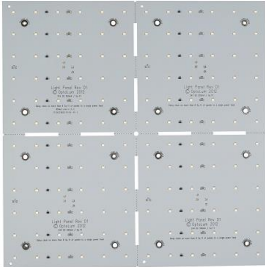


LIGHTLAM INSTALLATION INSTRUCTIONS



ADDITIONAL ITEMS NEEDED FOR INSTALLATION

- Proper mounting screws depending on mounting surface.
- Screwdriver
- Drill



IMPORTANT SAFETY INSTRUCTIONS

- A) READ ALL INSTRUCTIONS
- B) DO NOT CONCEAL OR EXTEND EXPOSED CONDUCTORS THROUGH A BUILDING WALL.
- C) DO NOT INSTALL THIS SYSTEM IN WET LOCATIONS.
- D) TO REDUCE THE RISK OF FIRE AND BURNS, DO NOT INSTALL THIS LIGHTING SYSTEM WHERE THE EXPOSED BARE CONDUCTORS CAN BE SHORTED TO ANY CONDUCTIVE MATERIAL.
- E) TO REDUCE THE RISK OF FIRE AND OVERHEATING, MAKE SURE ALL CONNECTIONS ARE TIGHT.
- F) DO NOT INSTALL ANY LUMINAIRE CLOSER THAN 6 INCHES (15.25cm) FROM ANY CURTAIN, OR SIMILAR COMBUSTIBLE MATERIALS.
- G) TURN OFF ELECTRICAL POWER BEFORE MODIFYING THE LIGHTING SYSTEM IN ANY WAY.

SCOPE OF THIS USER GUIDE

THE GOAL OF THIS USER GUIDE IS TO EXPLAIN IN AN EASILY UNDERSTANDABLE LANGUAGE THE NECESSARY STEPS TO INSTALL OPTOLUM LIGHTLAM PANELS AND ASSURE PEAK PERFORMANCE. THE INTENDED USE IS FOR REFERENCE ONLY, BY PERSONS WHO ARE FULLY QUALIFIED. THIS DOCUMENT SHOULD NEVER BE CONSIDERED A SUBSTITUTE FOR ANY PROVISION OF REGULATIONS, OR STATE AND/ OR LOCAL CODE.

PRE-INSTALLATION INSTRUCTIONS

- 1. READ ALL OF THESE INSTALLATION INSTRUCTIONS BEFORE PROCEEDING.**
2. PLAN PANEL LAYOUT.
3. DO NOT USE SHARP OBJECTS WHILE UNWRAPPING LIGHTLAM PANELS.
4. USE EXTREME CAUTION WHEN HANDLING LED PANELS.
5. DO NOT TOUCH EXPOSED LEDS.
6. ONCE UNWRAPPED, PLACE LED SIDE UP ON ESD MATERIAL, SUCH AS THE ORIGINAL PACKAGING.
7. MAKE SURE POWER IS DISCONNECTED FROM LINE VOLTAGE SOURCE.



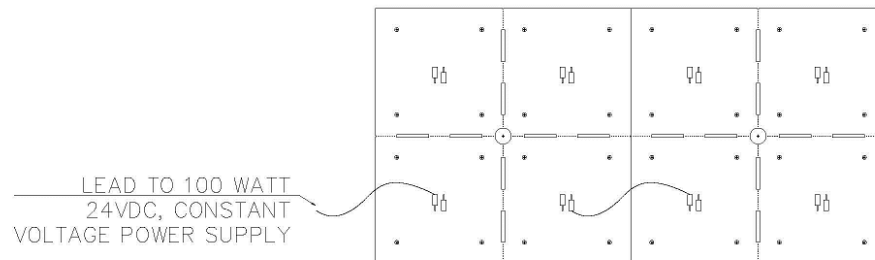
INSTALLATION INSTRUCTIONS

1. DIMMING

- a. PLEASE SEE 0-10V INTERFACE INSTALLATION INSTRUCTIONS
 - i. REFER TO DIMMER OPERATION, CONNECTIVITY AND CONTROLS, THEN PROCEED TO NON-DIMMING INSTALLATION INSTRUCTIONS.

2. NO-DIMMING

- a. CONNECT CLASS 2 (100W OR LESS) 24VDC CONSTANT VOLTAGE (CV) POWER SUPPLY TO THE LIGHTLAM PANEL NEAREST TO THE POWER SUPPLY.
- b. IF YOU WILL BE INSTALLING MORE THAN ONE LIGHTLAM PANEL AT YOUR LOCATION, PLUG ONE END OF A LIGHTLAM INTERCONNECT CABLE INTO ANY OTHER CONNECTOR ON THE SAME 12"x12" LIGHTLAM PANEL.
- c. INSURING PROPER CABLE ROUTING (NO PINCHING, BENDING OR CUTTING), PLACE LIGHTLAM PANEL SO THAT RAISED SCREW SLEEVES LINE UP WITH MOUNTING HOLES.
- d. INSERT SCREWS THROUGH SLEEVES AND FASTEN TO THE MOUNTING SURFACE USING THE APPROPRIATE SCREWDRIVER (BE SURE NOT TO OVER-TIGHTEN OR YOU MAY DAMAGE YOUR LIGHTLAM PANEL).
- e. IF THERE IS MORE THAN ONE LIGHTLAM PANEL BEING POWERED BY THE SAME POWER SUPPLY, PLUG OTHER END OF THE LIGHTLAM INTERCONNECT CABLE INTO THE NEXT LIGHTLAM PANEL.
- f. REPEAT STEPS 2b-f UNTIL MAXIMUM PANEL COUNT IS REACHED PER POWER SUPPLY. (SEE PANEL FOR MAX. LOAD)



EACH 12"x12" PANEL IS MADE UP OF (4) 6"x6" MODULES. THESE PANELS ARE ELECTRICALLY CONNECTED, AND WILL ONLY NEED TO BE CONNECTED BETWEEN EACH 12" x 12" PANEL.