

ILLUMRA™ single channel relays allow lights and fans to be controlled by ILLUMRA self-powered wireless switches, remotes and sensors. The in-line relays help simplify advanced wireless lighting control.

RELIABLE RANGE

- Indoor Range: up to 150 feet
- Each unit stores up to 30 Light Switch IDs
- Error checking on all packet transfers

EASY-TO-USE

- Installs in minutes
- Easy-to-configure
- Compatible with Self-powered Wireless Controls



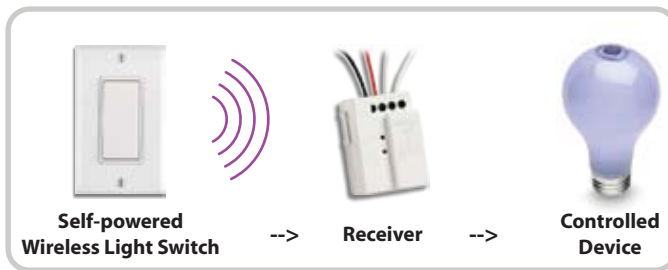
120V
(E8R-R12BP-1)



277V
(E8R-R27FP-1)

NETWORK DIAGRAM

Basic Controls



How it works:

- The in-line relays are wired between the light fixture and power source.
- Relay receivers then "Learn" the addresses of transmitting switches or sensors. Once programmed (using a simple single-button programming procedure), the receivers respond to ON/OFF commands sent by transmitters stored in memory.

COMPATIBLE WIRELESS TRANSMITTERS



SPECIFICATIONS

120V Relay Receiver (E8R-R12BP-1)

Indoor Range (non line-of-sight)	up to 150 feet
Frequency	868 MHz
Relay Output	110-125 VAC, 8.2
Maximum Loads	200 W (Tungsten/Incandescent) 140 W (Fluorescent ballast) cos=0.4-0.6 1000 W resistive (Non-lighting Devices)
Power supply	120-125 VAC
Number output channels	1
Memory	Stores up to 30 Switch IDs
Weight	5 oz.
Dimensions	47.0mm x 33.0mm x 28.0mm
Radio Certification	FCC

277V Relay Receiver (E8R-R27FP-1)

Maximum Loads	1200 W (20A) at specified voltage
Radio Certification	Line Voltage switching element UL/CSA approved

For Reliable Radio Modems & Dedicated Technical Support

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