Beulux Code: FPD96IP67

MAGNITUDE LIGHTING

DIMMABLE — DIM DOWN TO 1%

c UL us E465183 — CLASS 2 — 24V DC

E-SERIES

VOLTAGE DIMMABLE CLASS 2 LED DRIVER

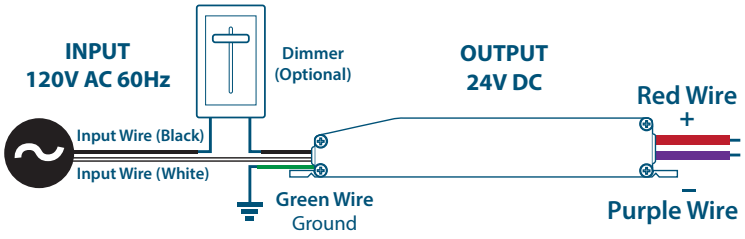
P/N: E96R24DC

Magnitude's E96R24DC dimmable voltage LED driver is class 2 rated and designed to operate with any standard MLV/Incandescent TRIAC (Leading edge) dimmer switch. The driver's low profile aluminum case makes it the perfect choice for under cabinet lights, tape lights and various LED fixtures installations. Our electrical specification includes Auto Reset, over current and short circuit protection. Efficiency of 90% and higher allows the driver to operate at low temperatures.

QUICK SPECS

Input Voltage	Max Output Power	Output Voltage	Max Output Current	Efficiency @ Max Load	THD @ Max. Load	Power Factor @ Max. Load	Envir. Protection Rating	Weight
120VAC	96W	24VDC	4 A	> 90%	< 20%	> 0.95	IP67	9oz / 255grams

WIRING DIAGRAM



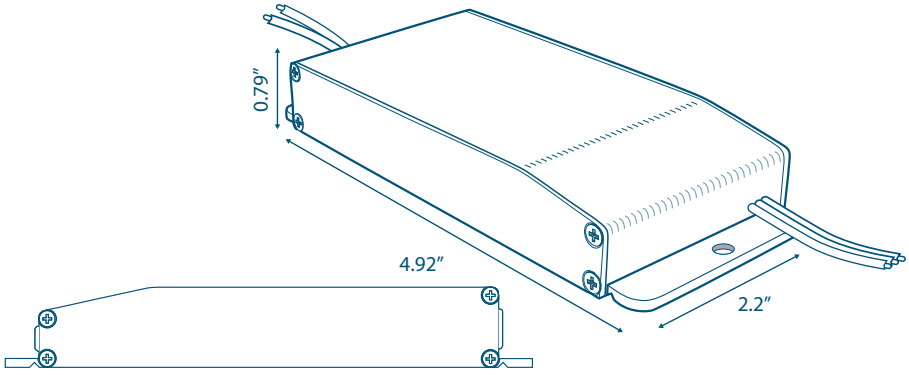
For smooth dimming 8W minimum load is required

FEATURES

- Dimmable with any standard MLV/Incandescent TRIAC- (Leading edge) dimmer switch
- Dim down to 1%
- Super compact ALUMINUM CASE.
- Class 2
- UL 8750
- IP67 - Withstands wet and salty conditions.
- Auto-Reset Protection for short circuits & over-voltage.
- FCC 15 part 2

ENCLOSURE DETAILS In. (mm)

Length	4.92 (125)
Width	2.2 (56)
Height	0.79 (20)



