

PSDE-60W-12V-ELV

60W Electronic Low-Voltage Compact LED Driver

CORE
ARCHITECTURAL
LIGHTING



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

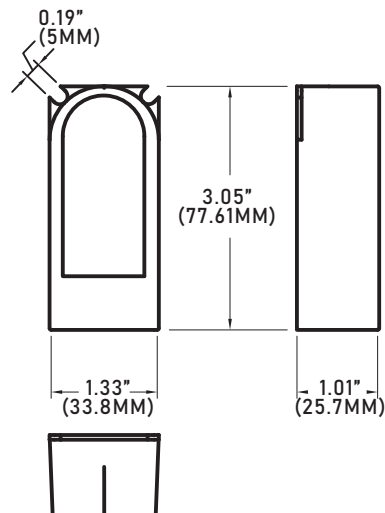
DESIGNED FOR ARCHITECTURAL LIGHTING CONTROL SYSTEMS

PSDE-60W-12V-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. This driver is compatible with architectural dimming controls without the need for a separate interface. Its built-in short circuit protection and zero minimum load requirements make this driver one of the most efficient in the market. Available in 12VDC and 24VDC.

UL Recognized, Class 2 Rated.

FEATURES

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



60W INDOOR DIMMABLE CLASS 2 12V



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STANDARD ORDERING GUIDE

Model	Wattage	Voltage	Type
PSDE	60W 60 Watts	12V 12 Volts 24V 24 Volts	ELV Electronic Low-Voltage

INSTALLATION GUIDE

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.



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