

# Features & Specifications

**INTENDED USE** – Combined with LED technology, these flood lights have a unique optical design equal to HID light sources yet consume less power, last longer, and are more energy efficient. They are often used to illuminate outdoor areas during low-light conditions. When you own a business, warehouse, or commercial space, LED flood lights are an effective way to protect the outside area and ensure that it stays brightly illuminated both day and night. Having your area illuminated lessens the chance of break-ins and helps ensure the safety of everyone who works in the area. In most cases, flood lights are used for security and landscape lighting purposes. However, lower-powered flood lights can be used indoors to create lighting effects and to help illuminate large event spaces.

**CONSTRUCTION** – High-density aluminum alloy housing with a bronze powder coat finish for lasting durability. Transparent and weather resistant lens. Housing is sealed against moisture and environmental contaminants (IP65 rated). Designed to protect each fixture from inclement weather.

**OPTICS** – High-performance LEDs maintain a 2310 Lumen output at 5000K for up to 50,000 hours. Use lower Lumen flood lights (2,300-7,000 lumen range) for indoor and soft setting applications and higher Lumen flood lights for commercial use.

**ELECTRICAL** – Integral heat sink, Input voltage of 120-277 VAC, 50/60Hz. Consider adding a surge protector to protect your fixtures from power surges in your electrical system as an added insurance policy to your investment.

**MOUNTING** – Trunnion option for adjustable wall, pole, or roof mounting; ideal for flag and sign lighting. Slipfitter option for pole top or bullhorn mounting; ideal for landscape and signs. Adjustable knuckle mount (included) with optional ground stake for flag and sign lighting, building façade, and landscape lighting.

**LISTINGS** – UL Certified to safety standards for wet locations. Rated for -40°F to 131°F ambient temperature. IP-65 Rated.

**WARRANTY** – 5-year warranty. PLT products that are damaged or defective will be repaired or replaced at PLT's choosing for a period of 5 years. Contact 1-800-624-4488 for more information.

**ADD-ONS** – Pair with timers, photocells, and motion sensors for hassle free bright nighttime lighting and energy savings during the day without needing to worry about manually turning the fixture on and off. If pairing with a photocell, it must be LED compatible in order to operate properly. If using a conventional photocell, be sure to replace it with one rated for use with LEDs. While conventional light sensors will still work with LED fixtures at first, they will burn out prematurely. The same is true for motion sensors.

**Photocells:** Detects the presence of visible light and turns the associated fixture on or off according to measured ambient light levels. The most commonly used type of control for wall packs and exterior light fixtures.

**Timers:** An electronic component which adjusts the when a light operates according to pre-set schedule. Consistently turns lights on or off for a specified time frame.

**Motion Sensors:** Senses occupancy of a space and turns lights on and off when movement is detected. Ideal for areas where the traffic of occupants fluctuates. Passive Infrared (PIR) sensors detect body heat (infrared energy). Typically used in exterior parking and structure applications and requires a direct line of sight to function properly. Microwave sensors may also be used to detect moving objects through the emission and reception of high-frequency microwaves in conformance with the doppler frequency shift principle and the ISM 5.8Hz radio band.



#### Dimensions

Height: 3.62 in.

Width: 5.1 in.

Depth: 2.1 in.

Weight: 1.1 lbs

SKU#	Kelvin	Lumens	Angle	Wattage	Voltage	DLC?	Mounting	Life Hours	Warranty
PLT-50179	5000	2310	110	20	120-277	No	Knuckle	50,000	5 Year