

Wireless Photocell



Description

The Leviton Wireless Photocells (LURPC) are designed to monitor and measure natural or electric light levels as a key component in a wireless daylight harvesting solution.

The wireless, battery-powered photocell uses a sensor to intelligently measure light levels to determine optimal daylight design levels for closed loop applications. The LURPC can be used to trigger other devices in a Lumina™ RF network for additional daylight harvesting and automation capabilities. Requires use with Lumina™ RF Keypad Room Controller or GreenMAX® DRC Wireless Keypad Room Controller.

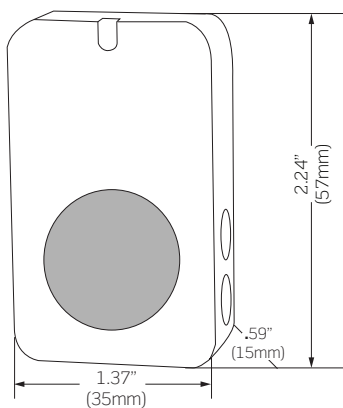
Features

- Code compliant daylight harvesting solution—when used as a component in a system to meet energy code requirements for IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 energy code requirements
- Real time light measurement—continuous adjustment of electrical light levels to user-defined set points
- Wireless mesh network—self-healing mesh network has no hardwired backbone and connects all products together for a more robust and reliable wireless system
- Sleepy endpoint—low power, battery operated, only powers up when transmitting for energy efficient operation

Features, cont'd

- Zero external power required—with no power wire limitations, the installer can place the sensor in the optimal location of any application
- No additional wiring—battery-powered wireless technology eliminates the need to pull additional wire, making installation quick and easy and increasing labor savings with little to no impact to business during conversion
- Easy mounting—easily mount to surface using a ceiling tile stem, surface mount screws or double sided tape
- Complies with IEEE 802.15.4 standards—for domestic and international wireless networks
- Code compliant energy management functionality—can be used to meet energy code requirements for IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control and automatic shutoff requirements

Dimensions Diagram



Specifications

Electrical	
Power Supply	(2) CR2450 3V lithium batteries (included)
Battery Life	6 years (normal operation)
Frequency	2.4 GHz
Light Sensitivity	0.09-278.70FC (1-3,000 LUX)
Environmental	
Operating Temperature Range	14 to 122°F (-10 to 50°C)
Usage	Indoors only
Other	
Energy Codes	Can be used as a component in a system to meet energy code requirements for IECC, ASHRAE 90.1, and 2019 Title 24, Part 6 space/area control, dimming, manual-ON/OFF, occupancy/vacancy control and automatic shutoff requirements
Listings	FCC certified for wireless communication (U.S.), IC Certified (Canada), US: FCC Part 15B
Dimensions	2.24"H x 1.37"W x .59"D (57mm x 35mm x 15mm)
Warranty	2-Year Limited

Ordering Information

Product Name	
Cat. No.	Description
LURPC-01W	Lumina RF Surface Mount Photocell

Leviton Manufacturing Co., Inc. Lighting & Controls

20497 SW Teton Avenue, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PT Mon-Fri) 800-959-6004

Leviton Manufacturing Co., Inc. Global Headquarters

201 North Service Road, Melville, NY 11747-3138 **tel** 800-323-8920 **tech line** (8:30AM-7:00PM ET Mon-Fri) 800-824-3005

Visit our Website at: www.leviton.com/greenmaxdrc

©2021 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.