

MD-SERIES

MAGNETIC DIMMABLE LED DRIVER



P/N: MD-100-12

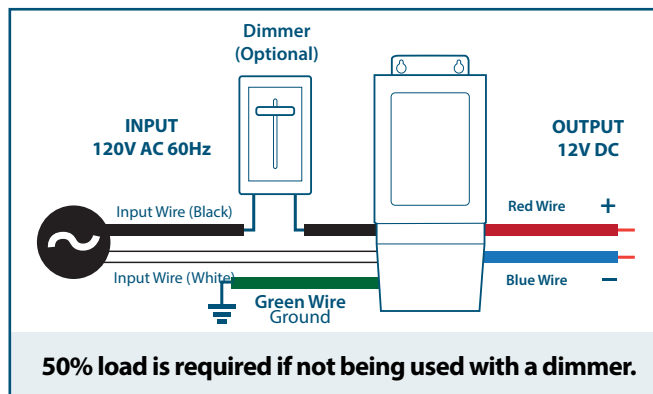


KLUS - MD-100-12 is the most compact LED driver on the market with a magnetic transformer core. It is equipped with two auto-reset breakers, one on the input and one on the output, which protect both the load and driver. The driver is encased in a coated metal box that includes 2 knock-outs, one on each side, to enable easy installation that complies with electrical code requirements.

QUICK SPECS

Input Voltage	Max Output Power	Output Voltage	Output Current	Efficiency @ Max Load	Power Factor @ Max. Load	Envir. Protection Rating	Weight
120VAC	100W	12VDC	10.76 A	> 81%	> 0.93	NEMA 3R	87oz

WIRING DIAGRAM

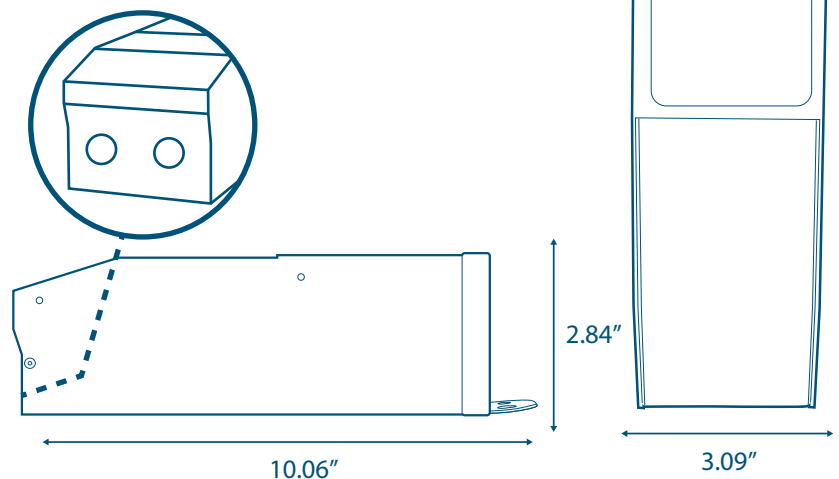


FEATURES

- Dimmable with any standard MLV/Incandescent TRIAC- (Leading edge) dimmer switch
- Dual protection - primary and secondary auto-reset circuit breakers
- Nema 3R - Outdoor Use
- Two knock-outs
- ETL Listed
- Certified to CSA Standard

ENCLOSURE DETAILS In. (mm)

Length	10.06 (255.5)
Width	3.09 (78.5)
Height	2.84 (72.1)

