



Antron Electronics Co.,LTD  
安雄電子股份有限公司

# Constant Voltage LED Driver



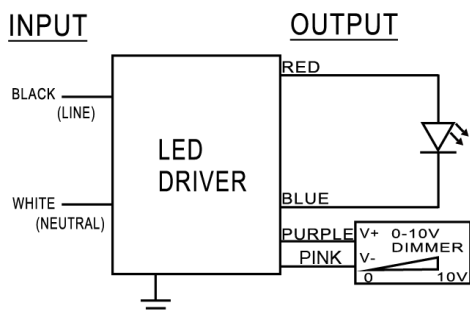
|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | AV48S150D                                                                       |
| Output Mode     | Constant Voltage                                                                |
| Input Voltage   | 120-277 Vac                                                                     |
| Input Frequency | 50/60 Hz                                                                        |
| Dimming         | 3 in 1 ( PWM, 1-10V, Resistance)<br>Dimming: 10-100%                            |
| Surge Rating    | 2KV                                                                             |
| Warranty        | 5 Years $TC \leq 75^{\circ}C$<br>3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$ |

## Product Specification



| Output Power (W) | Output Voltage (V) | Output Current (A) | Start Temp. (°F/°C) | Tcase Temp. (°F/°C) | Input Current (A)      | Input Power (W) | Inrush Current (A) | THD (%) | Power Factor | Efficiency (%) |
|------------------|--------------------|--------------------|---------------------|---------------------|------------------------|-----------------|--------------------|---------|--------------|----------------|
| Max. 150         | 48                 | 0.312-3.12         | Min -40/-40         | Max. 194/90         | 1.48@120V<br>0.62@277V | 163             | Max. 45            | Max. 20 | Min. 0.9     | Typ. 91        |

## Wire Diagram



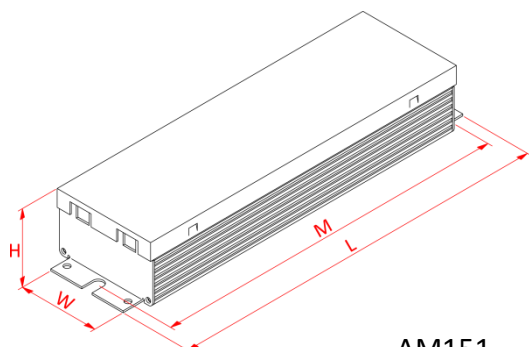
Maximum Wiring Distance (at full load) is 18AWG/18Feet

LED case should be grounded

The driver is suitable for pure LED load only

| Lead Length | Inch | Cm   |
|-------------|------|------|
| Black       | 6    | 15.2 |
| White       | 6    | 15.2 |
| Green       | NA   | NA   |
| Red         | 6    | 15.2 |
| Blue        | 6    | 15.2 |
| Purple      | 7.1  | 18   |
| Pink        | 7.1  | 18   |

## Enclosure



AM151

| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 9.5  | 24.1 |
| Width(W)    | 2.6  | 6.6  |
| Height(H)   | 1.6  | 4.05 |
| Mounting(M) | 8.9  | 22.6 |