

DLD 300W TRIAC DIMMABLE DRIVER

24V CONSTANT VOLTAGE | IP65

DLD300T-1H24V-0

DLD CONTRACT



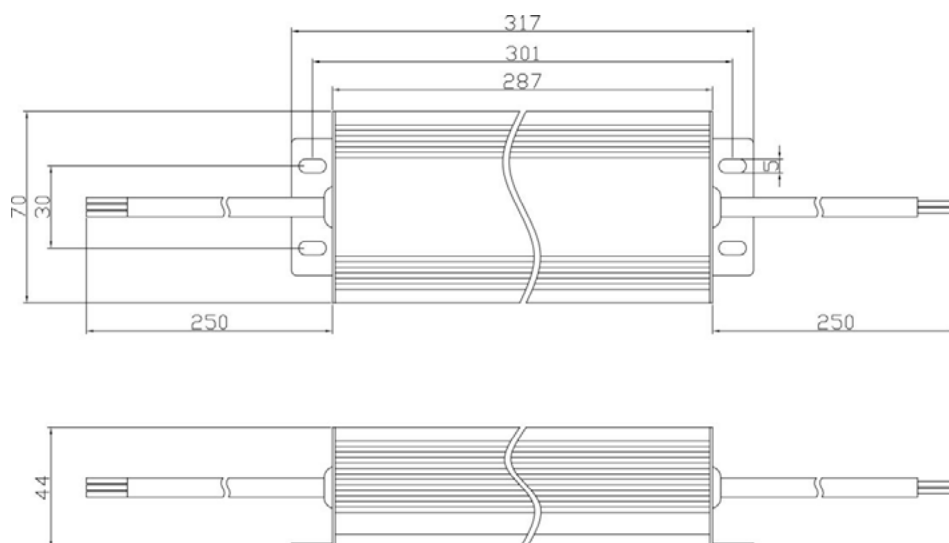
Dimensions

L.317mm W.70mm H.44mm



OVERVIEW

- Single channel constant voltage 24VDC output
- Supports Leading Edge (TRIAC) and Trailing Edge (ELV) dimmers
- Compatible with Philips, Panasonic, Lutron, Simon, ABB, Siemens, Dalitek, etc
- Smooth dimming curves, without flicker
- High efficiency up to 90%
- Protection: short circuit / over voltage / over load
- IP65, suitable for outdoor applications
- Dimming range from 40VAC to 240VAC



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TECHNICAL SPECIFICATIONS

| OUTPUT | |
|-----------------------|---|
| Channels | 1 |
| Voltage | 24VDC |
| Current | 12.5A |
| Power | 300W |
| Voltage accuracy | ±3% |
| R & N (max.) | 300mVp-p |
| INPUT | |
| Voltage | 200-240VAC |
| Frequency | 50/60Hz |
| Dimming voltage range | 40-240VAC |
| Efficiency | >90% @ 230VAC, full load |
| PF | >0.95% @ 230VAC, full load |
| THD | <15% @ 230VAC, full load |
| Current | 1.7A @ 230VAC |
| Inrush current | Cold start, 60A ($t_{width}=30\mu s$ measured at 50% I_{peak}) @ 230VAC |
| PROTECTION | |
| Short circuit | Close the output, restart to recover since fault condition is removed for 10s |
| Over voltage | Close the output, restart to recover since fault condition is removed for 10s |
| Over load | Hiccup, recovers after fault condition is removed |
| FUNCTION | |
| Dimming | TRIAC / ELV |
| MISC. | |
| Dimensions | L.317mm W.70mm H.44mm |
| Gross weight | 1500g |
| Working temperature | -20°C ~ 40°C |
| Relative humidity | 20~90% RH |

