



Predator[®] PSLED

Small Floodlight

Typical Applications

Ports & Rail Facilities
Industrial Parks
Correctional Facilities
Military Bases
Water & Wastewater
Schools & Campuses
Substations
Parking Lots

With energy savings exceeding 60% over HID alternatives and expected service life of over 20 years, the Predator PSLED from HoloPhane[®] excels at meeting the challenges typically associated with floodlighting applications.

By combining the robust mechanical design features with the optical expertise and permanence of prismatic glass, the PSLED is the perfect replacement for either yoke or tenon mount floodlights. Clean, crisp white LED light, durable construction, visual comfort and reduced energy consumption and maintenance costs make the Predator LED the optimal solution for all floodlighting applications. A large portfolio of control options also provides a path to simplified control and asset management in both small and enterprise scaled applications.

Key Features

- + High-performance light engine with prismatic borosilicate glass optics for increased visual comfort
- + 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
- + Robust XVOLT driver protects against dirty power issues
- + Flexible mounting options including both yoke and knuckle



Specifications & Performance

- + Replaces 100 - 400W HPS or 250 - 1,000W MH
- + 5,500 to 32,300 Lumens and up to 1.58 LPW
- + Uniform illumination for any application, including 4X4, 4X5, 5X5, 6X5, 6X6 NEMA patterns
- + 3000K, 4000K or 5000K CCT at 70 CRI
- + Up to 40°C ambient temperatures
- + 20kV/10kA extreme surge protection
- + System life rate for > 100,000 hours at 25°C, L70
- + UL1598 and UL1598A Marine safety listing available
- + 5,000-hour salt spray finish standard
- + IP66 and 3G rated construction
- + Vandal guard and wire guard options
- + Light trespass shield options
- + Enhanced replacement part options & availability

Predator® PSLED

Small Floodlight

Multiple control and sensor options for any need

The Predator combines visually comfortable performance with a wide assortment of embedded and field-installed controls and sensors to improve energy savings, enhance system security and simplify asset management.

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	✓	✓	✓		Bluetooth	✓			
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.

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Warranty Five-year limited warranty. Full warranty terms located at <https://www.acuitybrands.com/support/warranty>
Product specifications may change without notice. Please contact your sales representative for the latest product information.