



# SET-12060A

## 12V DC 60W Dimmable Mini Electronic Transformer



Project: \_\_\_\_\_

Location: \_\_\_\_\_

Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

### DESCRIPTION

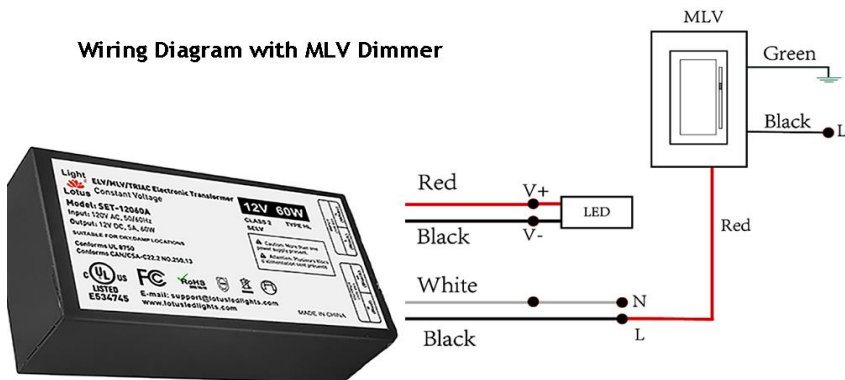
12V DC 60W Class 2 Mini Electronic Transformer  
Dimmable Triac Forward & Reverse Phase

### FEATURES & BENEFITS

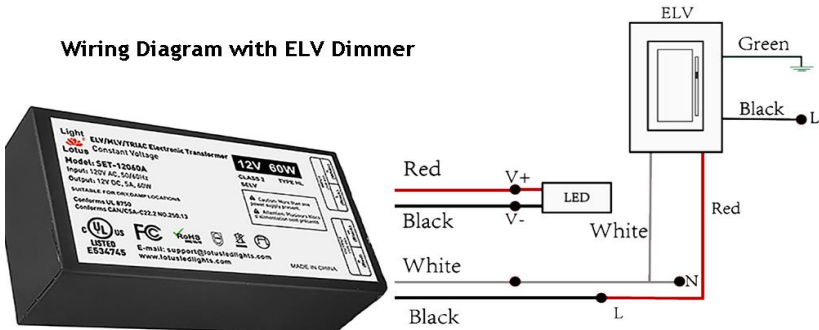
- Super Compact - fits in limited spaces
- UL Listed, Class 2, Type HL
- Short Circuit & Over Load Protection
- Hiccup mode, recovers automatically after fault condition is removed
- Optional Junction Box with Line & Low Voltage Chambers
- Built-in power factor correction

| SPECIFICATION      |  |
|--------------------|--|
| Applications       | LED Tape, 12V Ceiling Fixtures             |
| Power              | 60 W                                       |
| Input V / Hz       | 120V AC / 47-63 Hz                         |
| Output V / A       | 12V DC $\pm$ 0.5V / 5A                     |
| Dimmability        | TRIAC - Leading & Trailing Edge Dimmers    |
| Min / Max Load     | 20% to 70%                                 |
| Dimmability        | TRIAC - Leading & Trailing Edge Dimmers    |
| Efficiency         | 88% @ 120V AC                              |
| Power Factor       | 0.98 @ 120V AC                             |
| THD                | < 20%                                      |
| Ambient Conditions | -40°F (-40°C) to +140°F (+60°C), 20-95% RH |
| Warranty           | 5 Year                                     |
| Certification      | c UL us Listed, Class 2, Type HL           |

Wiring Diagram with MLV Dimmer



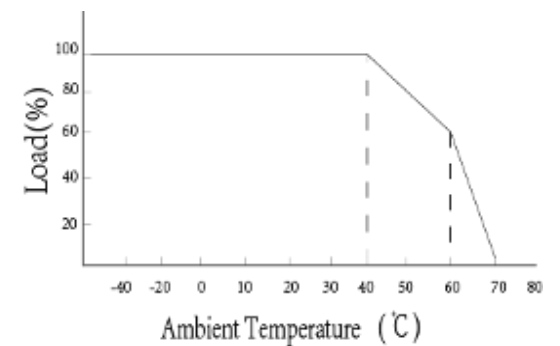
Wiring Diagram with ELV Dimmer



### DIMENSIONS:

3" x 1/2" x 7/8"

### Load vs Ambient Temp Curve



### ACCESSORIES



Box dimensions

4 3/8" x 3 1/2" x 1 3/4"

Sold Separately

Junction Box for Hard Wiring  
with Line and Low  
Voltage Chambers

[model SET-160](#)



### ORDERING GUIDE

**SET-12060A**

### WARNING:

Do not exceed ambient temperature range from -40°F (-40°C) to +140°F (+60°C). Please mount in a shaded area or when mounted indoors install in a well-ventilated area. Load to maximum 70%. Failure to follow these instructions could lead to overheating, short life and void the warranty.

### Lotus LED Lights USA

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