



GLASS SIDED DISPLAY CASE SLA LINEAR LED LIGHT WITH SHIELD INSTALLATION INSTRUCTIONS



SAFETY INFORMATION

IMPORTANT SAFETY INSTRUCTIONS. READ CAREFULLY FOR YOUR PROTECTION AND SAVE ALL INSTRUCTIONS.

- Disconnect power before installing light(s).
- Wear rubber-soled shoes
- This power supply must be installed according to the National Electrical Code and local building codes.
- To avoid a hazard to children, account for all parts and destroy all packing materials.
- If you are unsure about the installation or use of this power supply, consult a qualified electrician.

LOW VOLTAGE CAUTIONS

Applications

Low voltage electronic power supplies should not be installed in areas of excessive heat around the power supply. Consult a qualified lighting designer if uncertain of the suitability for a given application.

OPERATION

The Elio™ power supply converts the 120v 60Hz input to 12v, 5w maximum. This device is overload and circuit protected. In the event of an overload or short circuit, the power supply will shut down and periodically attempt to restart. In the event of a shut down, clear the overload or short circuit and restart the power supply.

NOTICE: THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A RADIO FREQUENCY LIGHTING DEVICE PURSUANT TO PART 18 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WITH ELECTRONIC DEVICES SUCH AS: RADIOS, TELEVISIONS, WIRELESS TELEPHONES OR REMOTE CONTROLS. IF INTERFERENCE OCCURS, IT MAY BE POSSIBLE TO CORRECT THE INTERFERENCE BY ONE OR MORE OF THE FOLLOWING MEASURES:

- REORIENT OR RELOCATE ANTENNA OF THE RECEIVING DEVICE.
- INCREASE THE SEPARATION BETWEEN THIS EQUIPMENT AND THE DEVICE.
- CONNECT THIS EQUIPMENT OR THE DEVICE INTO A DIFFERENT OUTLET OR CIRCUIT.

THIS EQUIPMENT SHOULD NOT BE USED:

- CLOSER THAN THREE (3) FEET FROM ANY SENSITIVE ELECTRONIC EQUIPMENT, NEAR MARITIME SAFETY, NAVIGATION, OR COMMUNICATION EQUIPMENT OPERATING BETWEEN 0.45MHz AND 30MHz

SERVICE

There are no user-serviceable parts inside. Opening unit will void warranty. Contact Elio™ for service parts.

GLASS SIDED DISPLAY CASE

WORK AREA: Remove all the merchandise inside the display case and all of the glass shelving. It is best to create a 3-4' clearance space behind the display case for ease of installation. NOTE: screws to mount the light shield to the aluminum trim in the glass case are not provided. We suggest you use the screws from the current for installation of the light shield.

DISPLAY CASES WITH EXISTING FLUORESCENT LIGHTING

- 1) If the display case has existing lighting inside the case, make sure the case is disconnected from the power source and make sure the lights in the case are turned off.
- 2) Remove the existing fluorescent bulbs from their fixture in the top of the display. Discard the fluorescent bulbs.
- 3) The fluorescent bulb fixture is directly wired to an electrical cord. Open the area of the fixture where the electrical cord goes in to the fluorescent light ballast and disconnect the wires from the fixture. Determine how the fixture attaches to the current light shroud and remove the fixture from the shroud. Remove the shroud from the display case which is probably screwed in to the aluminum trim inside of the glass case). Save the shroud to use as a aid in locating the screws holes for the new shield. Discard the fixture, but retain the screws that held the fixture to the side walls. We suggest you use these screws for installation of the new light shroud.
- 4) The electrical wires go thru the hollow post in your display. Pull the wires that were connected to the fluorescent fixtures from the underside of the display case. The wire may be loose or may be tied down to the underside of the display case. The entire wire can be removed and discarded. We suggest removing the post that was in the display case
- 5) Push the barrel connector end of the power cord from the new power supply through the hole in the bottom of the display case
- 6) SHIELD MOUNTING: 2 OPTIONS
 - OPTION A – SCREW MOUNT:** Measure the case width between the glass sides. Cut the aluminum shield to 1/8" less than this width (for example, if your case measures 48" wide, cut the shield to 47 7/8"). This 1/8" will allow the end caps to be installed before you install the shield. Remove any burrs left on the shield from cutting. If the end cap has a knockout hole in the bottom, cut the knockout out of each end cap. Insert the end caps into the shield. Place the old shroud next to the new shield and locate the holes needed for screwing the new shield into the Aluminum trim inside the display case. Drill a small hole in the new shroud where the screw location should be. This hole may need to be 2 small holes next to each other in order to locate the previous screw hole. Locate the new shield in the case against the front of the glass case. It is helpful to have someone hold the shield in place while someone else fastens the shield to the aluminum trim. Another option is to use a piece of cardboard cut to the approximate height to help hold the shield in place.
 - OPTION B – DOUBLE SIDED TAPE MOUNT:** Measure the case width between the glass sides. Cut the aluminum shield to 1/8" less than this width (for example, if your case measures 48" wide, cut the shield to 47 7/8"). This 1/8" will allow the end caps to be installed. Remove any burrs left on the shield from cutting. If the end cap has a knockout hole in the bottom, cut the knockout out of each end cap. Insert the end caps into the shield. Cut the double sided tape to 1" x 0.25" rectangles. Clean the shield top surface to remove any dust, debris or oil. Attach double sided tape on the top edge of the shield that will go against the top of the glass display. Place the tape at intervals of approximately 12". Place the shield in the case near the front of the case. Starting at one end, push up to fully engage the double stick tape.
- 7) Bring the jumper cord that you fed through the bottom of the case in step # 5 up through the knockout hole in the end of the shield. Plug the jumper cord barrel connector into the mounting end cap of the LED light display.
- 8) Install the LED light in the center of the shield so that there is approximately 3" or more from each end of the shield. The adjustable mounting caps of the LED light will snap in to the channel of the shield and lock it them in place. Insert the jumper cord wire through the knock out hole and put the barrel connector into the end of the light. Adjust the light to be approximately 3" from each end of the shield. Once the light is in place, use the small screws provided with the light to fasten each mounting end cap into the shroud using the holes in the mounting end caps.

