL, CE, CQC	423-000323-04		912400138187	
ReachElite High Output Powercore, RGBA, 300 W, 10° Spread Lens, (24° Effective beam), UL/cUL, CE, CQC	423-000323-04	120-000197-07	912400138187	912400135537
ReachElite High Output Powercore, RGBA, 300 W, 20° Spread Lens, (33° Effective beam), UL/cUL, CE, CQC	423-000323-04	120-000197-08	912400138187	912400135538
ReachElite High Output Powercore, RGBA, 300 W, 40° Spread Lens, (55° Effective beam), UL/cUL, CE, CQC	423-000323-04	120-000197-09	912400138187	912400135539
ReachElite High Output Powercore, RGBA, 300 W, 60° Spread Lens, (73° Effective beam), UL/cUL, CE, CQC	423-000323-04	120-000197-10	912400138187	912400135540
ReachElite High Output Powercore, RGBA, 300 W, 80° Spread Lens, (88° Effective beam), UL/cUL, CE, CQC	423-000323-04	120-000197-11	912400138187	912400135541
ReachElite High Output Powercore, RGBA, 300 W, 10° x 40° Asymmetric (25° x 43° Effective), UL/cUL, CE, CQC	423-000323-04	120-000197-12	912400138187	912400135542