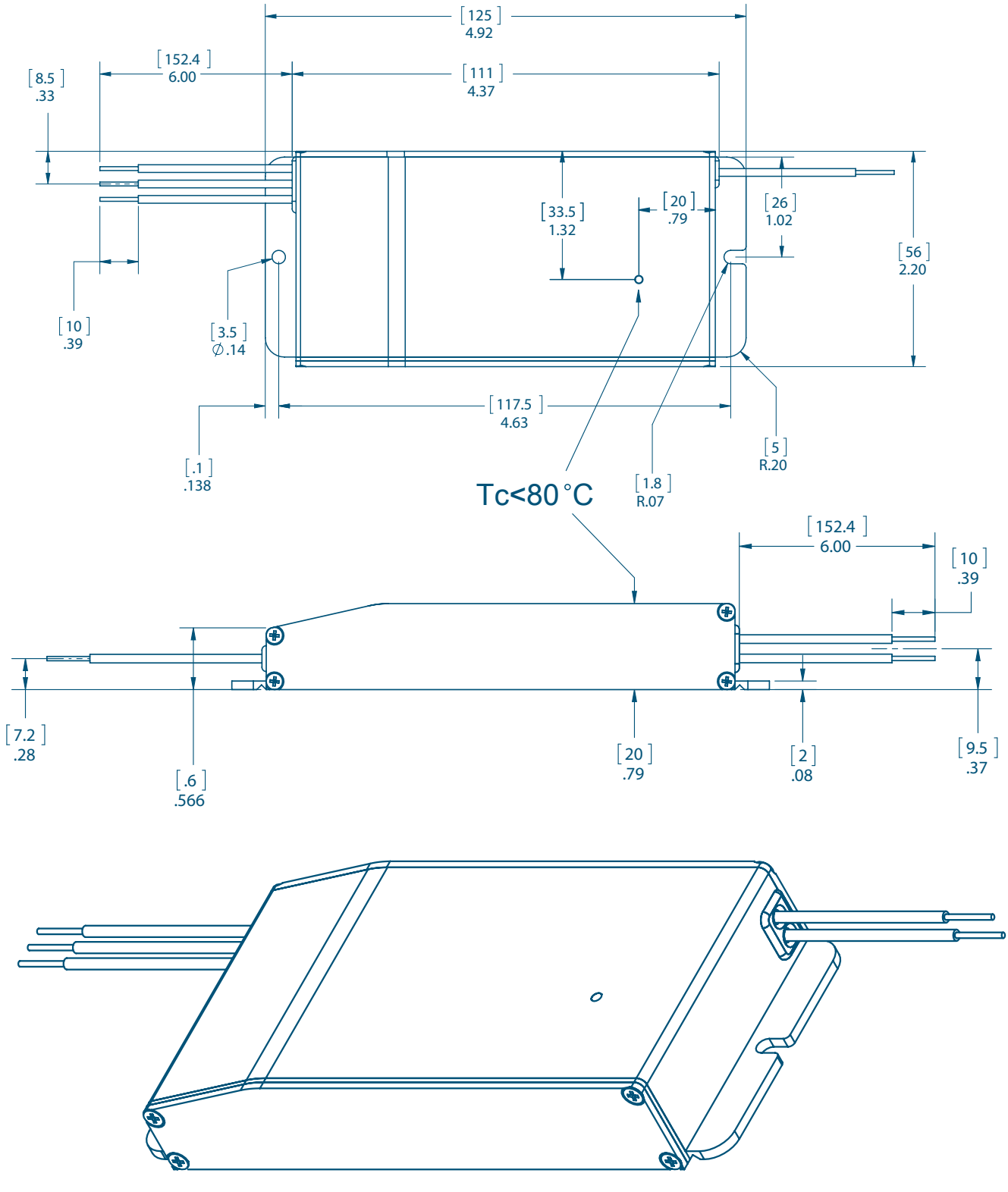
E-SERIES VOLTAGE DIMMABLE CLASS 2 LED DRIVER