9) For proper jumper cord management, we suggest using the wire mold clips that have a tape back to control the cords. For the inside of the glass case, an alternative that we suggest is to purchase a Wiremold series 300 Duct in white at any local hardware store or stores like Loews and Home Depot. It comes in 5' sections and can be cut to length. The jumper cord goes inside of the white duct and the duct is taped to the inside front corner of the glass display case.

9) Plug the power supply in to a grounded, 120v outlet. The LED light display is adjustable and can be rotated up to 90° to provide the best lighting for your product. If the product does not light up when power is on, turn the power off, and check that the jumper cord is fully plugged into the linear display light and that the electrical socket has power to it. After you plug the new power supply in to the socket again, if you still do not get light, consult a licensed electrician.



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100809REV1



WOOD SIDED DISPLAY CASE SLA LINEAR LED LIGHT WITH SHROUD INSTALLATION INSTRUCTIONS



SAFETY INFORMATION

IMPORTANT SAFETY INSTRUCTIONS. READ CAREFULLY FOR YOUR PROTECTION AND SAVE ALL INSTRUCTIONS.

- Disconnect power before installing light(s).
- Wear rubber-soled shoes
- This power supply must be installed according to the National Electrical Code and local building codes.
- To avoid a hazard to children, account for all parts and destroy all packing materials.
- If you are unsure about the installation or use of this power supply, consult a qualified electrician.

LOW VOLTAGE CAUTIONS

Applications

Low voltage electronic power supplies should not be installed in areas of excessive heat around the power supply. Consult a qualified lighting designer if uncertain of the suitability for a given application.

OPERATION

The Elio™ power supply converts the 120v 60Hz input to 12v, 5w maximum. This device is overload and circuit protected. In the event of an overload or short circuit, the power supply will shut down and periodically attempt to restart. In the event of a shut down, clear the overload or short circuit and restart the power supply.

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- REORIENT OR RELOCATE ANTENNA OF THE RECEIVING DEVICE.
- INCREASE THE SEPARATION BETWEEN THIS EQUIPMENT AND THE DEVICE.
- CONNECT THIS EQUIPMENT OR THE DEVICE INTO A DIFFERENT OUTLET OR CIRCUIT.

THIS EQUIPMENT SHOULD NOT BE USED:

- CLOSER THAN THREE (3) FEET FROM ANY SENSITIVE ELECTRONIC EQUIPMENT, NEAR MARITIME SAFETY, NAVIGATION, OR COMMUNICATION EQUIPMENT OPERATING BETWEEN 0.45MHz AND 30MHz

SERVICE

There are no user-serviceable parts inside. Opening unit will void warranty. Contact Elio™ for service parts.

WOOD SIDED DISPLAY CASE

WORK AREA: Remove all the merchandise inside the display case and all of the glass shelving. It is best to create a 3-4' clearance space behind the display case for ease of installation. NOTE: screws to mount the light shroud to the side wall are not provided. We suggest you use a #XX wood screw for installation of the light shroud.

