

PC-WH-EZ10

EZ-Connect™ Photocell Sensor



The PC-WH-EZ10 is a Plug & Play Photocell Sensor for Automatic On/Off Control Based on Ambient Light Levels. It delivers reliable lighting control for applications such as street lighting, passageways, and doorway illumination, ensuring lights operate only when needed. The sensor features a photoelectric switch with a 5-second time delay to help prevent false triggers caused by lightning or spotlight interference during nighttime operation. Rated for wet and cold locations, it can be field-installed in fixtures equipped with an EZ-Connect™ receptacle with Twist Lock System.

TECHNICAL SPECIFICATIONS¹

- **Construction:** White Polycarbonate.
- **Sensing Technology:** Photocell.
- **Connection Method:** EZ10 (Compatible with EZ-Connect™ Receptacles with Twist Lock System).
- **Input Voltage:** 12-24V DC.
- **Current Consumption:** >20mA.
- **Standby Power:** ≤ 0.4W.
- **Control Output:** 0-10V, 25mA.
- **Default Settings:** 10~20 Lux On / 30~80 Lux Off.
- **Operating Temperature Range:** -40°C to +70°C (-40°F to +158°F).

FEATURES

- EZ-Connect™: installs in seconds without tools or wiring.
- 5-second Time Delay: prevents false switching caused by transient light sources (e.g., lightning or spotlights).
- Easy-to-test Functionality.
- Suitable for Indoor and Outdoor use.

LISTINGS

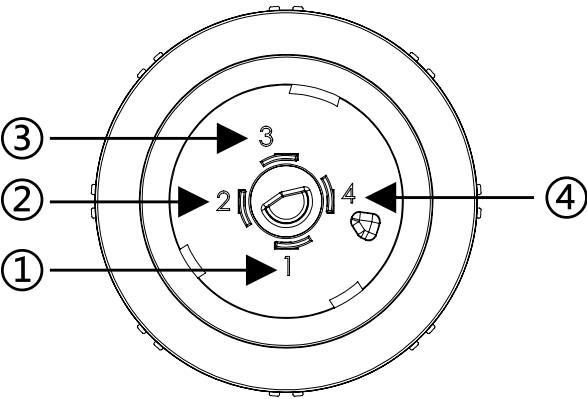
- FCC, UL, DLC, RoHS, IP65.
- Complies with UL773A standard for non-industrial photoelectric switches for lighting control.



ORDERING

Part Number	Description
PC-WH-EZ10	Photocell Sensor, White Color, EZ-Connect™ Twist Lock System, Plug & Play, On/Off, IP65. Field installed.

CONNECTION DIAGRAM



Port 1	12-24V DC
Port 2	GND/DIM-
Port 3	DIM+
Port 4	NC

SENSOR OPERATION



OFF

The light remains OFF under sufficient natural daylight, even if presence is detected.



ON

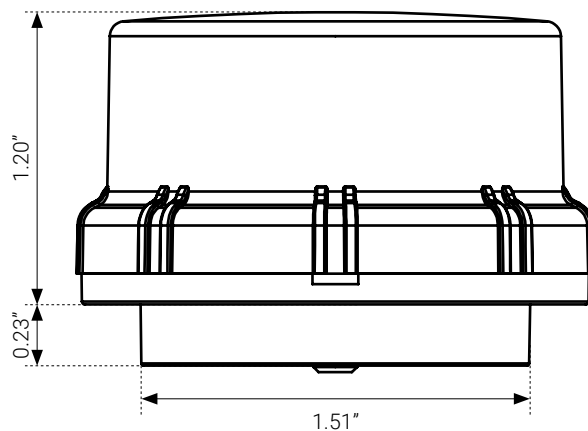
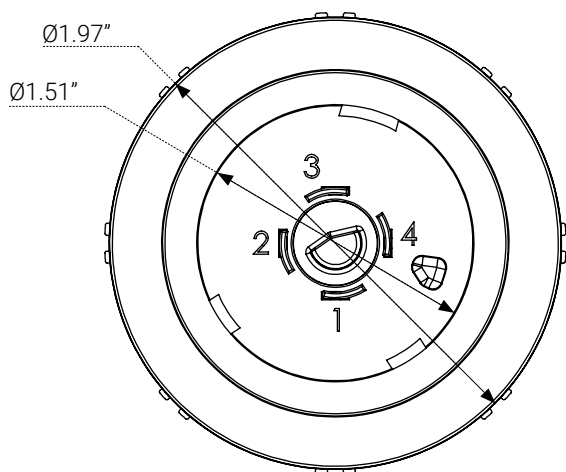
The sensor automatically turns the light ON when ambient natural light is insufficient.



Photocell Placement Warning

Avoid installing multiple basic or non-networked photocells on the same pole or near artificial light sources, as this may cause interference or inconsistent operation.

DIMENSIONS & DRAWINGS



FOOTNOTES

1. The performance of sensors and lenses is influenced by various factors beyond Linmore's control, including but not limited to environmental conditions, user settings, and proper maintenance. While we provide detailed specifications and guidelines to help optimize performance, we cannot guarantee or be held liable for the performance of sensors or lenses under any particular circumstance(s). Customers are advised to test the products in their specific application environments to ensure suitability for their intended use and are responsible for all sensor and lens selections.

Updated: 2026/10/07

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2360 S Orange Ave, Fresno, CA 93725 | 559 485 6010 | info@linmoreled.com | linmoreled.com



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