

General

Product Type	Constant Voltage Driver
Length (mm)	175
Width (mm)	44
Height (mm)	30
Housing Color	White
Housing Material	Plastic
Mounting	Surface mounted
Weight (g)	135
Wire Strip Length	5mm
Wire Type	2.5mm2

Electronics

Input Domain	DC
Input Voltage	12 ~ 24V DC
Output Voltage	12 ~ 24 V DC
Output Current (mA) max/output	12000
Output Current Max. (A)	12
Output Power (W)	144W @ 12V, 288W @ 24V
Power Supply	N/A
LED Outputs	1

Lighting

Color Range	Single Color
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Control

Output Signal	PWM-CV
Control	O-1OV
Dimming Range	0~100%
Number of Channels	1

Protection

Reverse Polarity	Yes
LED Output Short	Yes
Overload	Yes
Restart after Protection	Yes

Environmental

Operating Temperature	-30 ~ +55 °C	
Ingress Protection	TP20	

CE FC IP20 5 year warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.

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1-10V LED Dimming Driver

- Dimming interface: 0- 10V, 1- 10V, 10V PWM or push button
- PWM digital dimming, no alter LED color rendering index.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Max. current output: 12A.
- Short circuit / Over load protection.
- Full protective plastic housing.
- Suitable for indoor environments.











0- 144...288W 12-24Vdc 12A



Main Characteristics

Dimming Interface: 0- 10V, 1- 10V, 10V PWM or push button

Input Voltage: 12~24Vdc Output Voltage: 12~24Vdc Output 12A×1CH Max. Output Power:

0-144W...288W

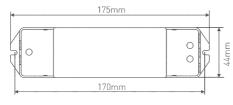
Dimming Range: 0~100%, LED start at 0.1% possible

Working Temperature: -30℃~55℃

Product Size: L175×W44×H30(mm) Package Size: L178×W48×H33(mm)

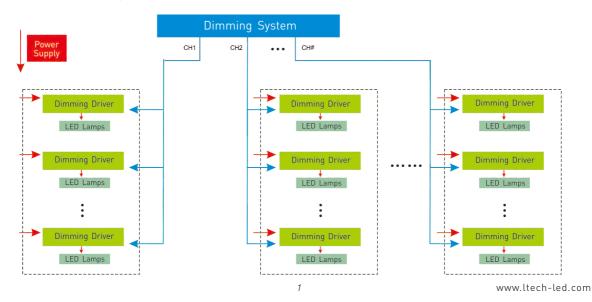
Weight(G.W.): 130q

Dimensions





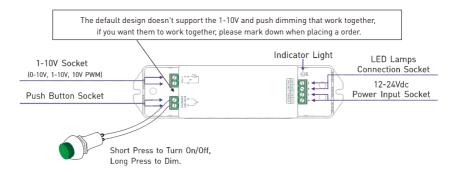
System Connection Diagram:



Connections







12V lamp connected, loads 0~144W(12V).

