



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

# Constant Current LED Driver



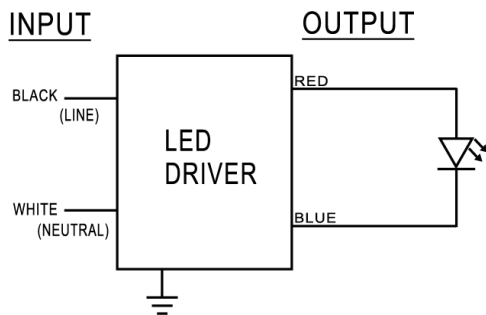
|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Model Name      | AC1050S5M                                                                       |
| Output Mode     | Constant Current                                                                |
| Input Voltage   | 120-277 Vac                                                                     |
| Input Frequency | 50/60 Hz                                                                        |
| Dimming         | NA                                                                              |
| 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



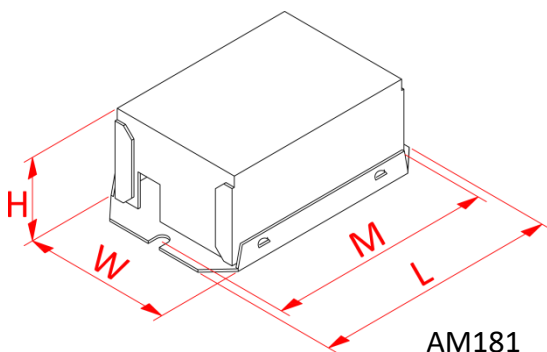
| Output Power (W) | Output Voltage (V) | Output Current (A) | Start Temp. ( $^{\circ}F/^{\circ}C$ ) | Tcase Temp. ( $^{\circ}F/^{\circ}C$ ) | Input Current (A)      | Input Power (W) | Inrush Current (A) | THD (%) | Power Factor | Efficiency (%) |
|------------------|--------------------|--------------------|---------------------------------------|---------------------------------------|------------------------|-----------------|--------------------|---------|--------------|----------------|
| Max. 5           | 3-5                | 1.05               | Min -40/-40                           | Max. 194/90                           | 0.07@120V<br>0.03@277V | 6               | Max. 20            | Max. 20 | Min. 0.9     | Typ. 77        |

## Wire Diagram



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

## Enclosure



| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 3    | 7.6  |
| Width(W)    | 1.81 | 4.6  |
| Height(H)   | 1.12 | 2.85 |
| Mounting(M) | 2.76 | 7    |