

# 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

- IP20

#### Electrical

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

#### Controls

- Consists of a high-efficiency switching power supply and a 10A relay
- Compatible to all NLC Product Series only
- Operates one Wireless Bluetooth Sensor per Power Pack

#### Warranty

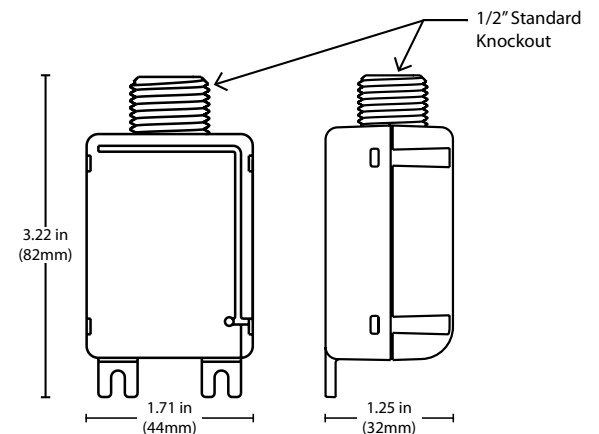
- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

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

<b>NLC Ceiling Mount Sensor</b>	<b>NLCSPCW1WH</b>
SPC Ceiling Mount	<b>NLCSPCMOUNT1</b>
6.5ft Plenum rated Sensor Cable	<b>NLCSC1WH</b>
<b>NLC 3.5mm Jack Sensor with 90° lens</b>	<b>NLCspej1WH-LHW</b>
Low Voltage 3.5mm Jack Socket	<b>H12VSOCKET</b>
3.5mm Jack Adaptor; 90°-180° Adjustable Arm	<b>H12VADJARM1WH</b>
77° High Mount, Narrow Lens	<b>NLCLHN1WH</b>
103° Medium Mount, Wide Lens	<b>NLCLMW1WH</b>
<b>3-Button Wireless Dimming Switch</b>	<b>NLCW31WH</b>
<b>5-Button Wireless with Scene Selection Switch</b>	<b>NLCW51WH</b>
NLC Switch Wall Plate	<b>NLCWP1WH</b>
<b>USB Gateway for Energy Monitoring</b>	<b>NLCE1</b>



NLCSPCW1WH



NLCSPCMOUNT1



NLCSC1WH



NLCspej1WH-LHW



NLCLHN1WH



NLCLMW1WH



H12VSOCKET



H12VADJARM1WH



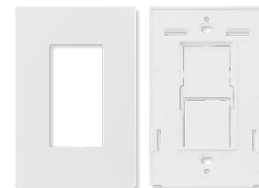
NLCE1



NLCW31WH

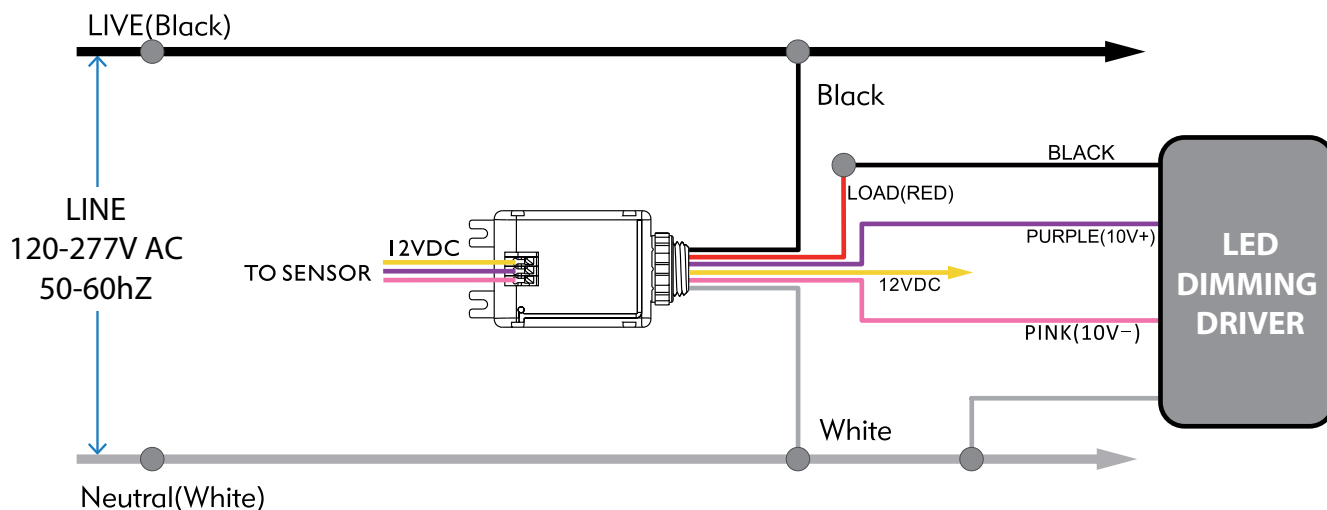


NLCW51WH



NLCWP1WH

## 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.