SPECIFICATIONS

Input	
Input Voltage	120VAC
Input Current @ Max Load	1 A
Power Factor	0.95
Efficiency	> 90%
Output	
Max Load	96W
Output Voltage	24VDC
Output Current @ Max Load	4 A
Envrionmental	
Operating Ambient Temperature	-30°c - 50°c (-22°F - 122°F)
Dimming	
Minimum Dimming Level	1%
Protections	
Short Circuit Protection	Yes
Overcurrent Protection	Yes
Over Temperature	Yes
Open Circuit Protections	Yes
Mechanical & Housing	
Input Wires (White \ Black)	18 AWG
Output Wires (Red \ Black)	14 AWG
Length	4.92" (125mm)
Width	2.2" (56mm)
Height	0.79" (20mm)
Weight	9oz (255grams)
Housing Material	Anodized Aluminium
Housing Color	Blue
Junction Box	No
Mounting	Two Hole flange mounting
Approval Markings	
Certificates / Approval Signs	UL 8750, class 2

E-SERIES VOLTAGE DIMMABLE CLASS 2 LED DRIVER

MECHANICAL DIAGRAM



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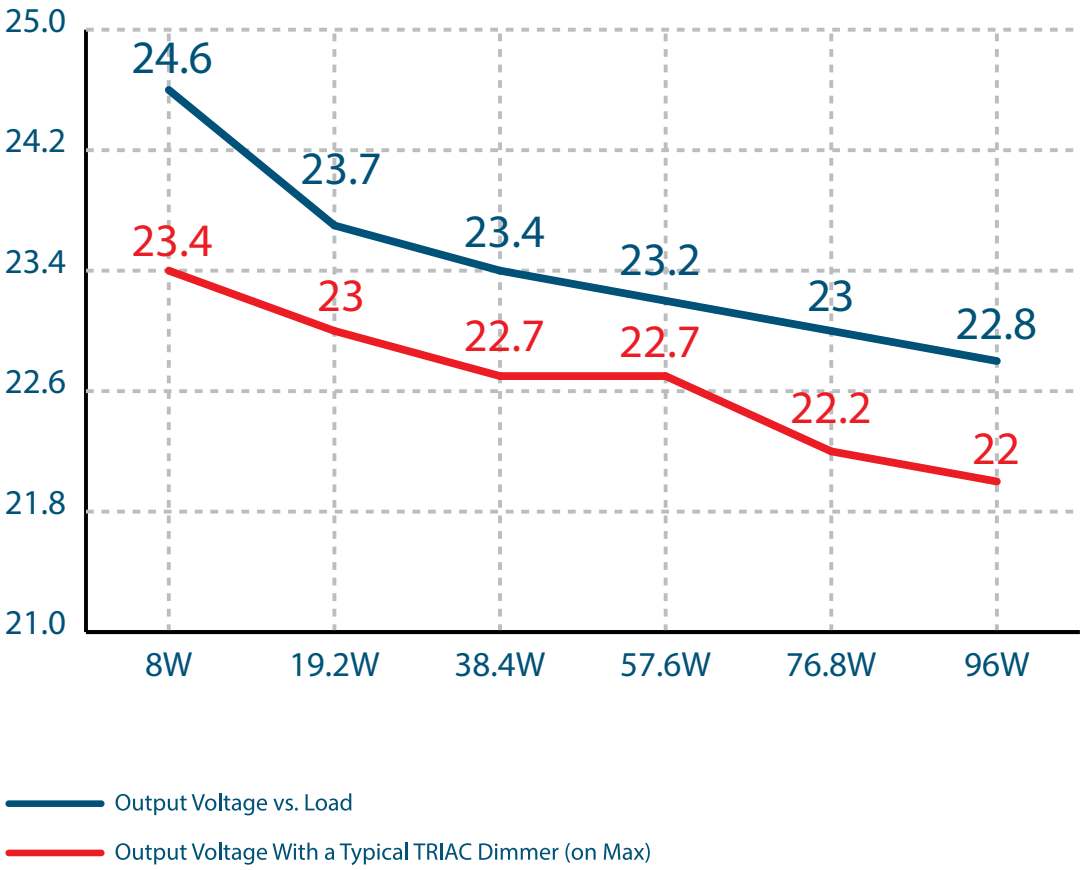

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The specifications are subject to change without notice

WE DRIVE LIGHT