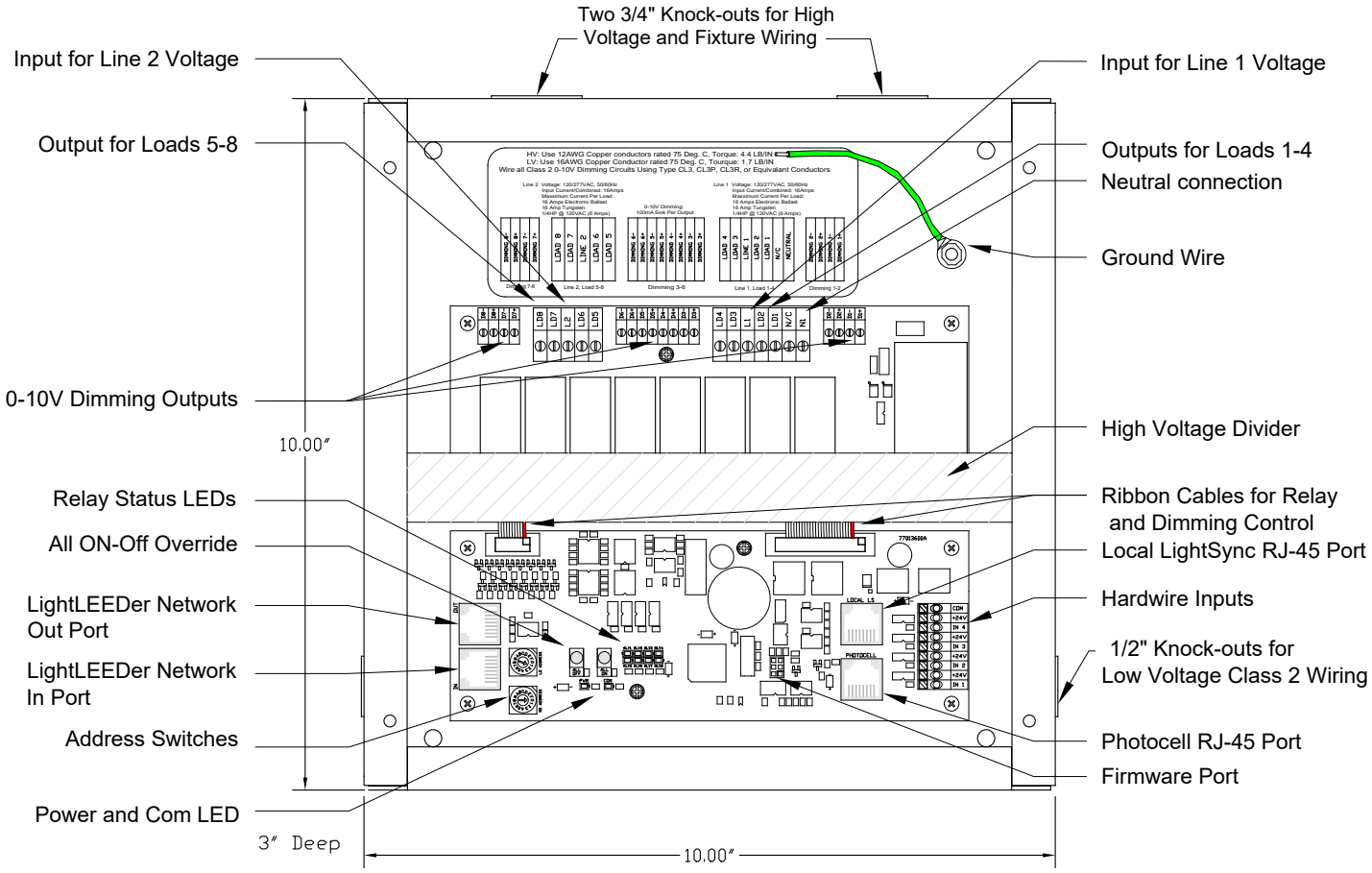
LightLEEDer EVO Integrated Relay Panel Product Details



Network In-Out Ports: Provides LightLEEder panel communication to and from other LLEVO-INT, LLEVO, LL panels, and LLNC to creating a network system.
Address Switches: Used to set a unique node address for the panel.
Power and COM LED: Provides status of power to controller, and network communications.
Relay Override Buttons: For controlling all relays On or Off.
Output Status: LED indicators for relays 1- 8.
Local LightSync: Provides data and power connection for LightSync switches and devices. Supports up to 14 external switches and provides power for up to 4 devices.
Hardwire Inputs: Provides connection and power for hardwire switches and occupancy sensors. Accepts momentary, maintained 2-wire dry contact closure, and a 3-wire sensors.
Photocell RJ-45 Port: For Cat-5 cable connection to LightSync digital 3-wire ILC photocell head.
Firmware Port: Used by technician to change firmware.
Voltage Divider: Separates the Line voltage section from the Class 2 low voltage section.
Neutral Connection: For terminating Line 1 Neutral to power the controller.
Line 1 & 2 Input Connections: For terminating 120/277VAC to each set of 4 relays; line inputs 1 and 2 are isolated allowing 2 circuits or voltages to be used.
Load Connectors: For terminating each relay output load wires.
0-10VDC Connectors: For terminating 0-10V dimming control to lighting loads.

Electrical:
120/277VAC @.6 amps
Dimming: 100mA sink per isolated output
Photocell: 5VDC, digital return
Input: 24VDC

Operating Environment:
Location: Interior space
Operating Temperature: 0° to 50° C
Humidity: 10% - 90% Non-condensing
Atmosphere: Non-explosive/corrosive
Vibration: Stationary

Relays:
- 16A Electronic Ballast (LED)
- 16A Tungsten
- 1/4 HP @ 120 VAC Motor Loads

Each set of 4 relay outputs has a maximum load rating of 16Amps combined

Local LS port supports up to 5 ILC G3 switches at up to 500' accumulative feet
40mA for ILC-SWX Occupancy sensors. Additional CAT-5 devices can be supported by adding a PSR.