DISPLAY CASES WITH EXISTING FLUORESCENT LIGHTING

- 1) If the display case has existing lighting inside the case, make sure the case is disconnected from the power source and make sure the lights in the case are turned off.
- 2) Remove the existing fluorescent bulbs from their fixture in the top of the display. Discard the fluorescent bulbs.
- 3) The fluorescent bulb fixture is directly wired to an electrical cord. Open the area of the fixture where the electrical cord goes in to the fluorescent light ballast and disconnect the wires from the fixture. Determine how the fixture attaches to the light shroud and remove the fixture from the shroud. Remove the shroud from the display case (probably screwed in to the wood sides of the case). Discard both the shroud and the fixture, but retain the screws that held the fixture to the side walls.
- 4) Push the wires that were connected to the fluorescent fixtures through the underside of the display case. The wire may be loose or may be tied down to the underside of the display case. The entire wire can be removed and discarded.
- 5) Push the barrel connector end of the power cord from the new power supply through the hole in the bottom of the display case
- 6) Measure the inside case width between the wood sides. Cut the aluminum shroud to 1/8" less than this width (for example, if your case measures 48" wide, cut the shroud to 47 7/8"). This 1/8" will allow the end caps to be installed. Remove any burrs left on the shroud from cutting. If the end cap has a knockout hole in the bottom, cut the knockout out of each end cap. Insert the end caps into the shroud. Place the shroud in the case against the front of the case. It is helpful to have someone hold the shroud in place while someone else fastens the shroud to the side walls. Another option is to use a piece of cardboard cut to the approximate height to help hold the shroud in place. The end cap has a hole on the side that faces the wood side of the case. Drill a pilot hole with a 1/16" drill bit, but be careful not to drill through the side wall of the case. Install screws through the shroud and in to both sides of the case.
- 8) Bring the jumper cord that you fed through the bottom of the case in step # 5 up through the knockout hole in the end of the shroud. Plug the jumper cord barrel connector in to the mounting end cap of the LED light display.
- 9) Install the LED light in the shroud so that there is approximately 3" on each end of the shroud. The adjustable mounting caps of the LED light will snap in to the channel of the shroud and lock it them in place. Insert the additional jumper cord wire through the knock out hole as you adjust the light to be approximately 3" from each end of the shroud. Once the light is in place, use the small screws provided with the light to fasten each mounting end cap into the shroud using the holes in the mounting end caps.
- 10) Plug the power supply in to a grounded, 120v outlet. The LED light display is adjustable and can be rotated up to 90° to provide the best lighting for your product. If the product does not light up when power is back on, turn the power off, and check that the jumper cord is fully plugged into the linear display light and that the electrical socket has power to it. After you plug the new transformer power supply in to the socket again, if you still do not get light, consult a licensed electrician.

IF DISPLAY CASE HAS NO EXISTING LIGHTING

- 1) Using the new power supply, insert the electrical plug portion of the power supply near an electrical outlet. Drill a hole in the lowest shelf at the corner nearest the outlet. Drill this hole as close to the front of the case as possible using a 1/2" drill bit. Insert the barrel connector end of the wire through this hole and lay it on the lowest shelf.
- 2) SHROUD MOUNTING: 2 OPTIONS
 - OPTION A – SCREW MOUNT:** Measure the case width between the wood sides. Cut the aluminum shroud to 1/8" less than this width (for example, if your case measures 48" wide, cut the shroud to 47 7/8"). This 1/8" will allow the end caps to be installed. Remove any burrs left on the shroud from cutting. If the end cap has a knockout hole in the bottom, cut the knockout out of each end cap. Insert the end caps into the shroud. Place the shroud in the case against the front of the case. It is helpful to have someone hold the shroud in place while someone else fastens the shroud to the side walls. Another option is to use a piece of cardboard cut to the approximate height to help hold the shroud in place. The end cap has a hole on the side that faces the wood side of the case.
 - OPTION B – DOUBLE SIDED TAPE MOUNT:** Measure the case width between the wood sides. Cut the aluminum shroud to 1/8" less than this width (for example, if your case measures 48" wide, cut the shroud to 47 7/8"). This 1/8" will allow the end caps to be installed. Remove any burrs left on the shroud from cutting. If the end cap has a knockout hole in the bottom, cut the knockout out of each end cap. Insert the end caps into the shroud. Cut the double sided tape to 1" x 0.75" rectangles. Clean the attachment surface to remove any dust, debris or oil. Attach double sided tape on the back side of the shroud at intervals of approximately 18". Place the shroud in the case near the front of the case and push up to engage the double stick tape.
- 3) Bring the jumper cord that you fed through the bottom of the case in step # 2 up through the knockout hole in the end of the shroud. Plug the jumper cord barrel connector in to the mounting end cap of the LED light display.
- 4) Install the LED light in the shroud so that there is approximately 3" on each end of the shroud. The adjustable mounting caps of the LED light will snap in to the channel of the shroud and lock it them in place. Insert the additional jumper cord wire through the knock out hole as you adjust the light to be approximately 3" from each end of the shroud. Once the light is in place, use the small screws provided with the light to fasten each mounting end cap into the shroud using the holes in the mounting end caps.
- 5) Plug the power supply in to a grounded, 120v outlet. The LED light display is adjustable and can be rotated up to 90° to provide the best lighting for your product. If the product does not light up when power is back on, turn the power off, and check that the jumper cord is fully plugged into the linear display light and that the electrical socket has power to it. After you plug the new transformer power supply in to the socket again, if you still do not get light, consult a licensed electrician.