

# ReachElite High Punch Powercore gen2, IntelliHue

High-performance exterior long-throw floodlight with intelligent white and color 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 over 453 m (1,487 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 white and 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 1,487 ft away
- Chromasync technology improves color consistency between all LED luminaires in a family

|                                      |   |
|--------------------------------------|---|
| Beam Angle                           | 3° (Native), 5°, 10°, 20°, 40°, 60°, 80°, 10° x 40° |
| Lumens*                              | 3,459 to 4,345                                      |
| Efficacy (lm/W) All Channels Full On | 36.6 to 46.0  |
| LED Channels                         | Red/Green/Blue/Mint White                           |
| Environment                          | Dry/Damp/Wet Location, IP66                         |



[Product page](#)

|                   |   |
|-------------------|---|
| Input Voltage     | 100 to 277 VAC, auto-ranging, 50/60 Hz via Data Enabler Pro         |
| Power Consumption | 94.4 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 |
|---|--------|----------|---------------|---------------|--------------|------------------|
| <a href="#">100 to 277 VAC, 3° Native (no spread lens), UL/cUL, CE, CQC</a> | 4,345  | 46.0     | 423-000102-02 |               | 912400137771 |                  |
| <a href="#">100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC</a>             | 3,749  | 39.7     | 423-000102-02 | 120-000197-06 | 912400137771 | 912400135536     |
| <a href="#">100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC</a>            | 3,778  | 40.0     | 423-000102-02 | 120-000197-07 | 912400137771 | 912400135537     |
| <a href="#">100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC</a>            | 3,587  | 38.0     | 423-000102-02 | 120-000197-08 | 912400137771 | 912400135538     |
| <a href="#">100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC</a>            | 3,603  | 38.2     | 423-000102-02 | 120-000197-09 | 912400137771 | 912400135539     |
| <a href="#">100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC</a>            | 3,555  | 37.7     | 423-000102-02 | 120-000197-10 | 912400137771 | 912400135540     |
| <a href="#">100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC</a>            | 3,459  | 36.6     | 423-000102-02 | 120-000197-11 | 912400137771 | 912400135541     |
| <a href="#">100 to 277 VAC, 10° x 40° Spread Lens, UL/cUL, CE, CQC</a>      | 3,530  | 37.4     | 423-000102-02 | 120-000197-12 | 912400137771 | 912400135542     |

## 200 Specification Sheets

| PDF Download   | Lumens | Efficacy | Item Number   | Spread Lens   | 12NC         | Spread Lens 12NC |
|--|--------|----------|---------------|---------------|--------------|------------------|
| <a href="#">100 to 277 VAC, 3°, Native (no spread lens), UL/cUL, CE, CQC</a> | 8,690  | 46       | 423-000202-02 |               | 912400137774 |                  |
| <a href="#">100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC</a>              | 7,498  | 39.7     | 423-000202-02 | 120-000197-06 | 912400137774 | 912400135536     |
| <a href="#">100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC</a>             | 7,556  | 40       | 423-000202-02 | 120-000197-07 | 912400137774 | 912400135537     |
| <a href="#">100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC</a>             | 7,174  | 38       | 423-000202-02 | 120-000197-08 | 912400137774 | 912400135538     |
| <a href="#">100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC</a>             | 7,206  | 38.2     | 423-000202-02 | 120-000197-09 | 912400137774 | 912400135539     |
| <a href="#">100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC</a>             | 7,110  | 37.7     | 423-000202-02 | 120-000197-10 | 912400137774 | 912400135540     |
| <a href="#">100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC</a>             | 6,918  | 36.6     | 423-000202-02 | 120-000197-11 | 912400137774 | 912400135541     |
| <a href="#">100 to 277 VAC, 10° x 40° Spread Lens, UL/cUL, CE, CQC</a>       | 7,060  | 37.4     | 423-000202-02 | 120-000197-12 | 912400137774 | 912400135542     |

## 300 Specification Sheets

| PDF Download   | Lumens | Efficacy | Item Number   | Spread Lens   | 12NC         | Spread Lens 12NC |
|--|--------|----------|---------------|---------------|--------------|------------------|
| <a href="#">100 to 277 VAC, 3°, Native (no spread lens), UL/cUL, CE, CQC</a> | 13,035 | 46       | 423-000302-02 |               | 912400137777 |                  |
| <a href="#">100 to 277 VAC, 5° Spread Lens, UL/cUL, CE, CQC</a>              | 11,247 | 39.7     | 423-000302-02 | 120-000197-06 | 912400137777 | 912400135536     |
| <a href="#">100 to 277 VAC, 10° Spread Lens, UL/cUL, CE, CQC</a>             | 11,334 | 40       | 423-000302-02 | 120-000197-07 | 912400137777 | 912400135537     |
| <a href="#">100 to 277 VAC, 20° Spread Lens, UL/cUL, CE, CQC</a>             | 10,761 | 38       | 423-000302-02 | 120-000197-08 | 912400137777 | 912400135538     |
| <a href="#">100 to 277 VAC, 40° Spread Lens, UL/cUL, CE, CQC</a>             | 10,809 | 38.2     | 423-000302-02 | 120-000197-09 | 912400137777 | 912400135539     |
| <a href="#">100 to 277 VAC, 60° Spread Lens, UL/cUL, CE, CQC</a>             | 10,665 | 37.7     | 423-000302-02 | 120-000197-10 | 912400137777 | 912400135540     |
| <a href="#">100 to 277 VAC, 80° Spread Lens, UL/cUL, CE, CQC</a>             | 10,377 | 36.6     | 423-000302-02 | 120-000197-11 | 912400137777 | 912400135541     |
| <a href="#">100 to 277 VAC, 10° x 40° Spread Lens, UL/cUL, CE, CQC</a>       | 10,590 | 37.4     | 423-000302-02 | 120-000197-12 | 912400137777 | 912400135542     |

\* Native beam lumen output measurements comply with IES LM-79-08 testing procedures. All other beam angle measurements are estimated based on the native beam measurements. ReachElite 200 and 300 output measurements are estimated based on ReachElite 100 measurements.