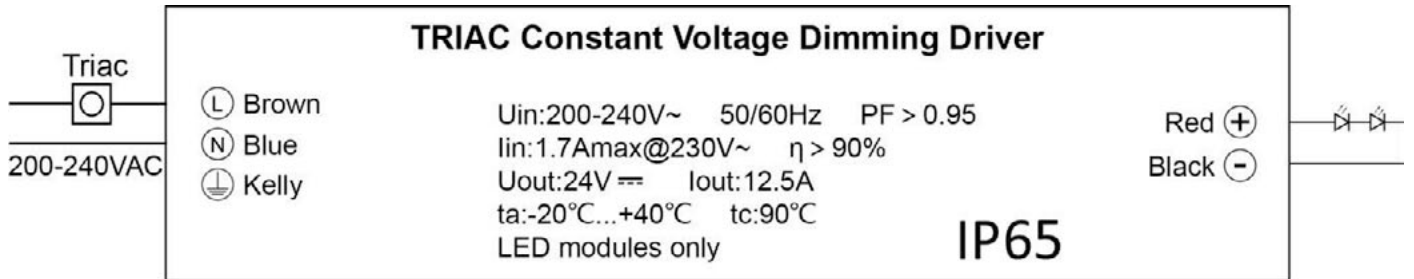
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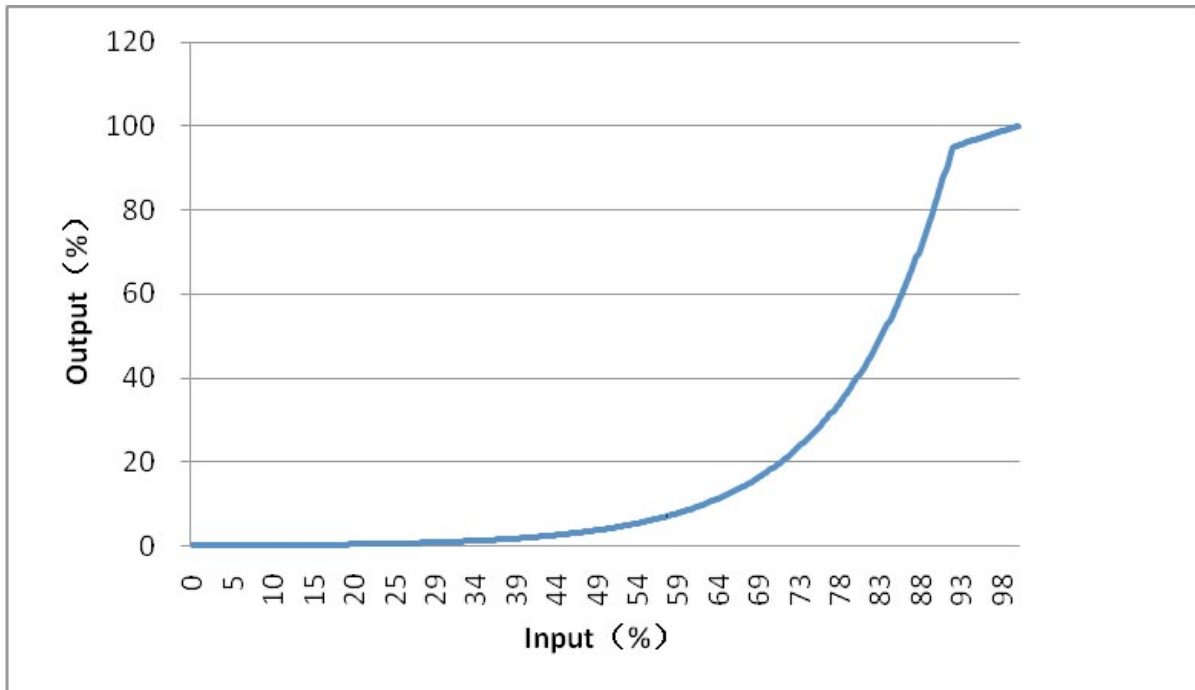
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WIRING DIAGRAM



DIMMING CURVE



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MISCELLEANEOUS

- The product shall be installed and serviced by a qualified person.
- This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
- Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current, and that the cable is secured tightly in the connector.
- Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

All the information in this document is provided in good faith. DLD Contract will not be held responsible for any losses due to inaccuracies within this document.

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