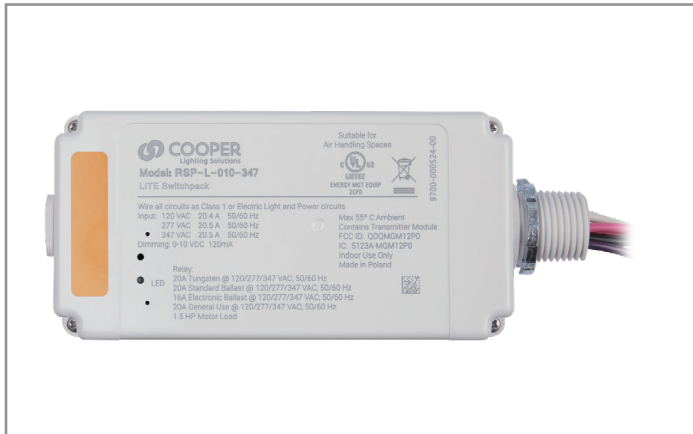


Project		Catalog #		Type	
Prepared by		Notes		Date	



WaveLinX

LITE Switchpack (RSP-L-010-347)

20A relay switchpack with 0-10V control

Typical Applications

Office • Education • Healthcare • Hospitality • Retail
Industrial • Manufacturing

Interactive Menu

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- Product Warranty

Product Certification



- Meets latest ASHRAE Standard 90.1 requirements
- Meets latest IECC requirements
- Meets latest CEC Title 24 requirements
- Manufactured in an ISO 9001 certified factory

Product Features



Compatibility



Overview

The WaveLinX LITE Universal Voltage Dimming Switchpack with 0-10V (RSP-L-010-347) control is an integral part of the WaveLinX LITE system and offers 120-347VAC (+/- 10% Single Phase) 20amp control and continuous 0-10V dimming control of LED and non LED loads. The relay switchpack with 0-10V control also supports 20amp plug load control. The RSP-L-010-347 is powered by the 120-347VAC (+/- 10% Single Phase) circuit it is controlling and provides simple 1/2" knockout mounting. The relay switchpack with 0-10V control operates on a wireless mesh network based on IEEE 802.15.1 (Bluetooth® 4.2 Low Energy)

Note: A 20A circuit breaker is required in the AC power source circuit where Wavelinx LITE (RSP) is connected to provide line protection.

Product Features & Benefits

- Output control loads up to 20 amps or 1.5 HP and 0-10V dimming control
- Plenum rated design with easy junction box mounting
- **120-347VAC** – Ability to support all commercial applications across North America (US, Canada and Mexico)
- **Device Identification** – provides additional detection information during provisioning process.

Order Information

The LITE switchpack is an integral part of the WaveLinx LITE system. The LITE Switchpack is used to control luminaires and plug loads.

Catalog Number

Catalog Number	Description
RSP-L-010-347	Wireless Universal Voltage Dimming Switchpack - 20 amp

Product Specifications

Mechanical

Size: 1.7"H x 2.6"W x 6.1"L (43mm x 66mm x 155mm)

Environment:

- **Operating temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage temperature:** 32°F to 158°F (0°C to 70°C)
- **Relative humidity operating:** 10% to 90% RH (non-condensing)
- For indoor use only

Mounting: Mounts to the side of a 4" (102mm) square box via ½" (13mm) knockout

Color: Matte White

Housing: Medium impact injection molded housing. ABS resin with 5VA flame rating. Plenum rated for external junction box mounting with Teflon coated leads.

Electrical

Power:

- 120-347VAC (+/- 10%) 50/60Hz (Single Phase)

Output Information:

- 20amp 120-347VAC General Purpose (Single Phase)
- 16amp 120-347VAC electronic ballast (LED load) (Single Phase)
- Single class 2 0-10V dimming output (IEC 60929 Annex E) sinks up to 120mA per (40 µA max per circuit leakage to line)
- 0-10V output supports up to 60 ballasts/drivers that source up to 2mA each

