

Constant Voltage Electronic Phase Dimmable LED Driver

The E-SERIES Listed is an electronic Class 2, phase dimmable LED driver with a low profile aluminum case making it the perfect choice for tape lighting, kick/cove lighting, under cabinet lighting and multiple other residential and commercial lighting applications. The UL Listed enclosure includes a wiring compartment with two ½" knockouts for easy-installation, eliminating the need for a separate junction box. 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 E-SERIES Listed is phase dimmable down to 1% with leading edge TRIAC dimmers.

Installation: Surface Mount Junction Box with Multiple ½" Knock-Outs

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 Available

Environmental: Dry and Damp

Listing: UL Listed

Certifications: UL 8750, CSA C22.2 No. 250 13-14

Warranty: 2-Year Warranty

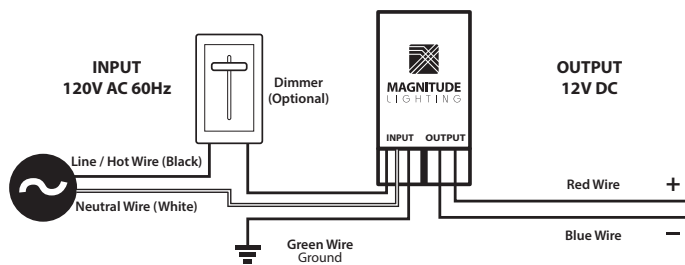


6.77" L x 2.67" W x 1.30"H

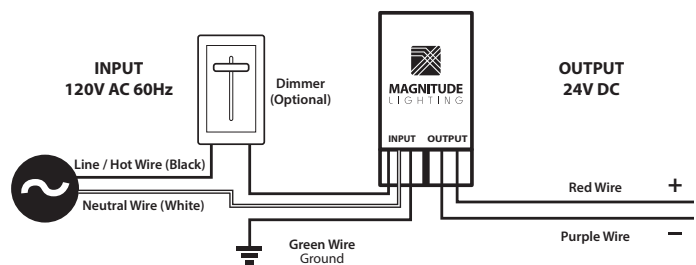


Wiring Diagram

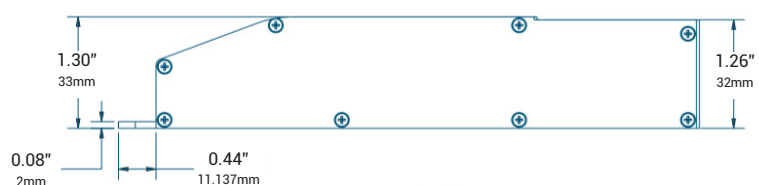
12VDC OUTPUT



24VDC OUTPUT



DIMENSIONS	
LENGTH	6.77" (171.9mm)
WIDTH	2.67" (67.8mm)
HEIGHT	1.30" (33.0mm)



