

Lumina™ RF Wireless Photocells



LURPC-00W



LURPC-01W

BASIC OPERATION

The Leviton Lumina™ RF 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.

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

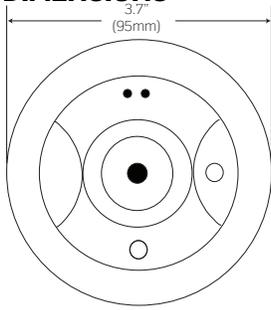
FEATURES, CONT'D

- 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 ceiling or 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

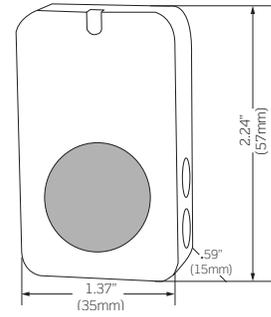
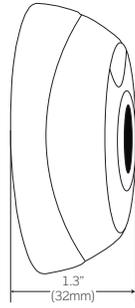
PRODUCT DATA



DIMENSIONS



LURPC-00W



LURPC-01W

SPECIFICATIONS

ELECTRICAL	LURPC-00W	LURPC-01W
Power Supply	(2) AA 3.6V lithium batteries (included)	(2) CR2450 3V lithium batteries (included)
Battery Life	5 years (normal operation)	6 years (normal operation)
Frequency	2.4 GHz	
Light Sensitivity	0.09-185.80 (1-2,000 LUX)	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	3.7"W x 1.3"D (95mm x 32mm)	2.24"H x 1.37"W x .59"D (57mm x 35mm x 15mm)
Warranty	2-Year Limited	

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
LURPC-00W	Lumina RF Ceiling Mount Photocell
LURPC-01W	Lumina RF Surface Mount Photocell

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Visit our website at: www.leviton.com/lumina_rf

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