

MD-SERIES

MAGNETIC DIMMABLE CLASS 2 LED DRIVER



CLASS 2



P/N: MD-20-12

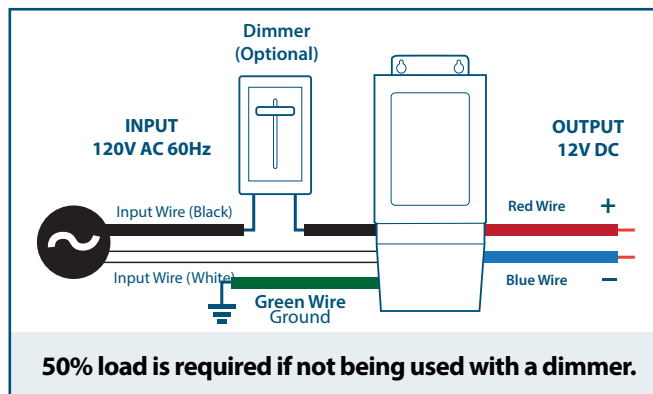


KLUS - MD-20-12 is the most compact LED driver on the market with a magnetic transformer core. It is equipped with two auto-reset breakers, one on the input and one on the output, which protect both the load and driver. The driver is encased in a coated metal box that includes 2 knock-outs, one on each 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	20W	12VDC	1.9 A	> 74%	> 0.81	NEMA 3R	35oz

WIRING DIAGRAM

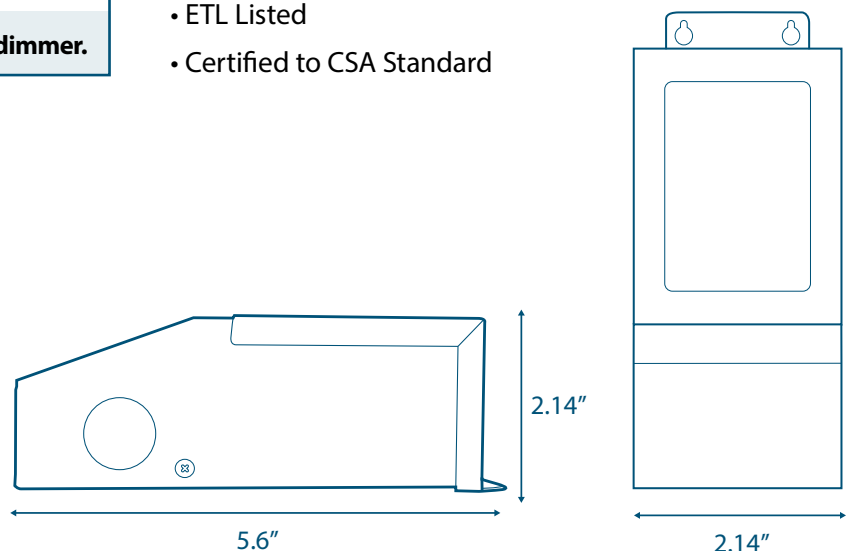


FEATURES

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

ENCLOSURE DETAILS In. (mm)

Length	5.6 (142.2)
Width	2.14 (54.3)
Height	2.14 (54.3)



MD-SERIES MAGNETIC DIMMABLE CLASS 2 LED DRIVER

SPECIFICATIONS

Input

Input Voltage 120VAC

Input Current @ Max Load 0.31 A

Power Factor 0.81

Efficiency > 74%

Output

Max Load 20W

Output Voltage 11.6 VDC

Output Current @ Max Load 1.9 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 #20

Leads Secondary PVC 300V #16

Length 5.6" (142.2mm)

Width 2.14" (54.3mm)

Height 2.14" (54.3mm)

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

MD-SERIES MAGNETIC DIMMABLE CLASS 2 LED DRIVER

MECHANICAL DIAGRAM