Wireless Specifications

Radio: 2.4GHz

Standard: IEEE 802.15.1

Transmitter Power: + 10dBm

Range: 150ft (46m) LOS typical

50ft (15m) through standard walls when mounted outside junction box

of Walls: 2 interior walls standard construction

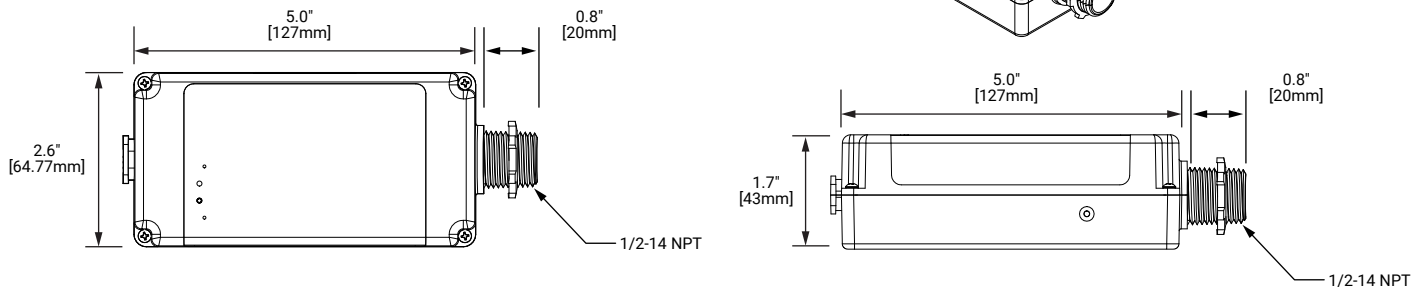
Standards/Ratings

- cULus Listed - Energy Management Equipment (UL916)
- FCC part 15 Sub Part B
- Manufactured in an ISO 9001 certified factory
- Meets latest ASHRAE Standard 90.1 requirements
- Meets latest IECC requirements
- Meets latest CEC Title 24 requirements
- WaveLinx LITE is DLC Listed for interior applications - meeting the NLC5 Technical Requirements

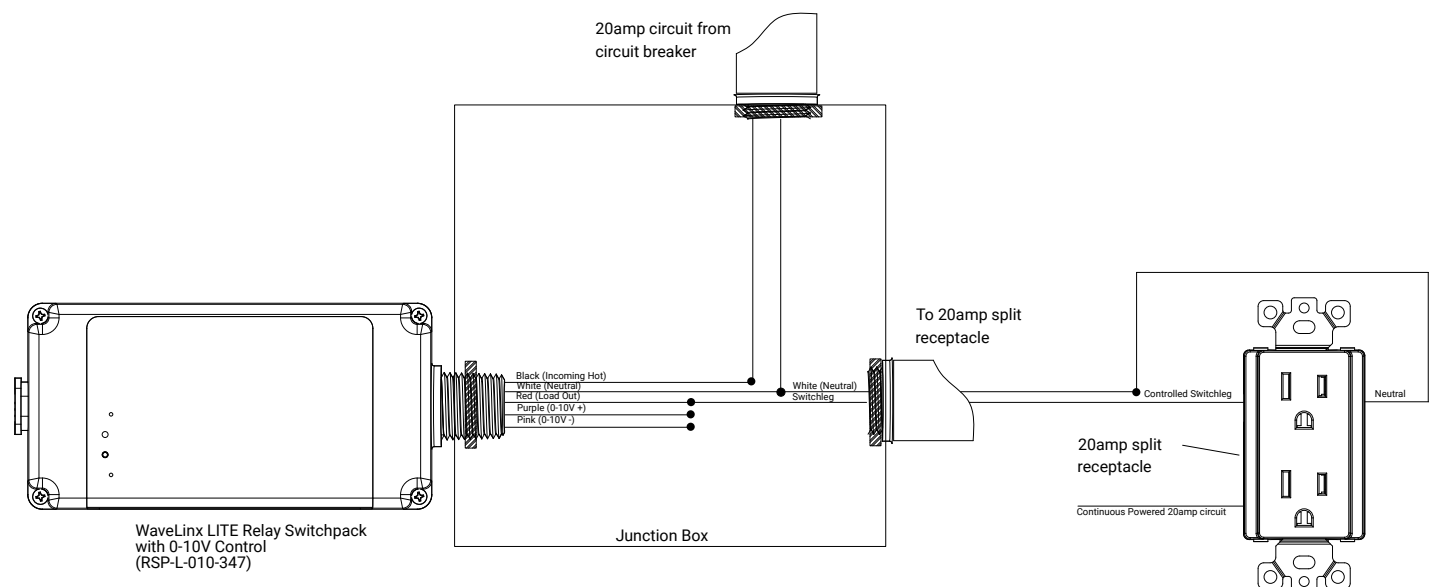
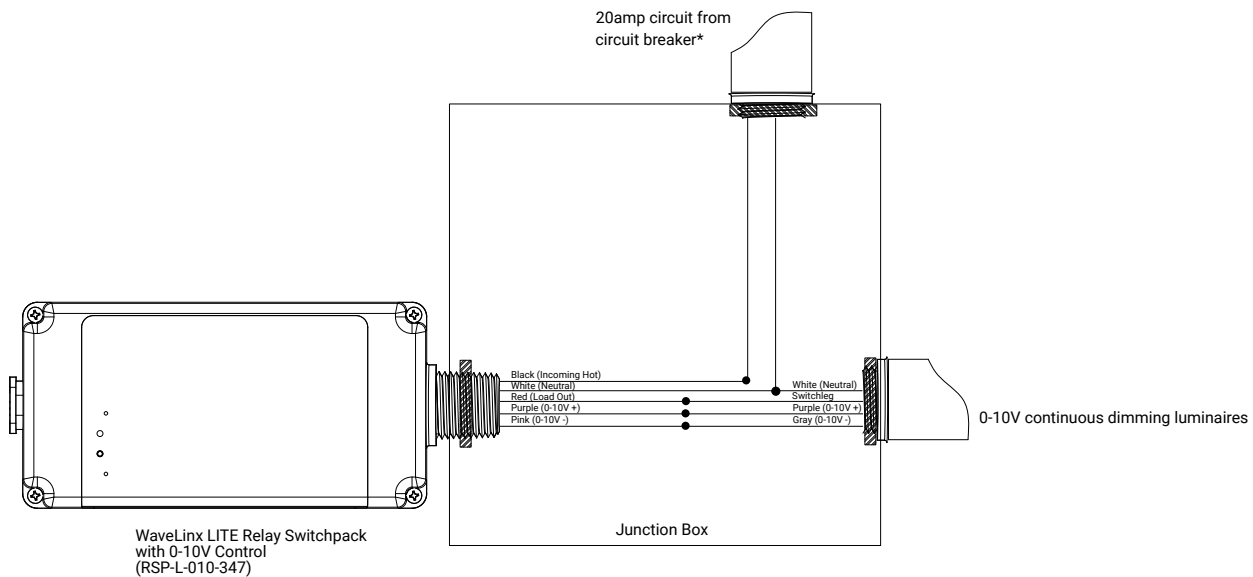
Warranty

