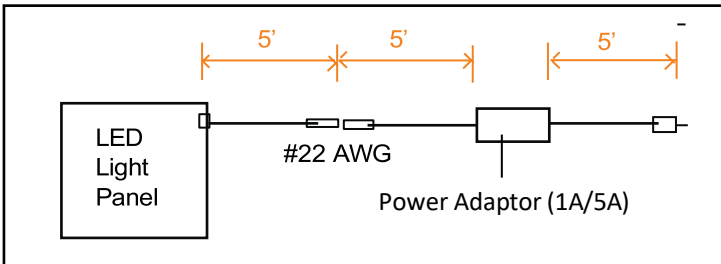




AMP	1AMP
DVE	DVE Power Adaptor
Input	100-240VAC 50/60Hz, 0.3A
Output	24VDC, 1.0A, 12W
Approval	UL, cUL
Dimensions	1 3/4" x 2 3/4" x 1 1/8"



AMP	5AMP
i5	MCW 4803 Power Adaptor
Input	100-240VAC 50/60Hz, 1.5A
Output	24VDC, 5.0A, 60W
Approval	UL, cUL, CE, FCC, CCC approved. Class2
Dimensions	1 1/2" x 9 1/8" x 1 1/4"



LED Light Panel Installation Guide

Panel Wiring

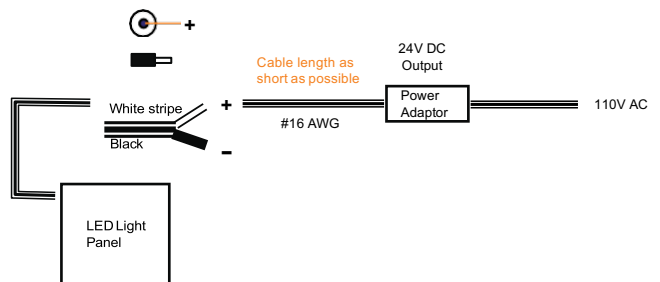
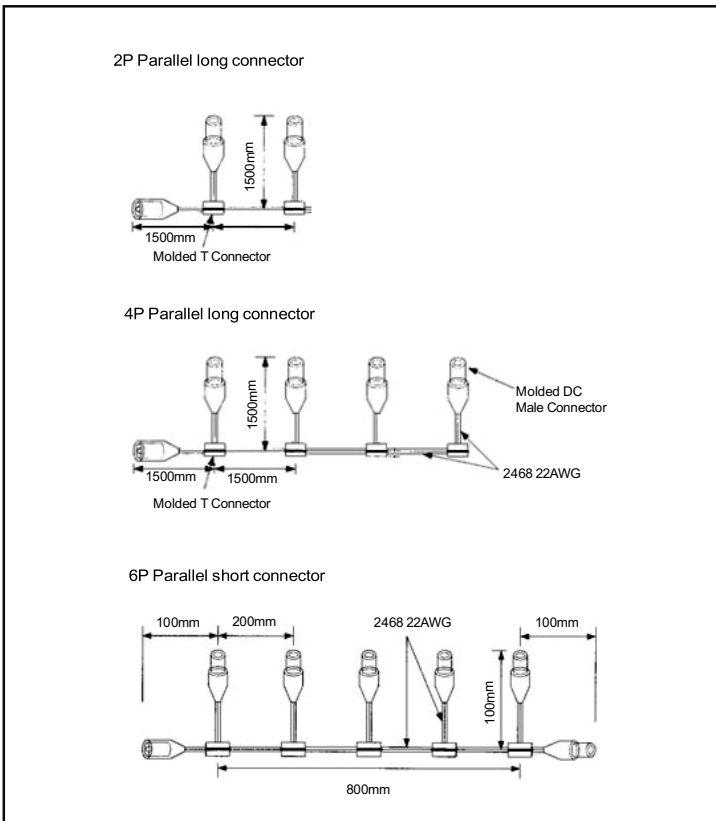
1. XLP LED light panels are powered by DC24V (constant voltage) power adaptors. Do not apply any other voltages, as it may damage the panels. Warranty is void if using any other power adaptors that are not approved by Xicato

2. Any adjusted cords from the power adaptor to LED light panel should be kept as short as possible to avoid any voltage drop to the LED light (by default it is about 10' at #20AWG).

