



**TRIAC LED Driver  
12W 12V IP20**

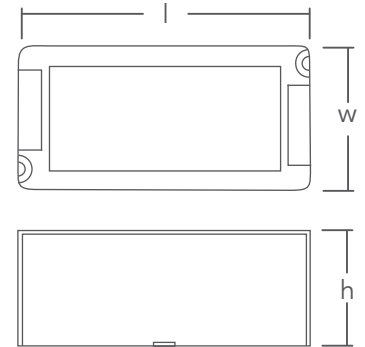


## PRODUCT HIGHLIGHTS

- ~ Single channel constant voltage, 12V DC output
- ~ Smooth dimming from 1% - 100%
- ~ No minimum load, maximum load up to 12W
- ~ Suitable for indoor LED retrofit lamps
- ~ No flickering or flash effect while dimming
- ~ No alteration to LED CRI while dimming
- ~ Specially designed for Leading edge (TRIAC) & Trailing edge (ELV) dimmers
- ~ Built-in overload & over voltage protection
- ~ Compact dimensions

## GENERAL CHARACTERISTICS

Product Reference	CVD12012T
Material	Plastic housing
Ambient Temperature	-20°C...+40°C
Ingress Protection	IP20
Dimensions (l x w x h)	73 x 36 x 29 mm
Weight	85 g



## ELECTRICAL CHARACTERISTICS

Input Voltage Range	200 - 240V AC
Mains Frequency	50-60Hz
Max. Input Power	12W
Input Current	0.13A @230V AC
Inrush Current	Cold Start 12A @230V AC
Power Factor	0.5
Efficiency (Typ.)	80%
Output Voltage	12V DC $\pm$ 3%
Output Current	1A
Ripple & Noise (max)	120mVp-p
Over Voltage	Shut down output, recovers after fault condition is removed
Over Power	Hiccup mode, recovers after fault condition is removed
Dimming Signal	Leading and Trailing edge dimmer