

DLD 20W TRIAC DIMMABLE DRIVER

350 / 500 / 700mA CONSTANT CURRENT
DLD20T-1HMC-0

DLD

CONTRACT



Dimensions

L.150mm W.43mm H.29mm



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
- Class 2 power supply, full protective housing
- Protection: short circuit / over temp. / over load
- 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	350mA	500mA	700mA
Voltage	3-42VDC	3-40VDC	3-28VDC
Rated power	14.7W	20W	19.6W
Current accuracy	±5%		
Max. output voltage	48VDC		
Output LF current ripple	< 3% (<120 Hz)		
Channels	1		
INPUT			
Voltage	200-240VAC		
Frequency	50/60Hz		
Current	0.21A max. @ 230VAC		
Dimming voltage range	40-240VAC		
Power factor	> 0.5 @ 230VAC, full load		
Efficiency	82% @ 230VAC, full load		
Inrush current	Cold start, 15A ($t_{width}=22\mu s$ measured at 50% I_{peak}) @ 230VAC		
PROTECTION			
Short circuit	Close output, recovers automatically after fault is removed		
Over load	When output voltage is exceeded, the output current decreases and recovers automatically when the load is reduced		
Over temperature	Shut down the output, recovers automatically when temp. back to normal		
FUNCTION			
Dimming	TRIAC / ELV		
MISC.			
Dimensions	L.150mm W.43mm H.29mm		
Gross weight	130g		
Working temperature	-20°C ~ 50°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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