ACP1 Series

Small LED Floodlight



The ACP1 LED Series is a value-driven solution for floodlighting applications where reliability, high performance, simple installation and hassle-free maintenance must be balanced with low initial cost of installation.

With energy savings exceeding 60% over HID alternatives and expected service life of over 20 years, ACP1 LED luminaires excel at meeting the challenges typically associated with floodlighting.

By combining robust mechanical design features with highly engineered LED engines and industry-leading optical expertise, this luminaire excels as a direct retrofit for both yoke and knuckle mount products. A large portfolio of control options also provides a path to simplified control and asset management in both small and enterprise scaled applications.

Key Selling Points

- Medium scale luminaire (45lb tenon mount and 54lb yoke mount)
- Embedded DC powered controls synergize with digital drivers and showcase Acuity Brands® vertical integration
- NEMA P7 or Zhaga® receptacle options for additional DTL®, nLight® or 3rd party controls or sensors
- Optional field-adjustable lumen output module
- Robust design with IP66 rating, 3G vibration rating, and a super durable polyester paint finish with 5,000-hour salt fog rating
- Mounting options include tenon slipfitter knuckle, galvanized steel yoke or painted steel yoke for both top and bottom mount
- Segmented high-performance internal reflectors are designed for superior field to beam ratios, uniformity, and spacing
- Optional shielding available to control light trespass and uplight
- Vandal guard and wire guard options

Quick Facts

- Replaces 400-1,000W HPS or 250-1,000W MH
- Distribution choices include 5x5, 6x5 and 6x6 NEMA beam patterns
- L70 LED and driver life greater than 100,000 hours
- Up to 40°C ambient temperatures
- 20kV/10kA extreme surge protection
- 3000K, 4000K and 5000K CCT available
- 5,000-hour salt spray finish standard
- IP66 and 3G rated construction

Applications

- Utility
- Commercial
- Security
- Residential
- Industrial

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Multiple control and sensor options for any need

The ACP1 series combines high performance with a wide assortment of embedded and field-installed controls to improve energy savings, enhance system security and simplify asset management. With the ACP1 you get simplified installation and control combined with reduced maintenance and long, reliable system life. The information below gives a brief look into how the control solutions offered with the ACP1 can simplify and reduce costs in your lighting infrastructure operations.

DTL DC CONNECT

Greatest value for dusk-to-dawn control. Embedded DC-powered photocontrol from DTL reduces common failure points.

nLIGHT® WIRELESS

Available with wireless networked embedded controls from nLight for area/site applications which enables dusk-to-dawn, switching, dimming and scheduling.

DTL LOCAL CONNECT

Embedded DC-powered photocontrol from DTL communicates to Local Connect mobile app and web portal. Also provides a complete database of lighting assets with GPS coordinates and a simple map based interface accessed through the app or the desktop application.

GLOBAL CONNECT

Offers the greatest levels of flexibility and scalability in luminaire configuration options for networked controls, sensors and asset management. Designed to meet NEMA industry standards and Zhaga certifications for receptacles.

CELL CONNECT

Cell Connect is a networked photocontrol with cellular communication. It provides digital switching, precise dimming, and revenue grade metrology. Cell Connect is D4i compliant and leverages embedded D4i drivers to communicate real-time data to UbiVu, a cloud-based asset management system.



DC Connect



Local Connect



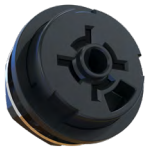
nLight® Wireless



Cell Connect



NEMA P7 Receptacle



Zhaga Receptacle

	Dusk to Dawn	Dimming	Scheduling	Embedded Occupancy Sensor	Remote Control	Asset Management	Networked Controls	Sensors	Monitoring
DTL DC Connect	✓								
nLight	✓	✓	✓	✓	✓		✓		
DTL Local Connect	✓	✓	✓		✓	✓			
Global Connect	*	*	*		*	*	*	*	*
Cell Connect	✓	✓	✓		✓	✓	✓	*	✓

* Capabilities with P7 & Zhaga receptacles are obtained through a variety of DTL or 3rd party plug-in control nodes and sensors.

American Electric Lighting®

Warranty Five-year limited warranty. Full warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
Visit our web site at www.americanelectriclighting.com
Product specifications may change without notice. Please contact your sales representative for the latest product information.

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