

## Constant Voltage Electronic Phase Dimmable LED Driver

The E-SERIES RECOGNIZED is an electronic Class 2 dimmable LED driver with an extremely compact, low profile aluminum case making it the perfect choice for under cabinet lighting, kick/cove lighting, mirror lighting and multiple other residential and commercial lighting fixture applications. The driver features auto reset, over current and short circuit protection as well as an efficiency over 90% resulting in low operating case temperature. The product line is phase dimmable down to 1% with leading edge TRIAC dimmers.

**Installation:** Wire Leads

**Driver Type:** Class 2 Single Channel

**Dimming:** Phase Dimmable Down to 1% with leading edge TRIAC Dimmer

**Input Voltage:** 120VAC, 50/60Hz

**Output Voltage:** 12VDC or 24VDC

**Environmental:** Wet Location

**IP Rating:** IP67

**Listing:** UL Recognized

**Certifications:** UL8750 | CSA C22.2 No. 250 13-14

**Component Signage Listing Certification:** UL 879 | CSA 22.2 No. 207-M89

**Warranty:** 2-Year Warranty

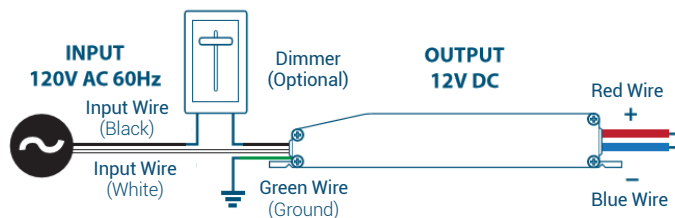


4.92" L x 2.20" W x 0.79"H



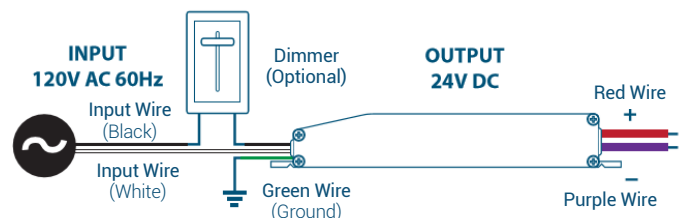
## Wiring Diagram

### 12VDC OUTPUT



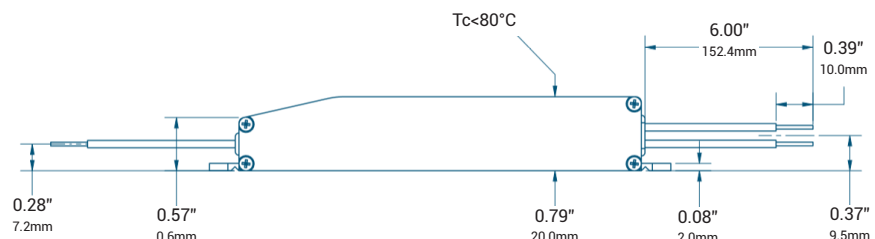
For smooth dimming 8W minimum load is required

### 24VDC OUTPUT



For smooth dimming 8W minimum load is required

DIMENSIONS	
LENGTH	4.92" (125.0mm)
WIDTH	2.20" (56.0mm)
HEIGHT	0.79" (20.0mm)



## Specifications

INPUT		
Input Voltage Range	120VAC ± 10%	
Input Frequency	50 / 60Hz	50 / 60Hz
Input Current	0.61A@120VAC (12VDC)	0.85A@120VAC
Efficiency	> 90% (12VDC)	> 90%
Power Factor	0.95	0.95
OUTPUT		
Max Load	60W	96W
Output Voltage @ Max Load	12.0 VDC	24.0 VDC
Output Current @ Max Load	5.00A (12VDC)	4.16A
ENVIRONMENTAL		
Max Ambient Temperature	-30°C - +40°C (-22°F - 104°F)	
DIMMING		
Minimum Dimming Level	1%	
PROTECTION		
Circuit Breaker	Short circuit & over-voltage auto-reset	
MECHANICAL HOUSING		
Primary Leads	18 AWG	18 AWG
Secondary Leads	14 AWG	14 AWG
Length	4.92" (125.0mm)	4.92" (125.0mm)
Width	2.20" (56.0mm)	2.20" (56.0mm)
Height	0.79" (20.0mm)	0.79" (20.0mm)
Weight	9oz (255g)	9oz (255g)
Housing Material	Anodized Aluminum	Anodized Aluminum
Housing Color	Blue	Blue
Junction Box	No	No
Mounting	One hole flange mount and one 1/2 hole flange mount	
APPROVAL MARKINGS		
Certificates / Approval Signs	UL8750 Class 2	UL8750 Class 2

