

ReachElite High Punch Powercore gen2, RGBA

High-performance exterior long-throw floodlight
with intelligent RGBA light

ReachElite is a premium exterior long-throw luminaire designed to light large-scale outdoor structures ranging from bridges and facades to monuments and skyscrapers. Powerful enough to hit targets up to 381 m (1,250 ft) away with the 300 W luminaire, ReachElite raises the bar for optical control, performance and beam quality in LED lighting. What sets ReachElite apart from the competition is its application efficiency, high punch, and adaptability. ReachElite delivers high-quality color light exactly where you want it. With a 3° native beam angle ReachElite introduces a new level of precision and punch to the premium exterior LED luminaire market.

- Excels in a wide range of lighting applications including flood lighting, spot lighting, wall grazing and wall washing
- Native 3° beam angle allows for the light to hit targets up to 1,250 ft away
- Chromasync technology improves color consistency between all LED luminaires in a family



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Beam Angle	8°, 10°, 20°, 40°, 60°, 80°, 10° x 40°
Lumens*	2,708 to 3,403
Efficacy (lm/W) All Channels Full On	28.6 to 36.0
LED Channels	Red/Green/Blue/White
Environment	Dry/Damp/Wet Location, IP66

Input Voltage	100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro
Power Consumption	94.6 W
Weight	100 - 14.5 kg (32 lb), 200 - 28 kg (61.7 lb), 300 - 41 kg (90.3 lb)
Housing Material	Die-cast aluminium, powder-coated finish
Approbations	UL/cUL, FCC Class A, CE, PSE, CQC, RCM

100 Specification Sheets

PDF Download	Lumens	Efficacy	Item Number	Spread Lens	12NC	Spread Lens 12NC
100 to 277 VAC, 3°, Native (no spread lens), UL/cUL, CE, CQC	3,403	36.0	423-000102-01		912400137770	
100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	2,935	31.0	423-000102-01	120-000197-06	912400137770	912400135536
100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	2,957	31.3	423-000102-01	120-000197-07	912400137770	912400135537
100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	2,808	29.7	423-000102-01	120-000197-08	912400137770	912400135538
100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	2,820	29.8	423-000102-01	120-000197-09	912400137770	912400135539
100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	2,783	29.4	423-000102-01	120-000197-10	912400137770	912400135540
100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	2,708	28.6	423-000102-01	120-000197-11	912400137770	912400135541
100 to 277 VAC, 10° x 40° Spread Lens, UL/cUL, CE, CQC	2,763	29.2	423-000102-01	120-000197-12	912400137770	912400135542

200 Specification Sheets

PDF Download	Lumens	Efficacy	Item Number	Spread Lens	12NC	Spread Lens 12NC
100 to 277 VAC, 3°, Native (no spread lens), UL/cUL, CE, CQC	6,806	36	423-000202-01		912400137773	
100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	5,870	31	423-000202-01	120-000197-06	912400137773	912400135536
100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	5,914	31.3	423-000202-01	120-000197-07	912400137773	912400135537
100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	5,616	29.7	423-000202-01	120-000197-08	912400137773	912400135538
100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	5,640	29.8	423-000202-01	120-000197-09	912400137773	912400135539
100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	5,566	29.4	423-000202-01	120-000197-10	912400137773	912400135540
100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	5,416	28.6	423-000202-01	120-000197-11	912400137773	912400135541
100 to 277 VAC, 10° x 40° Spread Lens, UL/cUL, CE, CQC	5,526	29.2	423-000202-01	120-000197-12	912400137773	912400135542

300 Specification Sheets

PDF Download	Lumens	Efficacy	Item Number	Spread Lens	12NC	Spread Lens 12NC
100 to 277 VAC, 3°, Native (no spread lens), UL/cUL, CE, CQC	10,209	36	423-000302-01		912400137776	
100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC	8,805	31	423-000302-01	120-000197-06	912400137776	912400135536
100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC	8,871	31.3	423-000302-01	120-000197-07	912400137776	912400135537
100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC	8,424	29.7	423-000302-01	120-000197-08	912400137776	912400135538
100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC	8,460	29.8	423-000302-01	120-000197-09	912400137776	912400135539
100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC	8,349	29.4	423-000302-01	120-000197-10	912400137776	912400135540
100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC	8,124	28.6	423-000302-01	120-000197-11	912400137776	912400135541
100 to 277 VAC, 10° x 40° Spread Lens, UL/cUL, CE, CQC	8,289	29.2	423-000302-01	120-000197-12	912400137776	912400135542

* Lumen measurement complies with IES LM-79-08 testing procedures.
ReachElite 200 and 300 output measurements are estimated based on ReachElite 100 measurements.