MAXIM® MX-L120-SL Slim Under Cabinet

LIGHTING

PRODUCT NAME:MX-L120-SL Under Cabinet light

ITEM NUMBER: 88900   88903
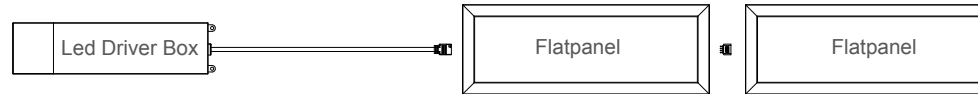   88901   88904
              88902

INSTALLATION OVERVIEW

| Led Driver Box | Input | Flatpanel | Output | Input | Flatpanel |

CONTROL

Each Control can support up to 96W per port.

Control has two input ports and two output ports that are controlled simultaneously.

| Led Driver Box | Flatpanel | Flatpanel |

FOLLOW LOCAL ELECTRICAL CODES:

Wires may be cut and spliced with appropriate gauge wire for extended runs. 14 gau. wire is recommended on runs longer than 3 feet. Keep wire runs as short as possible to maintain uniform and even light distribution across all panels. For a fully loaded system, the voltage drop for 14 gau. wire is 0.1 V/ft.

If the cable is not long enough

| Led Driver Box | Input | |
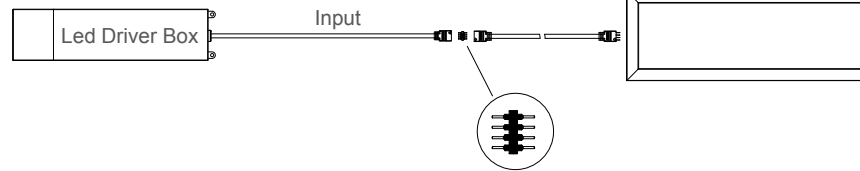
TOTAL PANELS NOT TO EXCEED MAXIMUM SUPPLY WATTAGE

Each 60 W power supply can support up to 60W of LED panels.

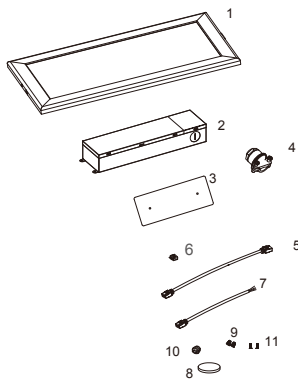Each 96W power supply can support up to 100 W of LED Panels.

Mount power supply near 120V-277V household power supply.

WATTAGE PER PANEL SIZE:

6"-3W
12"-6W
24"-12W
36"-18W
48"-24W

Identify components

1. LED panel
2. Power supply
3. Mounting plate
4. Junction controller
5. Extension cable
6. Butt connector
7. Pre-stripped cable
8. Magnet Clips
9. Wire caps
10. Strain Relief.
11. Screws

Install Power Supply

Power Cord Installation:

1 – Identify location to mount power supply.

2 – Remove 2 screws and cover from top of unit.

3 – Mount power supply to wall or cabinet using captivated screws. For installation into drywall, use hollow wall anchors (not provided).

4 – Install power cable to the power supply by pushing the connector into the receptacle on the power supply until you hear a click. Do not plug cable into power outlet until installation is complete.

5 – Insert provided red/black DC power cable into power supply by depressing tab and inserting cables firmly. Using wire connectors (provided), connect balck & red supply wire to red cable and white&yellow supply wire to white cable.

6 – Reinstall cover.

DC power cable

3-prong power cable
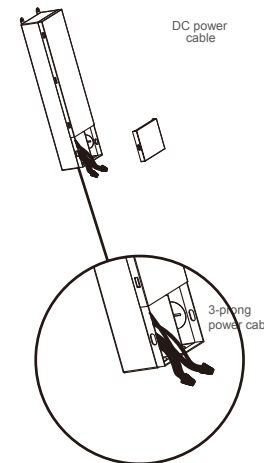
Hardwire Installation:

FOLLOW STEPS 4A-4C for Hardwire Installation

4A - Determine appropriate wire and connectors to use based on local codes. Power supply knockouts are sized for 1/2" conduit.

4B - Remove appropriate knockout for power supply entry with a flathead screwdriver.

4C - Power supply is equipped with three orange quick connectors for 14-18 AWG solid wire only.

Connect ground supply line to the yellow wi re. Connect white (common) supply to white power supply wire. Connect black (hot) supply to black power supply wire. Do not mix wire gauges. Pull gently on each wire lead to make sure connections are secured.
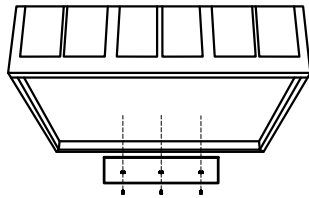
Continue with step 5 at left.
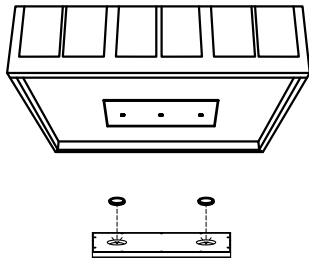
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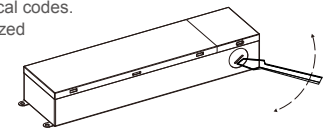
LED Panel Installation:

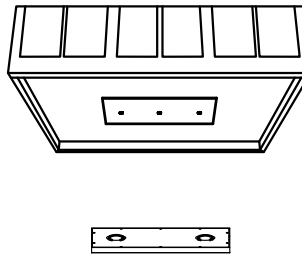1 – Locate LED panels fitting plate in desired location and fasten to fitting plate using provided screws.
Note: Orient panel fitting plate so that the panel input socket is in the proper direction to mate with control cable.
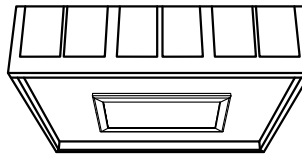
2 - Fasten to fitting plate using provided screws.

3– Using the magnet clips to fix in the hole of panel .

4 – Putting the flatpanel into the fitting plate directly and change the postion to be the proper location to make sure the led flatpanel can be fasten enough.

Linkable using :
Add additional LED panels as necessary, connecting output of one panel to the input of the adjacent panel using either a 12"link cable or a direct connector. (NOTE: TOTAL PANELS NOT TO EXCEED POWER SUPPLY WATTAGE)

CAUTION:

• **Read all instructions before installing.**

• **Turn off power at main switch power supply prior to**

   installation to prevent electrical shock.

• **For display or under cabinet only. Not intended for ceiling use.**

• **System is intended for installation in accordance with National**

   Electric Code, and local regulations. Consult

   with local inspector to assure compliance.

• **Keep away from combustible materials such as**

   plastic or paper products.

• **Do not touch cover when light is on.**

   Do not operate with missing or damaged wires.

• **Retain instructions for future reference.**