



**DALI LED Driver
12W 12V IP20**



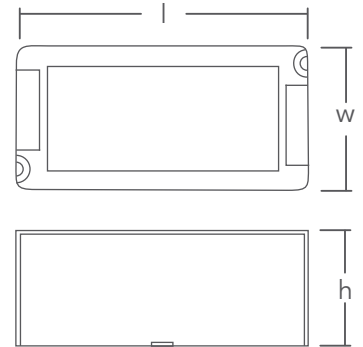
PRODUCT HIGHLIGHTS

- ~ Single channel constant voltage, 12V DC output
- ~ Smooth dimming. Dimming 1% - 100%
- ~ TouchDIM and Manual Dimming supported
- ~ Suitable for indoor LED retrofit lamps
- ~ No flickering or flash effect while dimming
- ~ No alteration to LED CRI while dimming
- ~ Built-in overload & over voltage protection
- ~ No minimum load, maximum load up to 12W
- ~ Built-in MCUs, customizable logarithmic curve and linear dimming curve
- ~ Specially designed for DALI based systems
- ~ Compact dimensions



GENERAL CHARACTERISTICS

Product Reference	CVD12012D
Material	Plastic case
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 @230V AC, full load
Efficiency (Typ.)	>80%, @230V AC, full load
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	DALI or TouchDIM input, PWM output