



Fixture Controller 5A On/Off

The ILLUMRA 5A On/Off Controller switches line-voltage loads On or Off based on wireless signals from ILLUMRA self-powered switches, occupancy sensors, light sensors, and gateways.

Use as part of a wireless control system to reduce installation time and expense, add convenience, reduce energy consumption, and comply with the latest energy regulations.



- On/Off control of any 5A load such as lights, fans, pumps, etc.
- Save installation time & cost
- Link directly with switches or sensors (gateway not required)
- Install inside a junction box or through a knockout



Applications



Retrofitting



New Construction



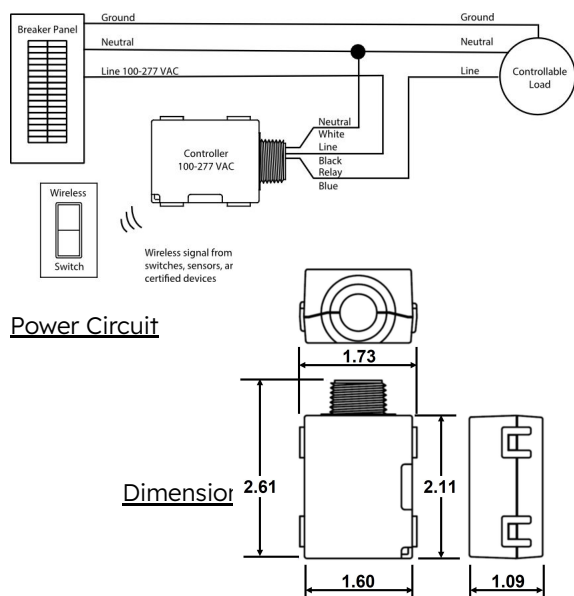
Classrooms



Offices



Warehousing



Specifications	E9X-RUV-3HOTP
Supply Voltage	100-277 VAC 50/60 Hz
Max Load	5A (All loads: LED, Fluorescent, 1/4 HP motor, etc) 70A Max Inrush Current
RF Communications	EnOcean Protocol 902 MHz
Transmission Range	50-150+ feet (16-50m) Typical
Dimensions	2.61" x 1.73" x 1.09" (66x44x28mm)
Operating Temp.	-4°F to +140°F (-20°C to +60°C)
Storage Temp.	-4°F to +176°F (-20°C to +80°C)
Compliance	UL 60730 (safety), UL 2043 (plenum) CSA c22.2#14-05 (safety) FCC ID: SZV-STM300U IC ID: 5713A-STM300U

Ordering (example: E9X-RUV-3HOTP)

E9X	-	R	UV	-	3HOTP
E9X=EnOcean 902MHz Controller		R=On/Off Relay*	UV=Universal Voltage		3HOTP= 3 wire. threaded mounting, Polymer enclosure

*Dimming styles available, Contact Illumra for info.

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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COMPATIBILITY		
Name	Model	Uses
Light Switches	E9T-SxAxx	Wireless control of luminaire via branch circuit
Key Card Switch	E9T-C2AWH	Wireless control of luminaire or A/C via branch circuit using guest key
Occupancy Sensor	E9T-OBP	Activation of luminaire or A/C upon occupancy status change
Door/ Window Sensor	E9T-MDCCP	Activation of luminaire or A/C upon a door / window opening or closing
Gateway	E9X-GWBN	Remote setting of luminaire operating parameters, connect as objects to BACnet



BID SPECIFICATION:

2.4 CONTROLLERS

A. Basis of Design: E9X-RUV-3HOTP LED Fixture Controller by ILLUMRA

1. Standards Compliance:
 - a. UL 60730 (safety), UL 2043 (plenum), Certified to CAN/CSA CSAc22.2#14-5 (safety)
 - b. FCC ID : SZV-STM300U; and IC: 5713A-300U
2. Model E9X-RUV-3HOTP:
 - a. Mounting: To 1/2 inch (13 mm) electrical junction box knockout using threaded nipple and retaining nut. Wires exit enclosure through threaded nipple.
3. Electrical:
 - a. Supply Voltage: 100-277 VAC, 50/60 Hz.
 - b. Relay Output: Single, non-isolated latching SPST relay.
 - 1) Electronic or LED Driver Loads: 5 Amps resistive at 100-277 VAC.
 - 2) Motor Loads: 1/4 HP
 - c. Inrush current of 70 A max.
 - d. Radio: 902 MHz EnOcean. Other frequency radios are not acceptable.
 - e. Radio Range: Commercial Office Space: 50 ft (16 m). Open Space: 150 ft (50 m).
4. Functional:
 - a. Switching on/off control for individual loads.
 - b. Wireless ILLUMRA switches and sensors for relay control.
 - 1) Link 25 wireless devices in any combination of ILLUMRA switches, sensors or gateways.
 - c. Single or dual-hop wireless signal repeating to other controllers.
 - d. Central Command functions for use with integrated control systems.
 - e. Commissioning and linking through software and/or mechanical means.
 - f. Configuration variables that allow customization of controller's operation with linked sensors, switches and gateways.
 - g. Reporting relay and low voltage channel status wirelessly.
 - h. Save configuration settings and linked device details in non-volatile memory.
 - i. Save user-defined configuration settings and linked devices as recoverable default settings.
 - j. Provide method of resetting to factory defaults.