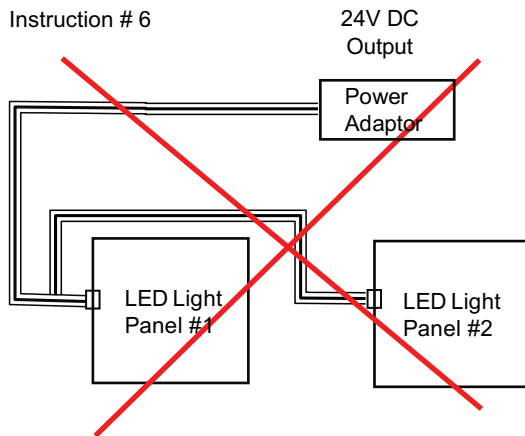
3. One power adaptor can supply power to multiple LED light panels as long as the total wattage of the LED light panels are less than the total wattage of the power adaptor, less about 20%. As example a 60w power adaptor should have no more than 50w load. A convenient way of connecting multiple panels is to use a Xicato spider connector (split connector). There are 4 kinds of spider connectors available: 2-way, 3-way, 4-way, and 6-way.

4. In case it is required to install the power adaptor in a remote location far from the LED light panels, you can cut off the DC plug and extend the cable using a larger gauge (> #16 AWG) cable to avoid any voltage drop. The wire with a solid stripe is "+" and the other wire is "-". Reversing the polarity does not damage the LED lights.

XLP Spider Connector



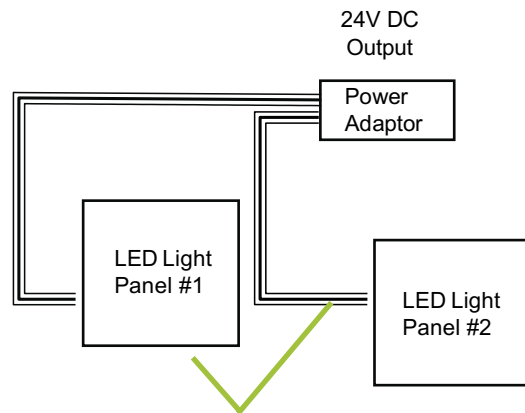
Instruction # 6



5. If multiple panels are wired to a single power adaptor, connect them in “parallel” instead of “series” to avoid voltage drop in order to maximize the light output.

6. Never apply AC power directly to the LED light panels as this will instantly damage the LEDs.

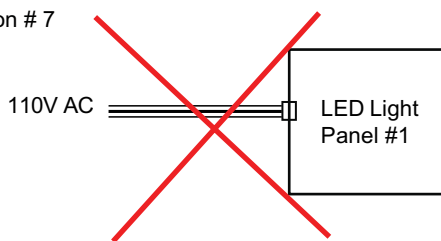
7. The brightness of different size panels are usually different. Special care must be taken to match the brightness when they are installed together. Consult our technical support person for details.



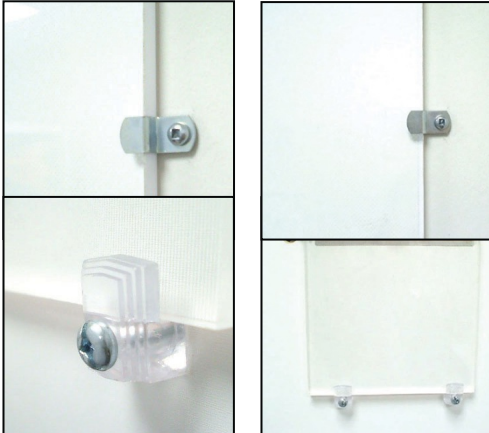
Dimming Device

Xicato has various dimming devices for use with XLP LED products. Please contact our sales and service team to help decide the best option for your application.

Instruction # 7



Mounting LED Light Panels



1. Xicato XLP LED light panels can be mounted to any wall by using “Mirror Clip”, “U-Channel”, or simply screw mounting with pre-drilled holes in the panel. Care should be taken with large panels as they could be heavy. Make sure the panels are secured to prevent damages.

2. It is recommended, but not required, to leave a little bit of space between the panels and mounting surface (about 1/2”) for heat dissipation. The best way for heat dissipation would be to keep the back of the panels in contact with a metal sheet which is mounted to a wall.

3. LED panels can be directly mounted to walls by drilling holes (at your own responsibility) at locations on the panel that are away from the edges where the LED lights and heat sinks are located. **Xicato recommends that any modification is performed at our facility.**

4. Larger size LED light panels may deform (distort) due to gravity and high ambient heat if not correctly supported with mounting products.

Additional mounting options are available including stand-offs and airplane cable suspension options. Please contact your sales rep for additional information.