



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

# Constant Voltage LED Driver



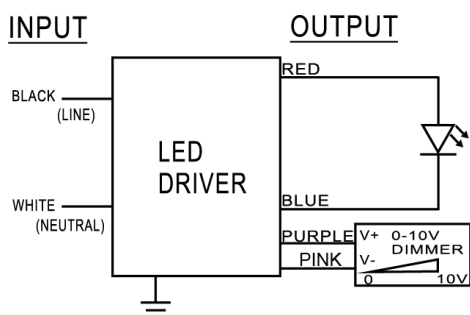
|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | AV24S60D                                                                        |
| 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. ( $^{\circ}F/^{\circ}C$ ) | Tcase Temp. ( $^{\circ}F/^{\circ}C$ ) | Input Current (A)     | Input Power (W) | Inrush Current (A) | THD (%) | Power Factor | Efficiency (%) |
|------------------|--------------------|--------------------|---------------------------------------|---------------------------------------|-----------------------|-----------------|--------------------|---------|--------------|----------------|
| Max. 60          | 24                 | 0.25-2.5           | Min. -40/-40                          | Max. 194/90                           | 0.6@120V<br>0.26@277V | 70              | Max. 30            | Max. 20 | Min. 0.9     | Typ. 86        |

## Wire Diagram



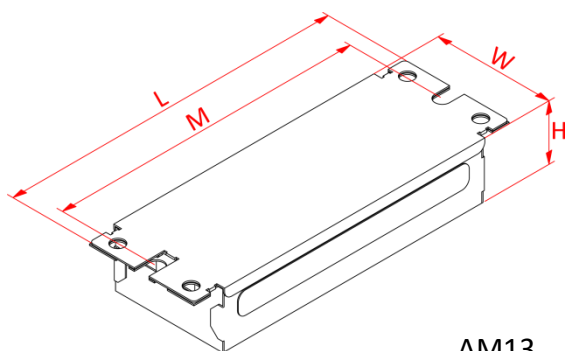
Maximum Wiring Distance (at full load) is 18AWG/18Feet

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



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| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 6.7  | 17.2 |
| Width(W)    | 2.4  | 6.1  |
| Height(H)   | 1.22 | 3.1  |
| Mounting(M) | 6.2  | 15.8 |