



# Magnetic 12V DC Transformer

## 12V DC Voltage LED Driver Installation Guide

### BEFORE YOU BEGIN

**Note:** This dimmable transformer requires a magnetic low voltage wall dimmer for proper operation. See the list of approved dimmers recommended by Inspired LED. **Standard TRIAC or LED dimmers may cause damage to transformer.**

#### Precautions Before Installing

Check the label to ensure the driver has the proper input voltage and wattage for the job. Check the wire markings to ensure they match the wiring diagram on this installation guide.

#### Mounting

Select a suitable location capable of supporting the weight of the driver. Use the two keyholes in the driver case to mount using suitable screws. It is recommended that the driver be mounted vertically with the wiring compartment pointing down.

#### Input Connections/Grounding

Remove the wiring compartment knockouts and install the clamp connectors provided with the driver. With power turned off, route the input wires through the clamp connector and connect one wire to black and one wire to white. For all wire connections use only UL listed wire nuts and connectors of suitable size and style. Connect the ground wire to the driver green wire, **the driver case MUST be grounded in accordance with N.E.C.**

#### Output Connections

Bring the wires of the light fixture through the other clamp connector and connect them to the driver wire- positive to the **red (+)** wire and negative to the **blue (-)** wire.

#### QUICK SPECS

Input- 120V AC  
Output- 12VDC  
Working Temp- (-)20°C to 70°C

#### DIMENSIONS & WEIGHT:

**40W (SKU# 4789)** – 5.03" x 2.14" x 2.00" – 2.2 lbs  
**60W (SKU# 4790)** – 6.06" x 2.59" x 2.20" – 3.2 lbs  
**100W (SKU# 4791)** – 9.88" x 2.88" x 3.13" – 5.5 lbs  
**150W (SKU# 3749)** – 9.88" x 2.88" x 3.13" – 5.6 lbs

### Compatible Low Voltage Magnetic Dimmers

|                              |                |                |
|------------------------------|----------------|----------------|
| <b>Lutron Ariadni Dimmer</b> |                |                |
| AYLV-603P                    | AYLV-603P-CSA  | AYLV-603P-S    |
| AYLV-600P                    | AYLV-600P-CSA  | AYLV-600P-S    |
| <b>Lutron Vareo Dimmer</b>   |                |                |
| V-1000                       | V-600          | V-1000-S       |
| V-600-S                      | VETN-1000      | VETS-1000      |
| VETS-1000-CSA                | VETN-1000-S    | VETS-1000-S    |
| VETS-R                       | VETS-R-S       | VETS-1000-SL   |
| VETS-1000-SL-S               | VETS-A-SL      | VETS-A-SL-S    |
| <b>Lutron Nova Dimmer</b>    |                |                |
| NTLV-1000                    | NTLV-1500      | NTLV-600       |
| NTLV-1500-S                  | NTLV-600-S     | NTLV-1000-S    |
| NTLV-1503P                   | NTLV-2003P     | NTLV-1003P     |
| NTLV-603P                    | NTLV-1503P-CSA | NTLV-1003P-CSA |
| NTLV-603P-CSA                | NTLV-1503P-S   | NTLV-2003P-S   |
| NTLV-1003P-S                 | NTLV-603P-S    | NT-3PS         |
| NT-3PS-CSA                   | NT-4PS-S       | NT-4PS         |
| NT-4PS-CSA                   | NT-1PS-S       | NT-1PS         |
| NT-1PS-CSA                   |                |                |
| <b>Lutron Ceana Dimmer</b>   |                |                |
| CNLV-603P                    | CNLV-600P      |                |
| <b>Lutron Diva Dimmer</b>    |                |                |
| DVLV-103P                    | DVLV-603P      | DVSCLV-103P    |
| CVSCLV-603P                  | DVLV-103P-CSA  | DVLV-603P-CSA  |
| DVLV-103P-S                  | DVLV-603P-S    | DVLV-103PH-S   |
| DVLV-603PH-S                 | DVSCLV-103P-L  | DVSCLV-603P-L  |
| <b>DVLV-600P</b>             | DVLV-10P       | DVSCLV-10P     |
| DVSCLV-600P                  | DVLV-10P-CSA   | DVLV-10P-S     |
| DVLV-10PH-S                  | DVSCLV-10P-L   | SC-3PS         |
| SC-4PS                       | SC-1PSNL       | SC-3PSNL       |
| SC-4PSNL                     |                |                |
| <b>Lutron Glyder Dimmer</b>  |                |                |
| CLV-600                      | GLV-600-CSA    |                |
| <b>Lutron Lyneo Dimmer</b>   |                |                |
| LXLV-103PL                   | LXLV-603PL     | LXLV-10PL      |
| LXLV-600PL                   |                |                |
| <b>Lutron Nova T Dimmer</b>  |                |                |
| NTLV-1500                    | NTLV-1000      | NTLV-1000-277  |
| NTLV-600                     | NTLV-600-277   |                |
| <b>Lutron Skylark Dimmer</b> |                |                |
| SLV-603P                     | SLV-603P-CSA   | SLV-603PH-CSA  |
| SLV-600P                     | SLV-600P-CSA   | SLV-600PH-CSA  |

