

MD-SERIES

MAGNETIC DIMMABLE LED DRIVER







P/N: MD-300-12

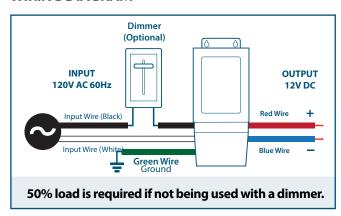


KLUS - MD-300-12 is the most compact LED driver on the market with a magnetic transformer core. It is equipped with two push-to-reset circuit breakers on the input and output, which protect both the load and driver. The driver is encased in a coated metal box that includes 2 knock-outs on the bottom 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 | 300W | 12VDC | 20.8 A | > 90% | > 0.93 | NEMA 3R | 140oz |

WIRING DIAGRAM

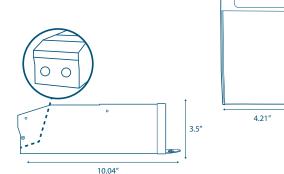


ENCLOSURE DETAILS In. (mm)

| Length | 10.04 (255.1) | | |
|--------|---------------|--|--|
| Width | 4.21 (107) | | |
| Height | 3.5 (88.8) | | |

FEATURES

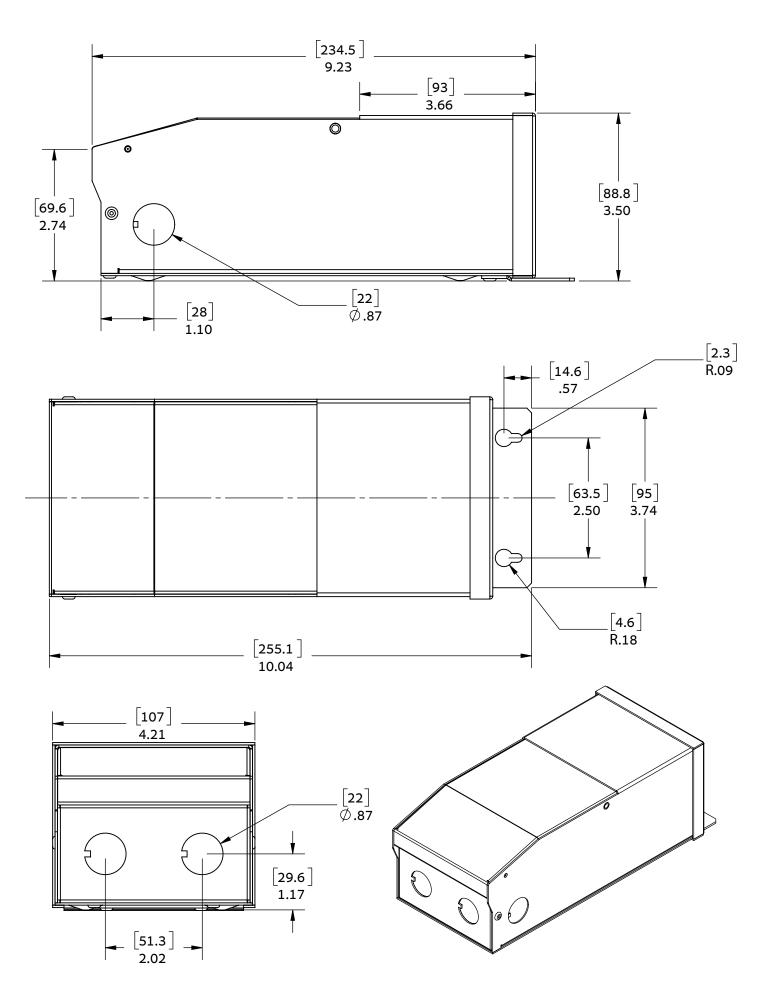
- Dimmable with any standard MLV/Incandescent TRIAC- (Leading edge) dimmer switch
- Dual protection two manual push-to-reset circuit breakers on the primary and secondary sides
- Low operating temperature
- Nema 3R Outdoor Use
- Two bottom knock-outs
- Optional 10% voltage boost to compensate for voltage drop
- ETL Listed
- Certified to CSA Standard



SPECIFICATIONS

| Input | |
|--|-------------------------------------|
| Input Voltage | 120VAC |
| Input Current @ Max Load | 2.86 A |
| Power Factor | 0.93 |
| Efficiency | > 90% |
| Output | |
| Max Load | 300W |
| Output Voltage | 11.6 VDC |
| Output Current @ Max Load | 20.8 A |
| Open Circuit Output Voltage | 12.4 VDC |
| 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 push to reset |
| Mechanical & Housing | |
| Leads Primary | PVC 600V #18 |
| Leads Secondary | PVC 300V #12 |
| Length | 10.04 (255.1mm) |
| Width | 4.21" (107mm) |
| Height | 3.5" (88.8mm) |
| Weight | 140oz |
| Housing Material | Coated metal |
| Housing Color | Black |
| Junction Box | Yes |
| Mounting | Two Hole flange mounting |
| • | 3 |
| Approval Markings | |

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