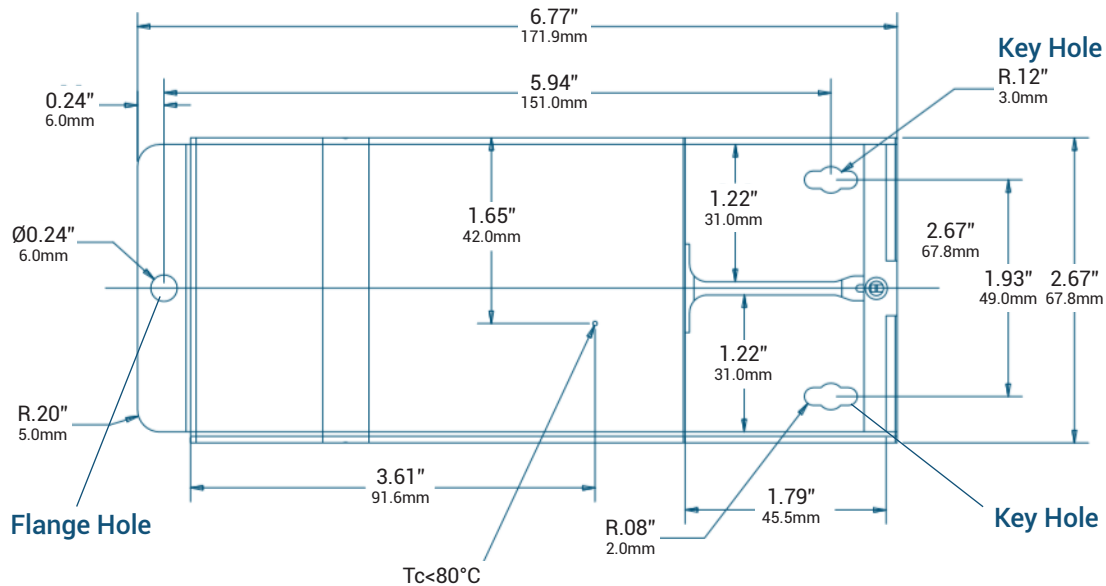
Specifications

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	24.0VDC
Output Current @ Max Load	5.00A (12VDC)	4.16A
ENVIRONMENTAL		
Max Ambient Temperature	-30°C - +65°C (-22°F - 122°F)	
DIMMING		
Minimum Dimming Level	1%	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	6.77" (171.9mm)	6.77" (171.9mm)
Width	2.67" (67.8mm)	2.67" (67.8mm)
Height	1.30" (33.0mm)	1.30" (33.0mm)
Weight	9oz (255g)	9oz (255g)
Housing Material		
Housing Color	Black	Black
Junction Box	Yes	Yes
Mounting	One hole flange mount, 2 key holes in wire housing	
APPROVAL MARKINGS		
Certificates / Approval Signs	UL8750 Class 2	UL8750 Class 2

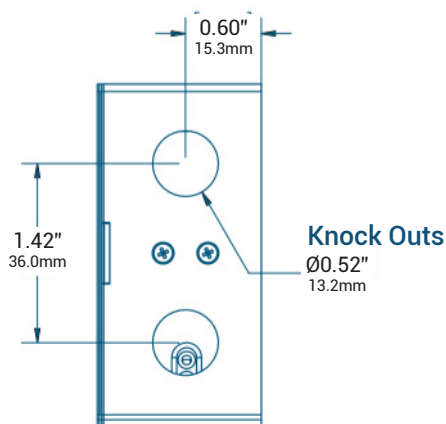
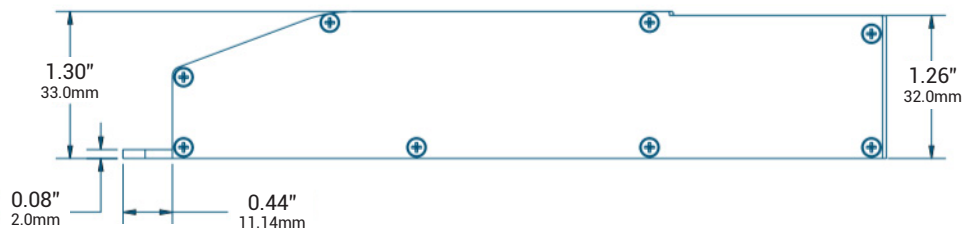
Mechanical Diagram

E-SERIES LISTED with Wire Housing

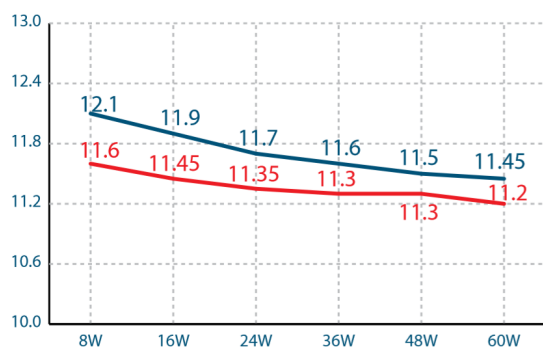
TOP VIEW



SIDE VIEW

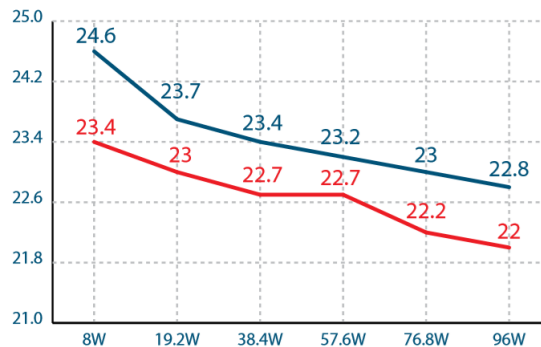


60W (12VDC)



— Output Voltage vs. Load
— Output Voltage With a Typical TRIAC Dimmer (on Max)

96W (24VDC)



— Output Voltage vs. Load
— Output Voltage With a Typical TRIAC Dimmer (on Max)