

### Wireless External Fixture Module

# wiSCAPE™



Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

Hubbell Control Solutions' wiSCAPE External Fixture Module is a bidirectional wireless RF device that allows an individual fixture to be managed, monitored and metered. The universal voltage (110-480VAC) module provides ON/OFF control and features an adaptable sink & source 0-10V output compatible with all 2-wire dimming drivers and ballast.

Available in either 2.4GHz or 900MHz ISM (Industrial, Scientific and Medical) radio versions, each wiSCAPE External Fixture Module 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 External Fixture Module drastically simplifies control and automation of projects, especially in retrofit environments. The module connects to ANSI C136-41-2013 7-pin or 5-pin twist-lock receptacles. The wiSCAPE wireless lighting control technology adapts easily to complex automation situations for quick, simple and economical commissioning.

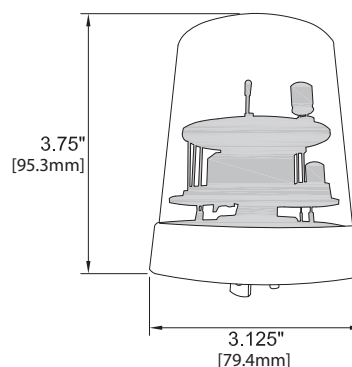
#### Product Features

- On/Off lighting control with 0-10V full-range dimming
- Bidirectional wireless RF Mesh communications
- Compliant with ANSI C136-41 (7 & 5 pin) twist-lock receptacles
- Digital input available for motion sensor, switch or photocell control
- Includes built-in, internal on/off photocell
- Military grade AES-128 communication encryption
- Multi-level grouping and multiple scenarios
- Adjustable minimum and maximum dimming levels
- Programmable power-up state with peak shaving options
- Commercial-grade metering
- Complete integration with wiSCAPE software

#### Compliance and Certification



#### Dimensional Data



#### Ordering Information

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#### MODEL

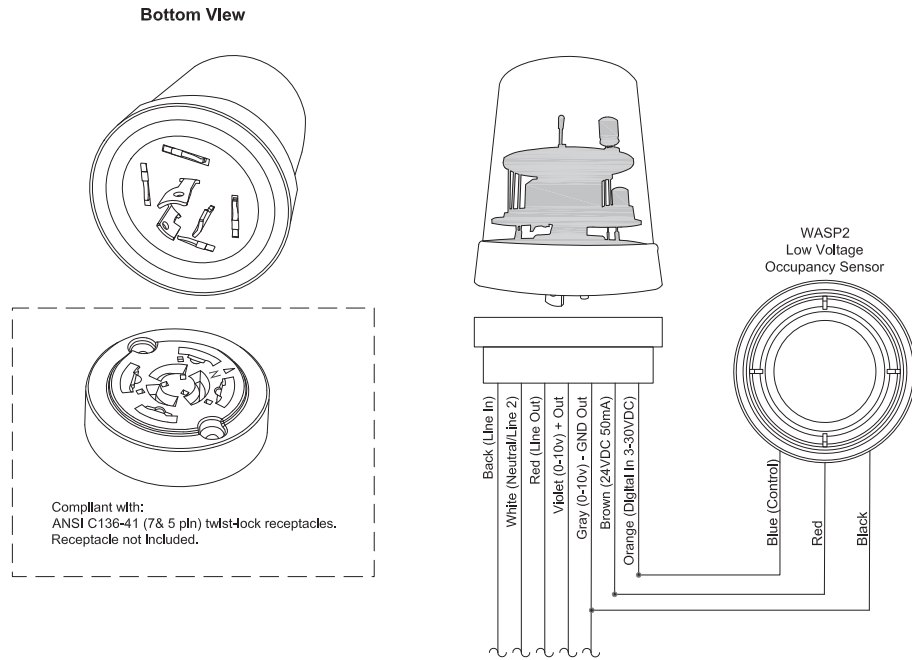
**WIR-RME-L** wiSCAPE Wireless Relay External Module, 2.4GHz  
**WIR-RME9\*** wiSCAPE Wireless Relay External Module, 900MHz

#### ACCESSORIES

**WIR-RMDB-40\*\*** wiSCAPE™ Fixture Module 0-10V Dimming Booster with 40mA Sink

\* 900 MHz Devices are MTO - Contact Customer Service for Availability  
 \*\*Add-on component that increases the number of fixtures that can be dimmed/sunk

## Wiring Diagram



## 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
Output Status Monitoring	Standard feature
Power Metering	Amperage, Voltage, Power (1% accuracy - C12.22 metering protocol compliance), Power Factor, Cumulative Energy, Burn-time counters
0-10V Dimming	For all types of 2-wire 0-10V drivers & ballasts requiring either sourced (up to 20mA) or sunk (up to 5mA)
Standard Input	1 Digital Input: ex: Motion sensor or switch (max : 30V)
Standard Output	24 V - max: 30 mA (total)
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 foot 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
Construction	IP66; Plastic Housing: UL94V-0 Flame Retardant
Dimensions	3.75" (95.3mm) H x 3.125" (79.4mm) DIA
Mounting	Compliant with ANSI C136-41(7 & 5 pin) twist-lock receptacles Receptacles not included. Please order with luminaire
Certifications	UL E485482 2.4GHz Version - FCC: U.S. FCC Part 15.247 Class A: OUR-XBEE / OUR-XBEE PRO, Canada IC: 4214A-XBEE / 4214A-XBEE PRO, Europe CE: ETSI / ETSI 900MHz Version - FCC: U.S. FCC Part 15.247 Class A: MCQ-XB900HP
Warranty	Five-year limited