


Certified LED Lights®

Product Data Sheet
Pencil Photocell



Product Overview

This Swivel Pencil Photocell is a versatile lighting control accessory designed to automate outdoor luminaires by responding to changes in natural daylight. Engineered for 120–277V electrical systems, this photocell is commonly used with wall packs, floodlights, and other exterior lighting fixtures to provide dependable dusk-to-dawn operation.

What distinguishes this model from standard button-style photocells is its swivel design, which allows installers to adjust the sensor's direction so it can accurately detect surrounding light conditions without interference from nearby fixtures, building reflections, or shaded areas. This directional capability improves reliability and prevents false triggering that might otherwise occur if the sensor is exposed to stray light sources.

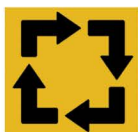
The photocell is typically mounted directly onto compatible luminaires or electrical enclosures, integrating seamlessly with many exterior lighting products, including floodlights and wall pack fixtures that support optional photocell controls. Built for durability in outdoor environments and backed by a 5-yr warranty, the unit is intended to withstand common environmental conditions while maintaining consistent performance for long-term lighting automation.

By ensuring lights operate only when natural illumination is insufficient, this photocell helps improve energy efficiency, security, and operational convenience in commercial, industrial, and residential lighting installations, making it a practical solution for exterior building perimeters, parking areas, pathways, and landscape lighting systems.

Applications



Parking lots



Perimeter



Security



Pathways

Main Features

- * Control light sources including LED incandescent, HID and fluorescent
- * Heavy-duty, rain-proof, polycarbonate housing and lens
- * Photocell is ½" diameter CdS (cadmium-sulfide)
- * Universal 120-277 AC voltage (50-60Hz) is standard
- * Preset 3 to 10 second time-delay prevents unintended switching due to momentary flashes of light
- * Power consumption: 2 watts
- * Switches light source on when ambient lighting levels decrease to 1-2 foot-candles
- * Switches light source off when ambient lighting levels increase to 3-8 foot-candles

Product Warranty



Highlights and Certifications



UL listed



Wet Location

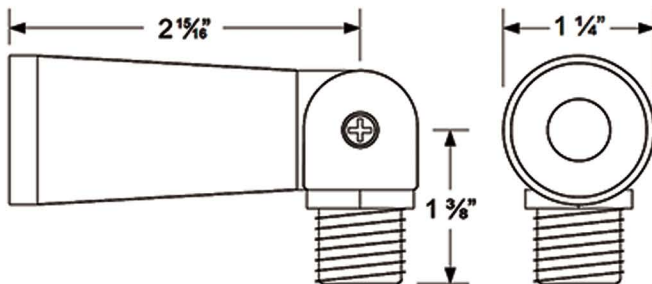


FCC Part 15
Class A

Key Specifications

- * UL Listed
- * Suitable for ambient temperatures ranging from -40°F to 158°F, 99% relative humidity
- * 5-year warranty on all electronics and housing

Dimensions



Ordering Guide

PART #	Input Voltage	Swivel	Type	Rated Load	Power Leads	Mounting Nipple
PENPC	120V-277V	0-200	Pencil	500W	16 AWG, 302 F, 6"	Conduit & Zinc Alloy Nut

Application

