

DLD 45W TRIAC DIMMABLE DRIVER

350 / 500 / 700 / 1050mA CONSTANT CURRENT
DLD45T-1WMC-0



Dimensions
L.137mm W.82mm H.31mm



OVERVIEW

- Single channel constant current output, selectable multilevel current by DIP switch
- Supports Leading Edge (TRIAC) and Trailing Edge (ELV) dimmers
- Smooth dimming curves, without flicker
- Protection: short circuit / over current
- IP20
- Excellent compatibility with major brand control systems
- Load range: 10% - 100%
- Dimming range: 1% to 100%
- Dimming voltage range: 40VAC to 240VAC

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TECHNICAL SPECIFICATIONS

OUTPUT				
Current	500mA	700mA	900mA	1050mA
Voltage	33-65VDC	33-65VDC	33-50VDC	33-42VDC
Rated power	32.5W	45.5W	45W	44.1W
Current accuracy	±5%			
Max. output voltage	84VDC			
Output LF current ripple	< 3% (<120 Hz)			
Channels	1			
INPUT				
Voltage	200-240VAC			
Frequency	50/60Hz			
Current	0.4A max. @ 230VAC			
Dimming voltage range	40-240VAC			
Power factor	≥ 0.5 @ 230VAC, full load			
Efficiency	87% @ 230VAC, full load			
Inrush current	20A @ 230VAC			
PROTECTION				
Short circuit	Hiccups, recovers automatically after fault condition removed			
Over current	Hiccups, recovers automatically after fault condition removed			
FUNCTION				
Dimming	TRIAC / ELV			
MISC.				
Dimensions	L.137mm W.82mm H.31mm			
Gross weight	225g			
Working temperature	-20°C ~ 40°C			
Relative humidity	20~90% RH			

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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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