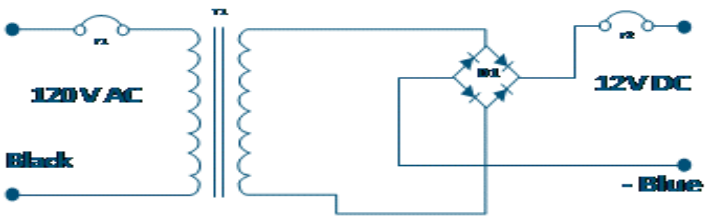
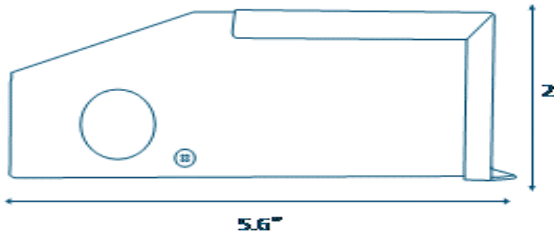
# 12V Magnetic DC LED Driver 20/40/60/100/150/200/300 W

## DESCRIPTION

12V Magnetic LED driver 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.

## SPECIFICATION

| Model | 20W | 40W | 60W | 100W | 150W | 200W | 300W |
|---|---|---|---|---|---|---|---|
| Input Voltage | 120VAC | | | | | | |
| Input Current @ Max Load | 310mA | 510mA | 760mA | 1.33A | 1.95A | 2.13A | 2.86A |
| Out Put Voltage @max Load | 11.1VDC | 11.1VDC | 10.8VDC | 11VDC | 11VDC | 11VDC | 11VDC |
| Out Put Current @ Max load | 1.9A | 3.96A | 5A | 10.76 | 13.3A | 15.6A | 20.8A |
| Out Put Power (Max Load) | 20W | 40W | 60W | 100W | 150W | 200W | 300W |
| Open circuit output voltage | 12.4VDC | 12.8VDC | 12.5VDC | 12.8VDC | 13.3VDC | 12.9V | 12.4VDC |
| Power factor | 0.81 | 0.88 | 0.84 | 0.93 | 0.93 | 0.92 | 0.93 |
| Efficiency | 74% | >79% | >80% | >81% | >80% | >88% | 90% |
| Coil Former | Double Section Bobbin | | | | | | |
| Min. Installation Space Between Drivers | 5” | | | | | | |
| Operating Temperature | -30°C to 45°C | | | | | | |
| Thermal Class | B130 C | | | | | | |
| Leads Primary | PVC 600V #20 | | | | | | |
| Leads Secondary | PVC 300V #16 | | | | | | |
| Circuit Breaker | primary and secondary auto reset | | | | | | |
| Input Wire (W/B) | 18 AWG | | | | | | |
| Output Wire (R/B) | 14 AWG | | | | | | |
| Dimension | 5.6 “ x 2 “ x 2.14 “ | | 6.5X2.24”X2.55 | 9.8”X3”X3 “ | | | 9.8”X4.2”X3.5” |
| Weight | 35 Oz. | | 50 Oz | 87Oz | | | 140 Oz |