Five year warranty standard

Dimensional Details

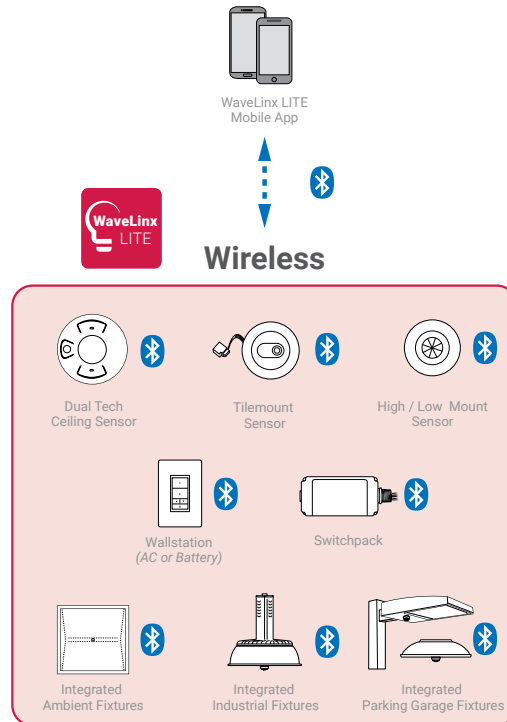



Mounting



System Diagram:

This diagram shows the the main components and topology of the WaveLinx system with LITE devices. The WaveLinx LITE devices use standardized IEEE 802.15.1 (Bluetooth® 4.2 Low Energy) mesh technology for device to device communications without the requirement of a gateway. The WaveLinx LITE enabled luminaires provide out-of-the-box functionality for independent operation when energized. With the use of the WaveLinx LITE mobile application with MyApps secure cloud portal access, groups of independent luminaires may be created and maintained with areas, control zones, and occupancy sets. WaveLinx LITE devices are not currently compatible with the WaveLinx Area Controller.



 **Control Systems**
• WaveLinx