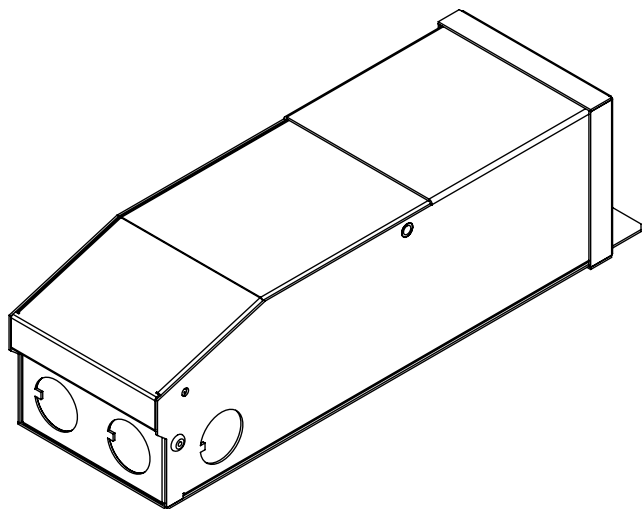
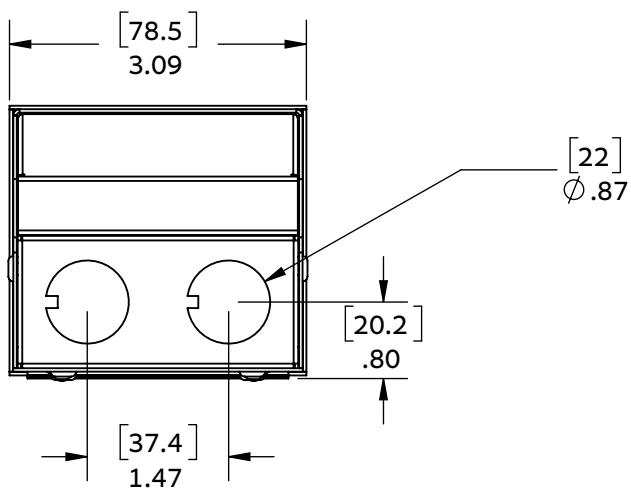
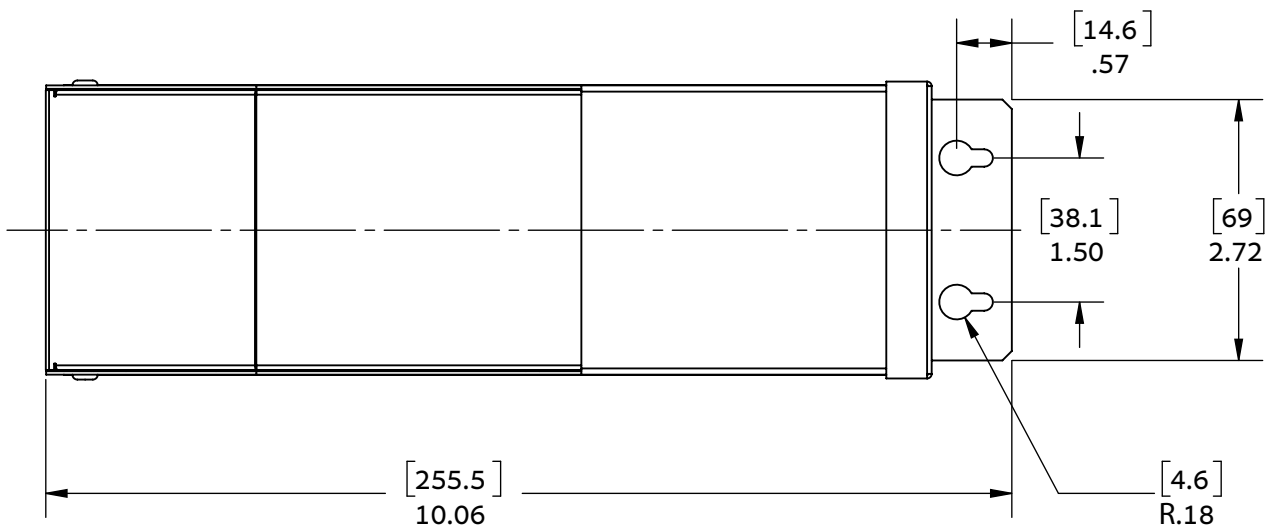
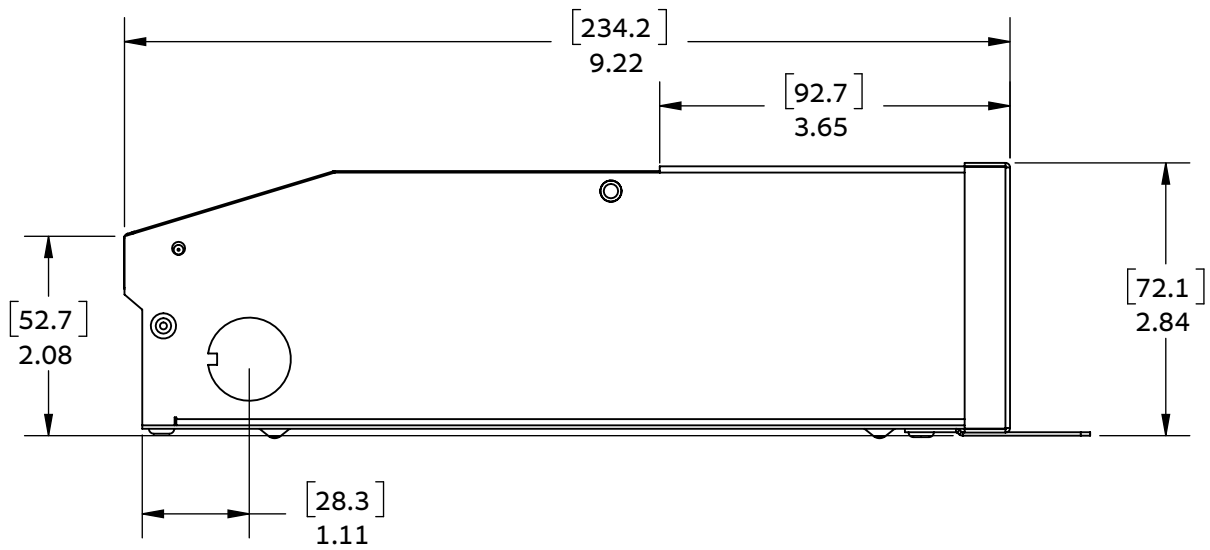


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SPECIFICATIONS

Input	
Input Voltage	120VAC
Input Current @ Max Load	1.33 A
Power Factor	0.93
Efficiency	> 81%
Output	
Max Load	100W
Output Voltage	12.8 VDC
Output Current @ Max Load	10.76 A
Coil Former	Double Section Bobbin
Environmental	
Operating Temperature	-30°C - 45°C (-22°F - 113°F)
Min Installation space between drivers	5" Inch
Thermal Class	B130°C
Protections	
Circuit Breaker	Primary and secondary auto-reset
Mechanical & Housing	
Leads Primary	PVC 600V #18
Leads Secondary	PVC 300V #12
Length	10.06" (255.5mm)
Width	3.09" (78.5mm)
Height	2.84" (72.1mm)
Weight	87oz
Housing Material	Coated metal
Housing Color	Black
Junction Box	Yes
Mounting	Two Hole flange mounting
Approval Markings	
Certificates / Approval Signs	UL 8750

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