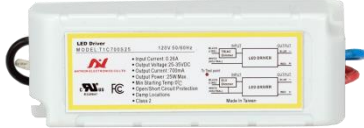




Antron Electronics Co.,LTD  
安雄電子股份有限公司

# Triac Dimming LED Driver



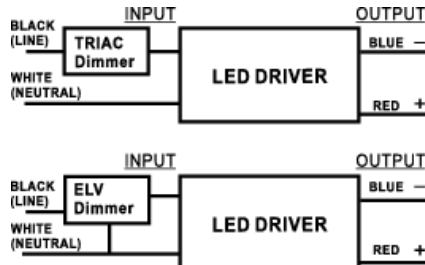
|                 |                            |
|-----------------|----------------------------|
| Model Name      | T1C500S18                  |
| Output Model    | Constant Current           |
| Input Voltage   | 120 Vac                    |
| Input Frequency | 50/60 Hz                   |
| Dimming         | Leading & Trailing Edge    |
| Surge Rating    | 1KV                        |
| Warranty        | 3 Years 0°C ≤ Temp. ≤ 50°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. 18          | 25-36              | 0.5                | Min 32/0            | Max. 122/50         | 0.18@120V         | 22              | Max. 20            | Max. 20 | Min. 0.9     | Typ. 83        |

## Wire Diagram

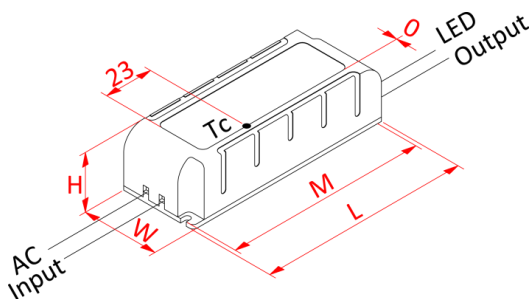


Maximum Wiring Distance (at full load) is 18AWG/18Feet

LED case should be grounded

| Lead Length | Inch | Cm |
|-------------|------|----|
| Black       | 5.9  | 15 |
| White       | 5.9  | 15 |
| Green       | NA   | NA |
| Red         | 5.9  | 15 |
| Blue        | 5.9  | 15 |

## Enclosure



AP26

| Enclosure   | Inch | Cm   |
|-------------|------|------|
| Length(L)   | 3.86 | 9.8  |
| Width(W)    | 1.46 | 3.7  |
| Height(H)   | 1.04 | 2.65 |
| Mounting(M) | 3.7  | 9.4  |

### Dimmer Compatibility Chart for 120VAC/60Hz

|         |          |         |            |        |            |
|---------|----------|---------|------------|--------|------------|
| LEVITON | 6633-PLW | LEVITON | RP106      | LUTRON | SF-103P-WH |
| LEVITON | No.6674  | LUTRON  | DVPDC-203P | LUTRON | NTLV-600   |
| LEVITON | 6615-POW | LUTRON  | DVCL-153P  | LUTRON | S-600P-WH  |

Published 2018/04/10

Revised 2020/01/02

www.antron.com.tw

Tel:886-6-726-3906/7

Fax:886-6-726-3908

info@antron.com.tw