KLUŚ

MD-SERIES

MAGNETIC DIMMABLE CLASS 2 LED DRIVER

CLASS 2

12V DC

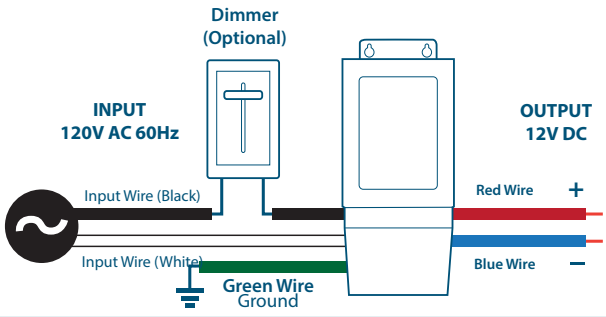
P/N: MD-60-12

KLUS - MD-60-12 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	60W	12VDC	5 A	> 80%	> 0.84	NEMA 3R	50oz

WIRING DIAGRAM



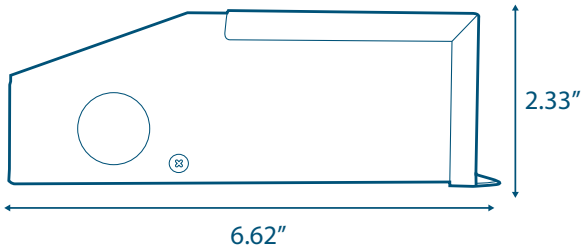
50% load is required if not being used with a dimmer.

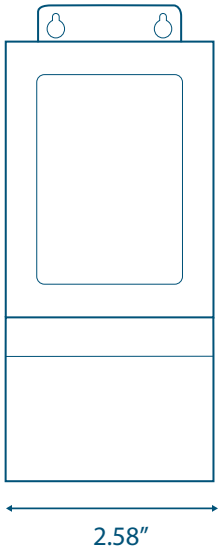
FEATURES

- 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 one on each side
- Class 2
- ETL Listed
- Certified to CSA Standard

ENCLOSURE DETAILS In. (mm)

Length	6.62 (168)
Width	2.58 (65.6)
Height	2.33 (59.1)

