

PSDE-60W-12-ELV 60W Compact DC Dimming Driver

CORE
LIGHTING

SPECIFICATION SHEET

JOB NAME: _____
LOCATION: _____
QUOTE/REF#: _____



PSDE-60W-12-ELV is a compact electronic dimming driver suitable for LED lighting systems. Manufactured with an advanced patented circuit board provides smooth dimming operation with ELV style dimmers. PSDE-ELV drivers are also compatible with architectural dimming controls without the need for a separate interface. Built-in short circuit protection and zero minimum load requirements makes this driver one of the most efficient in the market. Available in 12VDC and 24VDC. UL listed, Class 2 Rated.

FEATURES

- 60W DC
- Class 2
- **ZERO MINIMUM LOAD**
- Miniature casing
- Smooth dimming with LED light sources
- Easily controllable
- Noiseless operation
- Zero crossover blinking
- Suitable for LED loads
- Suitable for dry or damp locations
- UL Listed

SPECIFICATIONS

| | |
|---------------------------------|------------------------|
| WATTAGE | 60W |
| OUTPUT VOLTAGE | 12V DC |
| MAX OUTPUT CURRENT | 0.53A |
| INPUT VOLTAGE | 120V AC |
| FREQUENCY | 50 / 60 Hz |
| MAXIMUM CASING TEMPERATURE | 90°C |
| MAX AMBIENT OPERATING TEMP | 40°C |
| DIMMER TYPE | Electronic Low Voltage |
| TOTAL HARMONIC DISTORTION (THD) | <13% |

SUITABLE FOR LED LOADS

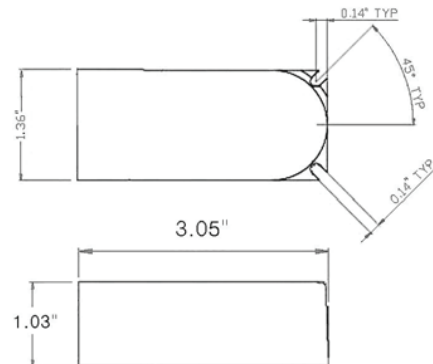
ZERO MINIMUM LOAD | ZERO CROSSOVER BLINKING

WORKS WELL WITH MR16 REPLACEMENT LEDs

SMOOTH DIMMING WITH LED LIGHT SOURCES

DESIGNED FOR ARCHITECTURAL LIGHTING CONTROL SYSTEMS

DIMENSIONS



INSTALLATION GUIDE



THIS TRANSFORMER IS ONLY TO BE INSTALLED BY A QUALIFIED TECHNICIAN IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES

BEFORE YOU BEGIN

Make sure the transformer has the proper input voltage and wattage for the intended job. Check wiring and make sure they match the diagram on this guide.

MOUNTING

Select a suitable and proper location to mount the driver. Consider the weight of the driver to be supported.

INPUT CONNECTIONS / GROUNDING

1. Remove input wiring cover and install strain reliefs.
2. Make sure power is turned off. Route input wires and make connections based on wiring diagram following the INPUT side.
3. Make sure that driver is properly grounded in accordance with the N.E.C.

OUTPUT CONNECTIONS

1. Remove output wiring cover and install clamp connectors.
2. Make sure power is turned off. Route fixture wires and make connections based on wiring diagram following the OUTPUT side.

60W **12V** **CLASS 2**