



WARNING

- Installation, service, and maintenance of luminaries should be performed by a qualified licensed electrician.
- Only a qualified electrician should install this hardwired power supply.

CAUTION

- This power supply is to be installed Indoor / Outdoor in accordance with Article 450 of the National Electric code (N.E.C.).
- The power supply must be installed in a well-ventilated area free from explosive gases and vapors. Proper operation requires the free flow of air.
- Check the label and ensure the power supply has the proper input voltage, output voltage, and wattage for the job. Check the wire markings to ensure they match the wiring diagram on this instruction sheet.
- Loading - Recommended 40% to 80% loading for optimal performance.

NOTICE

- Quick Specs:

Input Voltage	See Product Label.
Output Voltage	
Maximum Load	
Operating Temp	0 ~ 104°F (-18 ~ +40°C)
Environment	Wet Location / Outdoor / NEMA 3R Enclosure

Installation Instructions

Mounting

- Select a suitable location capable of supporting the weight of the power supply. Use the two keyholes provided on the mounting flange.

Input Connections/Grounding

- Remove the wiring compartment knockouts and install strain reliefs.
- With power turned off, route the input wires through a strain relief and connect white wire to “N” terminal block and black wire to “L” terminal block. The power supply case **MUST** be grounded in accordance with the N.E.C.
- Connect the “G” terminal to ground.

Output Connections

- Bring the 12- or 24-volt DC LED wires through the open knockout and connect the positive (+) side to the (+) terminal block, and negative (-) side to the (-) terminal block.

Installation

- 1) Turn power OFF at circuit breaker prior to installation.

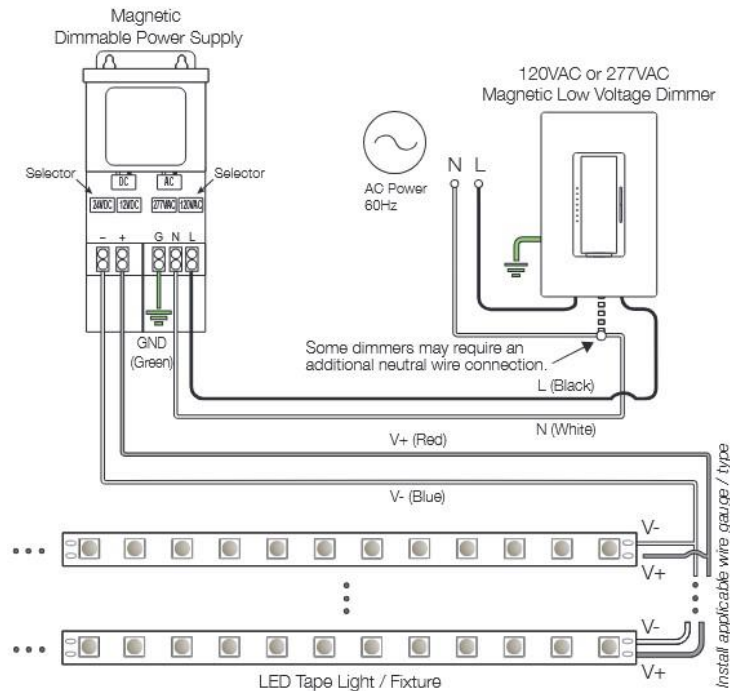


MAGNETIC LED DIMMABLE POWER SUPPLY

WARNING, CAUTION, SAFETY AND INSTALLATION INSTRUCTIONS

- 2) Before installation, check the label on the power supply to ensure proper input voltage, output voltage, and wattage. Do not overload the unit.
- 3) Firmly secure the case to the application with proper size screws.
- 4) Connect the positive lead wire of the LED tape to the (+) terminal of the power supply. Connect the negative lead wire of the LED tape to the (-) terminal of the power supply.
- 5) Confirm all connections are secured before turning the power ON.

Wiring Diagram



Troubleshooting

Fixture does not illuminate	<ul style="list-style-type: none"> • Ensure the system is wired correctly and polarities are correct. • Ensure the power supply and fixture have the same voltage specifications (12V & 12V or 24V & 24V).
Fixture does not dim	<ul style="list-style-type: none"> • Ensure a compatible constant voltage dimmable fixture is installed. • Ensure a compatible dimming control is installed and wired correctly.
Different fixture types do not dim in sync	<ul style="list-style-type: none"> • Different fixture types have different circuit designs and may react differently when dimmed. Ensure each fixture type is installed on a separate dimmable power supply for best performance.
Fixture is quickly flashing or flickering	<ul style="list-style-type: none"> • Verify a compatible dimming control is installed. • Ensure a compatible constant voltage dimmable fixture is installed. • Ensure all connections are properly secured. • Ensure fixture is receiving the correct input voltage.



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Fixture is slowly flashing	<ul style="list-style-type: none"> • Ensure power supply is not overloaded. An overloaded power supply will cause the internal auto-reset to trip repeatedly. • Check for overload.
Installation Trips Main Breaker	<ul style="list-style-type: none"> • Check wiring for short circuit. If the breaker continues to trip there may be a short in the power supply. Call customer support for a replacement power supply. • Check AFCI for faults. • Check for neutral or ground faults.

⚠ WARNING

- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and on the fixture box and all fixture labels.
- Proper grounding is required to ensure safety.
- Power must be turned off at the breaker before installation or maintenance.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Wear gloves and eye protection at all times while installing, servicing, or performing maintenance on the luminaire, and avoid direct eye exposure to the light source while it is on.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not install damaged product. Inspect luminaire for damage that may have occurred during transit. If damaged, contact the manufacturer immediately.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, contact the manufacturer.

⚠ ADVERTENCIA

- Antes de instalar, reparar o realizar el mantenimiento de rutina de este equipo, siga estas precauciones generales.
- Para reducir el riesgo de muerte, lesiones personales o daños a la propiedad por fuego, descarga eléctrica, caída de piezas, cortes / abrasiones y otros peligros, lea todas las advertencias y instrucciones incluidas con y en la caja del dispositivo y todas las etiquetas del dispositivo.
- Se requiere una conexión a tierra adecuada para garantizar la seguridad.
- Se debe apagar la energía en el disyuntor antes de la instalación o el mantenimiento.
- Este producto debe ser instalado de acuerdo con el código de instalación aplicable por una persona familiarizada con la construcción y operación del producto y los peligros involucrados.
- Utilice guantes y protección para los ojos en todo momento durante la instalación, el servicio o el mantenimiento de la luminaria, y evite la exposición directa de los ojos a la fuente de luz mientras está encendida.



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- Para evitar daños o abrasiones en el cableado, no exponga el cableado a bordes de láminas de metal u otros objetos afilados.
- No instale un producto dañado. Inspeccione la luminaria en busca de daños que puedan haber ocurrido durante el tránsito. Si está dañado, comuníquese con el fabricante de inmediato.
- Estas instrucciones no pretenden cubrir todos los detalles o variaciones en el equipo ni proporcionar todas las posibles contingencias a cumplir en relación con la instalación, operación o mantenimiento. Si desea obtener más información o si surgen problemas particulares que no están suficientemente cubiertos para los propósitos del comprador o propietario, comuníquese con el fabricante.