

# PSDE-60W-24-ELV 60W Compact DC Dimming Driver

**CORE**  
LIGHTING

## SPECIFICATION SHEET

JOB NAME: \_\_\_\_\_  
LOCATION: \_\_\_\_\_  
QUOTE/REF#: \_\_\_\_\_



**PSDE-60W-ELV-24** 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 Recognized

### SPECIFICATIONS

WATTAGE	60W
OUTPUT VOLTAGE	24V 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

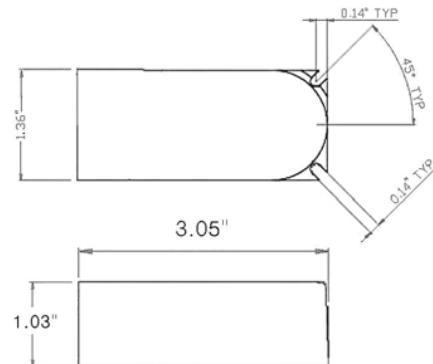
ZERO MINIMUM LOAD | ZERO CROSSOVER BLINKING

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 24V CLASS 2**