

PoE LIGHT NODE ASSEMBLY

specifications for 1, 2, and 4 channels

EASY INSTALLATION & INTEGRATION

Nodes offer installers a quick and seamless connection using a low-voltage pluggable connector/terminal block combination to attach nearly any LED troffer or downlight.

AUTO DISCOVERY

AUTONOMOUS CONTROL

RGB COLOR & TUNABLE WHITE LIGHT

90 WATT CAPACITY

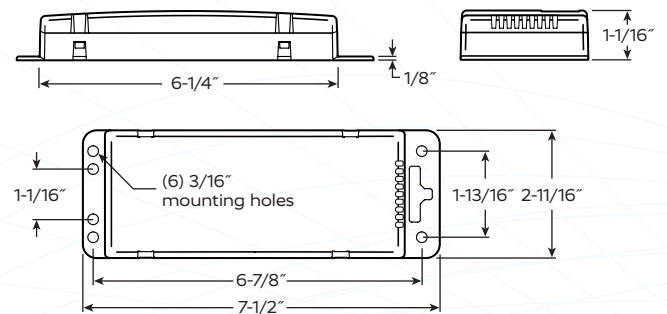
PROJECT INFORMATION

CATALOG #:

TYPE:

PROJECT:

SPECIFIER:



SPECIFICATIONS

Connect Software Requirement	Minimum V2.0
Ethernet Interface	10 BASE-T MDI RJ-45
Ethernet Interface Power Specification	Complies with power levels of IEEE 802.3af, 802.3at and 802.3bt, PoE, PoE+, UPoE or UPoE+ (Power over Ethernet)
Max Input/Output Voltage	60V DC/50V DC
Maximum Power Draw	Up to 90 Watts
Maximum Output Current	Channel and Model Dependent 100- 2000mA, DC 1 to 4 Channels Nominal Maximum Output Current as Supplied.
Peripheral Communication Bus	2-twisted pairs 18-24 AWG Stranded or Solid wire 1 Pair - 1 Mbps differential data pair - CAN 2.0 (ISO 11898-2) 1 Pair - +12 VDC @ 500mAmps Maximum
Maximum Aggregate Power Output	Up to 90 Watts (Including all 4 LED Channels and Peripheral Keypads & Sensors)

ENVIRONMENTAL SPECIFICATIONS

Safety Compliance	UL 916 & UL 2108 - E480040 UL 924 - E488449
ROHS	Compliant
Normal Operating Temperature and Altitude (Density Altitude)	-5°C to +45°C (+23°F to +113°F), up to 5000ft (1500m) -5°C to +40°C (+23°F to +104°F), up to 10,000ft (3000m) Min ambient temperature for cold start is 0°C (+32°F)
Relative Humidity	10% to 95%, noncondensing
Storage Environment	Temperature: -40°C to +70°C (+40°F to +158°F)
Location	For use in dry locations.

ordering information

PRODUCT	APPLICATION	CONNECTOR
POE-LN2- PoE Light Node Assembly (Gen 2)	1U- 1 Channel 2U- 2 Channel 4U- 4 Channel	ST Screw Terminal

Sample: POE-LN2-2U-ST

CABLING AND CONNECTOR CONSIDERATIONS
available at [PLATFORMATICS.com](https://platformatics.com)

