

OVERVIEW

As the name suggests, the **nPS 80** power supply contributes power to the nLight system. By connecting directly to the nLight communication bus, the **nPS 80**'s generated power (up to 80mA at 15 VDC) is accessible to any system device. For simplifying installation, the **nPS 80** 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 **nPS 80** has two RJ-45 ports, each that is current limited to 40 mA, making wiring with standard CAT-5e cabling easy and clean.

nLight Operation

The **nPS 80** power supply contributes power over the nLight bus and communicates with other nLight devices or the SensorView software.

FEATURES

- Provides system power over CAT-5e
- Extended chase nipple
- Plenum rated
- Green LED Indicator

SPECIFICATIONS

Size: (not including 1/2" chase nipple)
 3.38" H x 2.53" W x 1.83" D
 Weight: 6 oz
 Mounting: 1/2" knockout
 Color: White
 Network connection: (2) RJ45 ports
 Operating Voltage: 120/277 or 347 VAC
 Output voltage current: 15 VDC, 80 mA (40 mA/port)
 Wires: 18 AWG (3)
 Temperature Rating: -10°C to 69°C

RoHS Compliant

Warranty

Five-year limited warranty. Complete warranty terms located at:

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.



nLight®

nPS 80
 nLight Power Supply



This item is an A+ capable component, which has been designed and tested to provide out-of-the-box luminaire compatibility with simple commissioning, when included as part of an A+ Certified™ Solution.

To learn more about A+, visit www.acuitybrands.com/aplus.

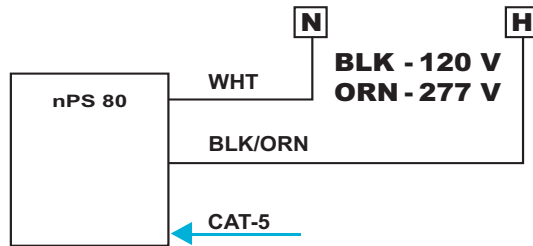


ORDERING INFORMATION

nPS 80		Example: nPS 80 LT	
Series	Voltage	Temp/Humidity	
nPS 80 nLight Power Supply	[blank] 120/277VAC 347 120/347VAC	[blank] Standard LT Low temp	

WIRING (DO NOT WIRE HOT)

Use the black wire if connecting to 120 VAC. Use the orange wire if connecting to 277 VAC. 347 VAC units will have a red input wire instead of the orange wire. T568B pin/pair assignment is recommended for all CAT-5e cables.



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)
- Connect unit's Class 1 wires to line voltage feed
- Interconnect unit (via RJ-45 ports) with other nLight devices in lighting zone using CAT-5e cables

