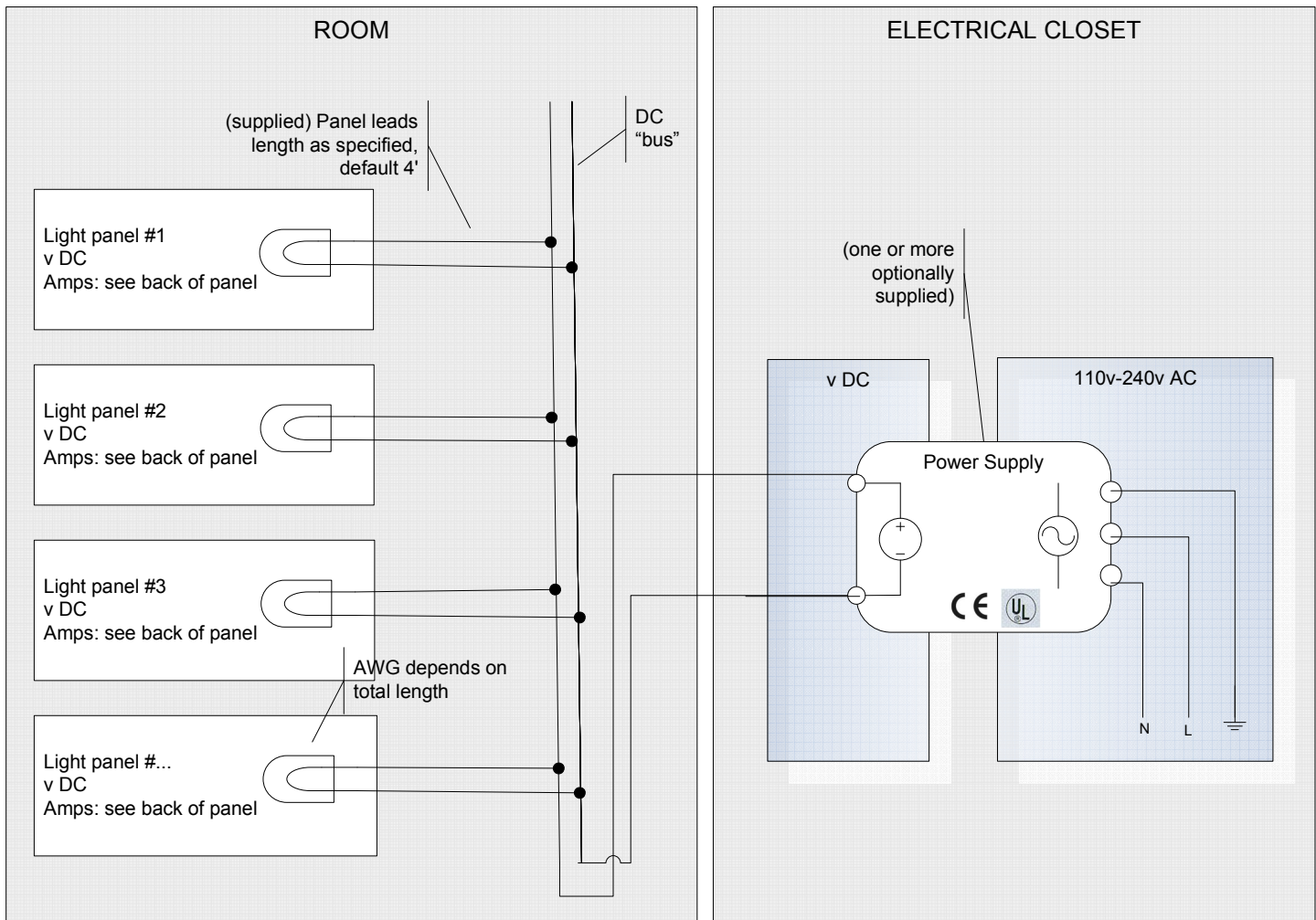




WIRING DIAGRAM FOR LED LIGHT BOXES

NON MRI, ADJUSTED DC VOLTAGE



Minimum Requirements STOP IF YOU DO NOT MEET THE FOLLOWING REQUIREMENTS

- Specified DC voltage and total current for your installation from the manufacturer
- Location to mount power supply (optionally supplied) in electrical closet
- Available standard 110v or 220 AC in electrical closet
- 2-strand DC wires with gauge sufficient for number of panels installed. Twisted wires recommended.

Installation (est. 1 hour)

- Place/mount power inverter(s) in closet – make sure there is sufficient airflow around inverter(s)
- Connect Line, Neutral, Ground from inverter(s) to standard 110v-220V outlets or sources
- Verify inverter(s) switch are properly set at either 110v (factory default) or 220v
- Connect long 2 strand wire from inverters to desired overhead location for panels
- Connect all panels as shown, forming a “bus”

Testing

- Energize and verify that manufacturer’s specified DC voltage is present **at the end** of the bus

IMPORTANT

- Make sure AWG of DC bus is sufficient for total rated amps of panels.
- Make sure AWG of DC bus is sufficient to avoid a excessive drop of voltage based on total length of wiring from power supply to panels.

IF YOU HAVE ANY DOUBT, consult your electrician, your vendor or TESS