



Project Name _____

Catalog No. _____ Date _____

Hubbell Control Solutions' wiSCAPE® Photocell provides On/Off lighting control based on detected light. Designed for outdoor lighting applications that require an external photocell, the wiSCAPE Photocell is a bi-directional wireless RF device that can transmit daytime and nighttime commands to a group or zone of wiSCAPE-enabled luminaires. The module can also be used to provide On/Off and 0-10V dimming control of a lighting circuit.

Available in either 2.4GHz or 900MHz ISM (Industrial, Scientific and Medical) radio versions, each wiSCAPE Photocell transmits over the air using military grade AES-128 (Advanced Encryption Standard) security. AES is a powerful encryption method used in many data security applications.

The wiSCAPE Photocell drastically simplifies control and automation of projects, especially in retrofit environments. The photocell module features the wiSCAPE External Module mounted to an NEMA 4X enclosure with an ANSI C136-41 7-pin twist-lock receptacle and provides out-of-the-box photocell on/off control prior to commissioning.

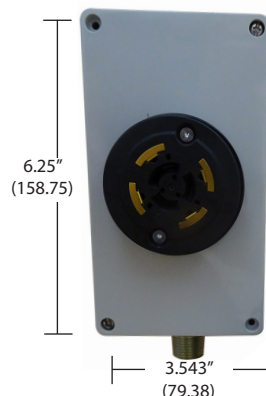
Product Features

- On/Off photocell
- Pre-programmed for out-of-the-box photocell operation
- On/Off lighting circuit control with 0-10V full-range dimming
- Bidirectional wireless RF Mesh communications
- Digital input available for motion sensor or switch control
- Military grade AES-128 communication encryption
- Multi-level grouping and multiple scenarios
- Adjustable minimum and maximum dimming levels
- Commercial-grade metering
- Complete integration with wiSCAPE software

Compliance and Certification



Dimensional Data



Ordering Information

MODEL	
WIR-PHOTOCELL	wiSCAPE™ Photocell, On/Off Control, 2.4GHz Radio, NEMA 4X Enclosure, 120-480VAC
WIR-PHOTOCELL9*	wiSCAPE™ Photocell, On/Off Control, 900MHz Radio, NEMA 4X Enclosure, 120-480VAC

* 900 MHZ DEVICES ARE MTO -- CONTACT CUSTOMER SERVICE FOR AVAILABILITY

General Specifications

Voltage	110-480VAC (+/- 10%); 50/60Hz Less than 2 watts standby consumption
Maximum Load Amperage	110-240VAC: 7 Amps 277-347VAC: 5 Amps 480VAC: 2 Amps
Photocell	Type: Phototransistor On level: 1FC Average Turn-On to Turn-Off Ratio: 1.15 Time Delay: 1 to 5 Seconds Off Only
Power Metering	Amperage, Voltage, Power (1% accuracy - C12.22 metering protocol compliance), Power Factor, Cumulative Energy, Burn-time counters
Radio Coverage	Up to ~1,000 ft. (~300m) Note: Device must be mounted vertically up. Range based on clear line of site. Recommended deployment practices: Locate wireless devices within a 300 ft. radius of the next wireless device for most reliable performance.
Ambient Temperature Range	-40°F to 158°F (-40°C to +70°C)
Relative Humidity	0% to 99% non-condensing
Dimensions	6.25" (158.75mm) L x 3.543" (79.38mm) W x 7.313" (185.75mm) D
Certifications	UL E48582 2.4GHz Version - FCC: U.S. FCC Part 15.247 Class A: OUR-XBEE PRO, Canada IC: 4214A-XBEE PRO, Europe CE: ETSI/ETSI 900MHz Version - FCC: U.S. FCC Part 15.247 Class A: MCQ-XB900HP
Warranty	Five-year limited
Wiring	Three conductors 18-gauge standard cable Red: Pos. DC input Black: DC common Yellow: Output to EMS
Certifications	ETL/UL 916 Listed Title 24 Listed RoHS compliant
Warranty	Five-year limited