

# NLCPS1

## 12V Power Supply

### Product Description

The NLCPS1 is an inline power pack designed to provide low-voltage (12V) supply and to receive dimming signal from NLC Wireless Bluetooth sensors. It operates at 3A (max) load at 120/277V and provides 0-10V dimming capability to luminaires. The NLCPS1 can be secured directly to any 1/2-inch knockout using the threaded nut included.

#### Construction

- Made of fire retardant plastic (UL 94-5VA)
- IP20

#### Electrical

- Input voltage: 120-277VAC, 50/60Hz
- Input current: 3.1A Max
- Output voltage: 120-277VAC
- Output current: 3A Max
- Output wattage: 360W Max
- Auxiliary voltage: 12V DC 100mA Max
- Dimming: Class 2 Rated, 0-10V DC 10mA Max
- Operating temperature rating: -22°F to 131°F (-30°C to 55°C)

#### Controls

- Consists of a high-efficiency switching power supply and a 3A relay
- Compatible with all NLC Product Series only
- Operates one wireless bluetooth sensor per power pack

#### Listings

- cULus Listed LED Controller
- UL8750
- RoHS

#### Warranty

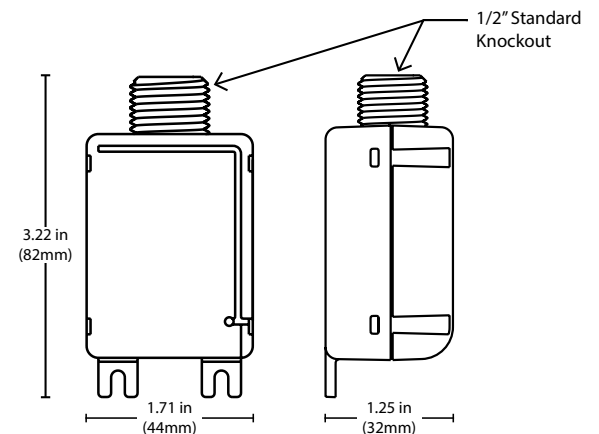
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

Project

Catalog

Type

Date



### Ordering Information

Example: NLCPS1

| Series | Product        | Type                | Version |
|--------|----------------|---------------------|---------|
| NLC    | P (Power Pack) | S (12 volts Supply) | 1       |

Specifications and dimensions subject to change without notice.

## Accessories\*

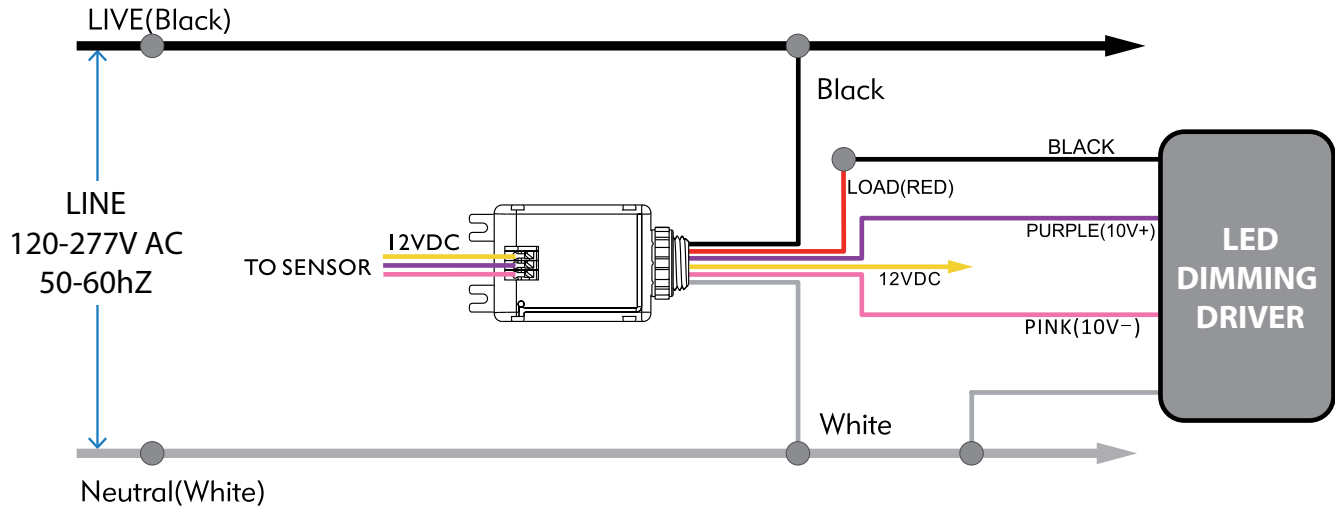
\*accessories sold separately

NLC Ceiling Mount Sensor  
 SPC Ceiling Mount  
 6.5ft Plenum rated Sensor Cable

NLCSPCW1WH  
 NLCSPCMOUNT1  
 NLCSC1WH



## Wiring Diagram



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.