

**OVERVIEW**

As the name suggests, the PS 150 power supply contributes power to nLight devices such as the Gateway and Bridge. Wiring to terminal connections on those devices, the PS 150 generates up to 150mA of power at 15 VDC. For simplifying installation, the PS 150 has an elongated chase nipple. This feature allows it to be attached either directly through a 1/2" knockout into a junction box, or inside an adjacent box for meeting specific local code requirements in ceiling plenums. The PS 150 can also be used to power standard low voltage sensors such as the CM ADC.

**FEATURES**

- Provides bridge power via terminal connections
- Extended chase nipple
- Plenum rated

**Government Procurement**

BAA - Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA - Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**Warranty**

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice



*PS 150*  
*Standard Power Supply: 150mA*



ORDERING INFORMATION

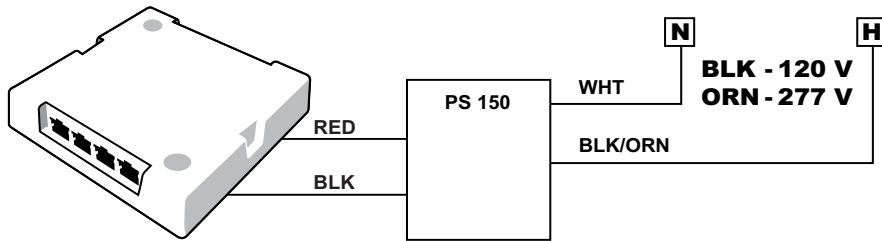
PS 150				Example: PS 150 LT			
Series		Voltage		Temp/Humidity		Buy America(n) <sup>1</sup>	
PS 150	Power supply	[blank]	120/277 VAC	[blank]	Standard	[blank]	Standard
		347	120/347 VAC	LT	Low temp	BAA	Buy America(n) Act Compliant

**Notes:**

1. Not available with 347 or LT

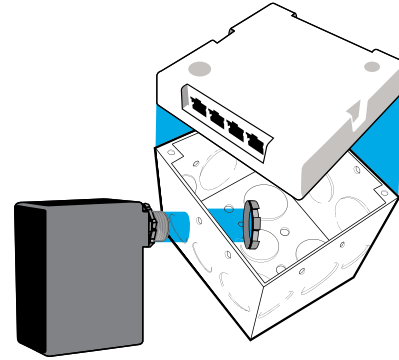
## WIRING (DO NOT WIRE HOT)

Use the 18 AWG black wire if connecting to 120 VAC. Use the 18 AWG orange wire if connecting to 277 VAC. 347 VAC units will have a red input wire instead of the orange wire.



## INSTALLATION

- Mount to any junction box through a 1/2" knockout (note: chase nipple is long enough to accommodate mounting inside an adjacent box if necessary)
- When used to power an nLight Bridge, mount both units to same 4" x 4" square box (see diagram on right)
- Connect Class 1 wires to line voltage feed
- Connect Class 2 low voltage wires to Bridge's terminal connectors



## SPECIFICATIONS

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### Electrical

**Input Ratings** 120/277VAC, 50/60 Hz  
120/347VAC, 50/60 Hz (with 347 option)

**Low Voltage Output Ratings** 15VDC, 150mA

**Standards/ Ratings** Energy Management Equipment, UL916 (E167435)

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### Mechanical

**Dimensions** 3.00"H x 2.25"W x 1.88"D (76mm x 57mm x 48mm) - does not include 1/2" chase nipple

**Mounting** 1/2" Knockout (7/8" hole)

**Color** Black

**Connection Type** Line and Low Voltage Leads

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### Environmental

**Warrantied Operating Temperature** 14°F to 122°F (-10°C to 50°C)

**Relative Humidity** Up to 90%, Non-Condensing

**Standards/ Ratings** RoHS, Plenum UL2043