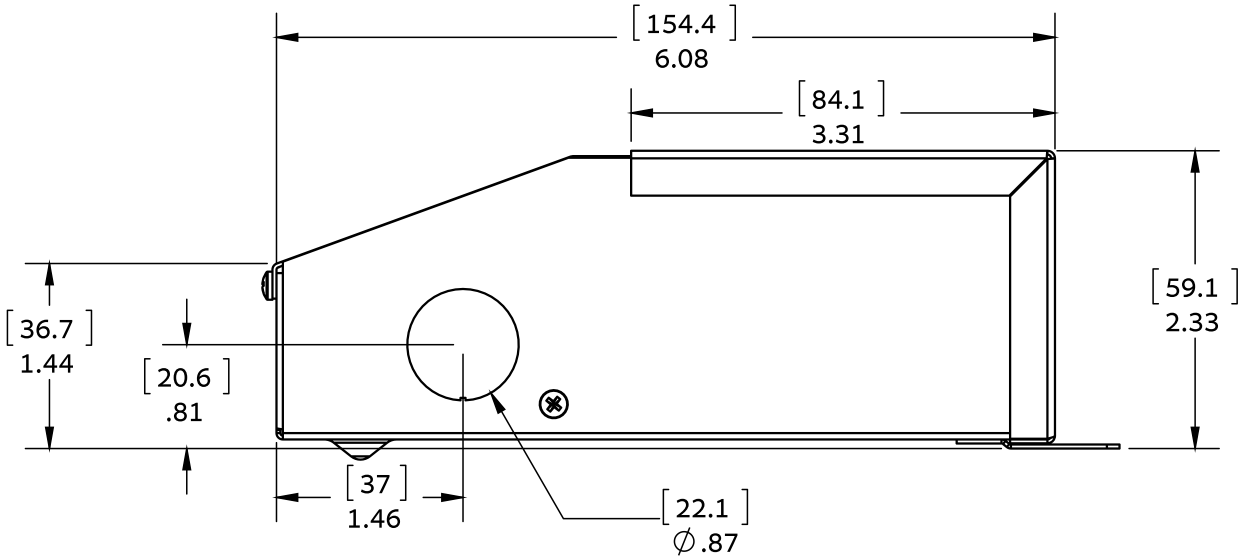


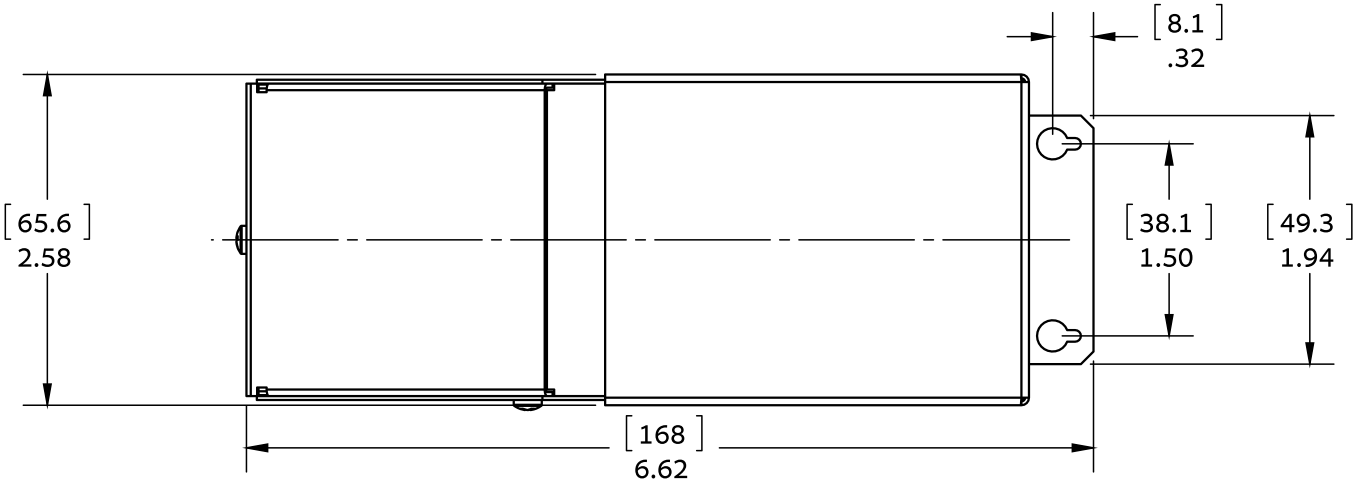


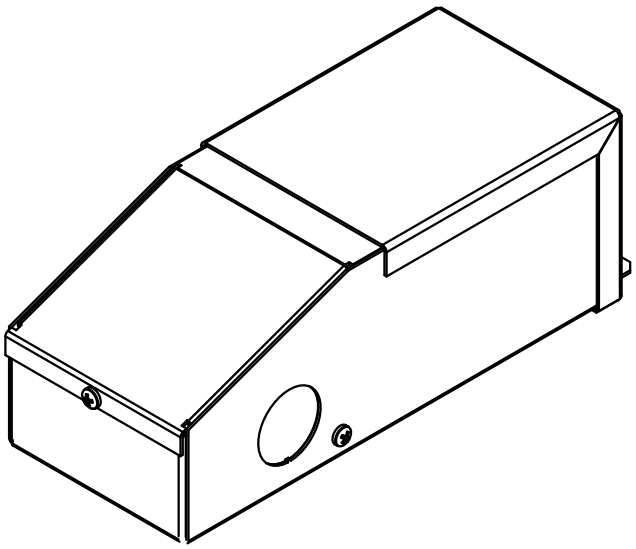
SPECIFICATIONS

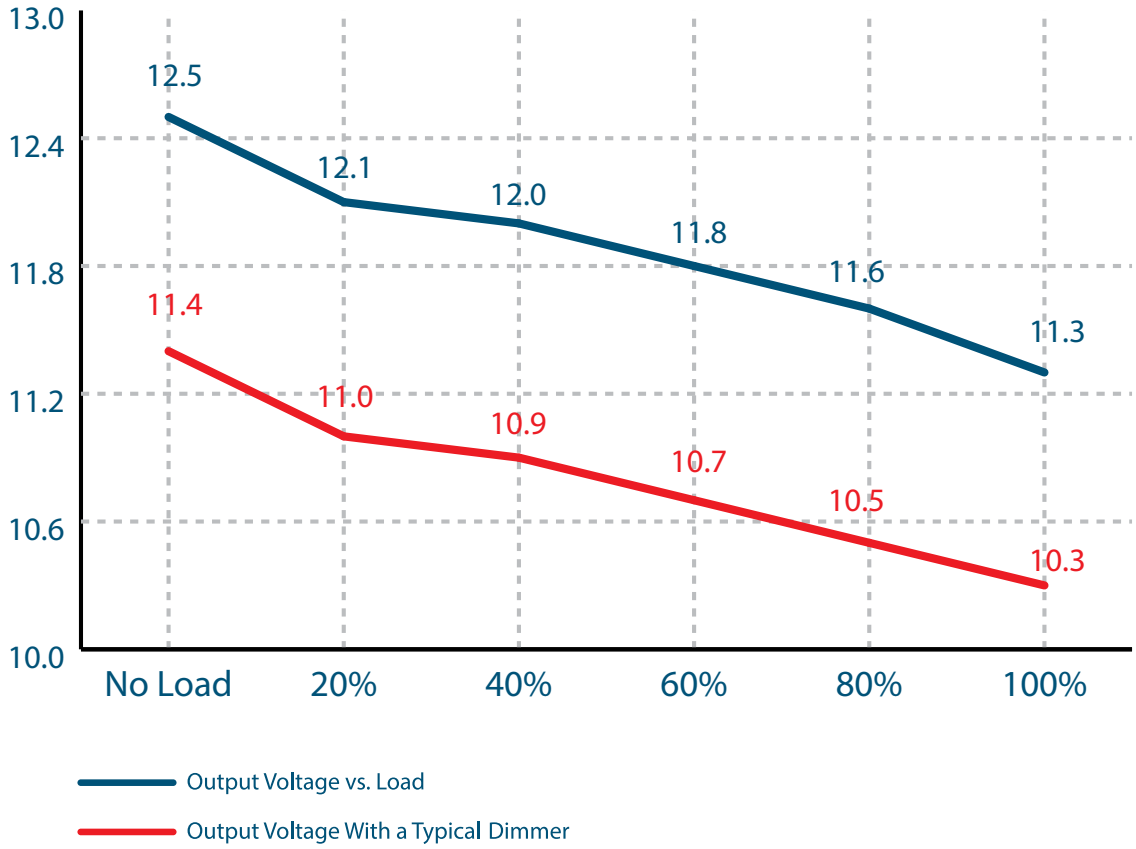
Input	
Input Voltage	120VAC
Input Current @ Max Load	0.76 A
Power Factor	0.84
Efficiency	> 80%
Output	
Max Load	60W
Output Voltage	12.5 VDC
Output Current @ Max Load	5 A
Coil Former	Double Section Bobbin
Envrionmental	
Operating Temperature	-30°c - 45°c (-22°F - 113°F)
Min Installation space between drivers	5" Inch
Thermal Class	B130°c
Protections	
Circuit Breaker	Primary and secondary auto-reset
Mechanical & Housing	
Leads Primary	PVC 600V #20
Leads Secondary	PVC 300V #16
Length	6.62" (168mm)
Width	2.58" (65.6mm)
Height	2.33" (59.1mm)
Weight	9oz (255grams)
Housing Material	Coated metal
Housing Color	Black
Junction Box	Yes
Mounting	Two Hole flange mounting
Approval Markings	
Certificates / Approval Signs	UL 8750, class 2

MECHANICAL DIAGRAM








13.0
12.4
11.8
11.2
10.6
10.0
12.5
12.1
12.0
11.8
11.6
11.3
11.4
11.0
10.9
10.7
10.5
10.3
No Load
20%
40%
60%
80%
100%
Output Voltage vs. Load
Output Voltage With a Typical Dimmer