



# 3-Wire Relay Receiver

E3R-R02-3HOBP (24 VAC)	E3R-R02-3HOTP (24 VAC)	Threaded Nipple
E3R-R12-3HOBP (120 VAC)	E3R-R12-3HOTP (120 VAC)	Threaded Nipple
E3R-R24-3HOBP (240 VAC)	E3R-R24-3HOTP (240 VAC)	Threaded Nipple
E3R-R27-3HOBP (277 VAC)	E3R-R27-3HOTP (277 VAC)	Threaded Nipple

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

## Easy-To-Use

- Installs in minutes, programs in seconds
- Requires no switch leg or traveler wires
- Compatible with ILLUMRA transmitters

## Reliable Range

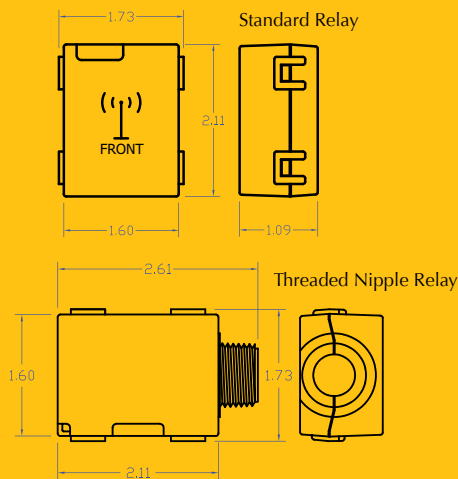
- 50-150 foot range (typical)
- Each unit stores up to 30 light switch IDs
- Error checking on all packet transfers

## Save Time and Money

Avoid costly and time-consuming installation of hardwire switches in your remodel or retrofit by choosing wireless ILLUMRA switches and receivers.

## Save Energy

Conserve energy and save money by connecting the receiver to an ILLUMRA occupancy sensor or by programming all lights to respond to a single master switch. ILLUMRA makes it easy to keep lights and systems off when not in use!



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## Simple Wireless Controls

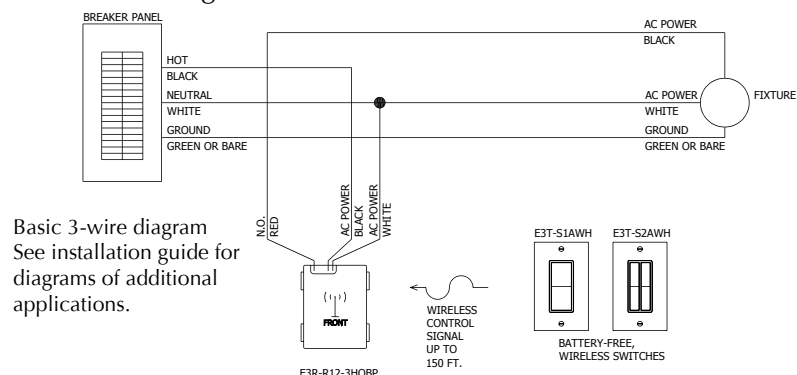
- Architectural lighting
- Load shedding
- Manual or Automatic ON and/or OFF controls

## Control The Way You Want It

- Control the 3-Wire Relay Receiver with a variety of devices:
- Self-powered wireless light switches
- Wireless occupancy sensors, Manual or Automatic ON

	E3R-R02-3HOBP E3R-R02-3HOTP	E3R-R12-3HOBP E3R-R12-3HOTP	E3R-R24-3HOBP E3R-R24-3HOTP	E3R-R27-3HOBP E3R-R27-3HOTP
Range	50-150 feet (typical)			
Frequency	315 MHz			
Relay Output	24 VAC	120 VAC	240 VAC	277 VAC
Max Loads/ Contact Ratings	Tungsten / Incandescent	100 W	500 W	1000 W
	Fluorescent Ballast	3 A		
	General Duty	6 A		
	A300 Pilot Duty	24 VA	120 VA	240 VA
Power Supply	24 VAC	120 VAC	240 VAC	277 VAC
Output Channels	1 FORM A Relay			
Memory	Stores up to 30 switch IDs			
Dimensions	2.11 x 1.73 x 1.09 inches (54 x 44 x 28 mm)			
Operating Temperature	14° to +122°F (-10° to +50°C)			
Storage Temperature	-4° to +176°F (-20° to +80°C)			
Radio Certification	FCC (United States): SZV-TCM2XXC I.C. (Canada): 5713A-TCM2XXC			
Safety Approval	ETL (U.S.): UL244A ETL (Canada): CSAc22.2#14-05			
Plenum Rating	UL2043			

## Network Diagram



Basic 3-wire diagram  
See installation guide for  
diagrams of additional  
applications.

This device or certain aspects thereof is protected by at least one U.S. or international patent or has at least one such patent application pending.



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