



CREO Light.
Light years ahead.



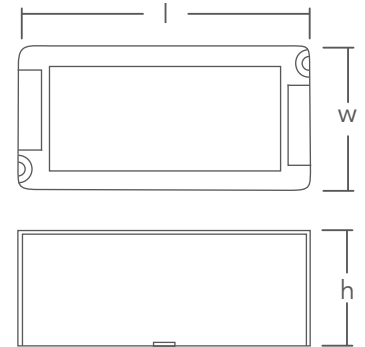
**1-10V LED Driver
12W 12V IP20**

PRODUCT HIGHLIGHTS

- ~ Single channel constant voltage, 12V DC output
- ~ Smooth dimming from 1% to 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 1-10V based lighting systems
- ~ Built-in overload & over voltage protection
- ~ Compact dimensions

GENERAL CHARACTERISTICS

Product Reference	CVD12012A
Material	PC housing
Ambient Temperature	-20°C...+45°C
Ingress Protection	IP20
Dimensions (l x w x h)	78 x 36 x 29 mm
Weight	85 g
Service Lifetime	30'000 hours



ELECTRICAL CHARACTERISTICS

Input Voltage Range	220 - 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%, @230V AC
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	0/1-10V