



General

Product Type	Amplifier, Constant Voltage Driver,
Length (mm)	175
Width (mm)	44
Height (mm)	30
Housing Color	White
Housing Material	Plastic
Mounting	Surface mounted
Weight (g)	125

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	PWM
Number of Channels	1

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

CE 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.

LED Power Repeater

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

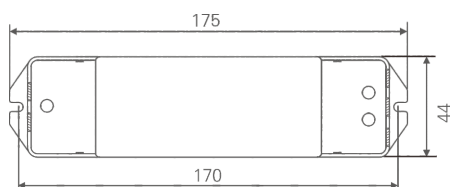
- Accept PWM control.
- LED lights would be twice as much by adding one more power repeater.
- Max. current output: 12A.
- Full protective plastic housing.
- Suitable for indoor environments.



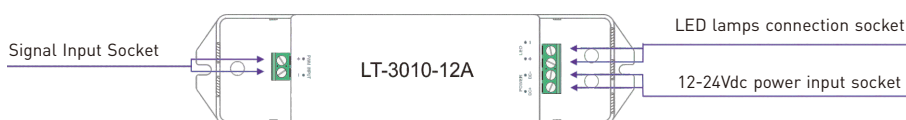
Main Characteristics

Input Signal:	PWM
Input Voltage:	12~24Vdc
Output Voltage:	12~24Vdc
Output	12A×1CH Max. 12A
Max. Output Power:	0-144W...288W(12V/24V)
Working Temperature:	-30℃~ 55℃
Product Size:	L175×W44×H30(mm)
Package Size:	L178×W48×H33(mm)
Weight(G.W.):	125g

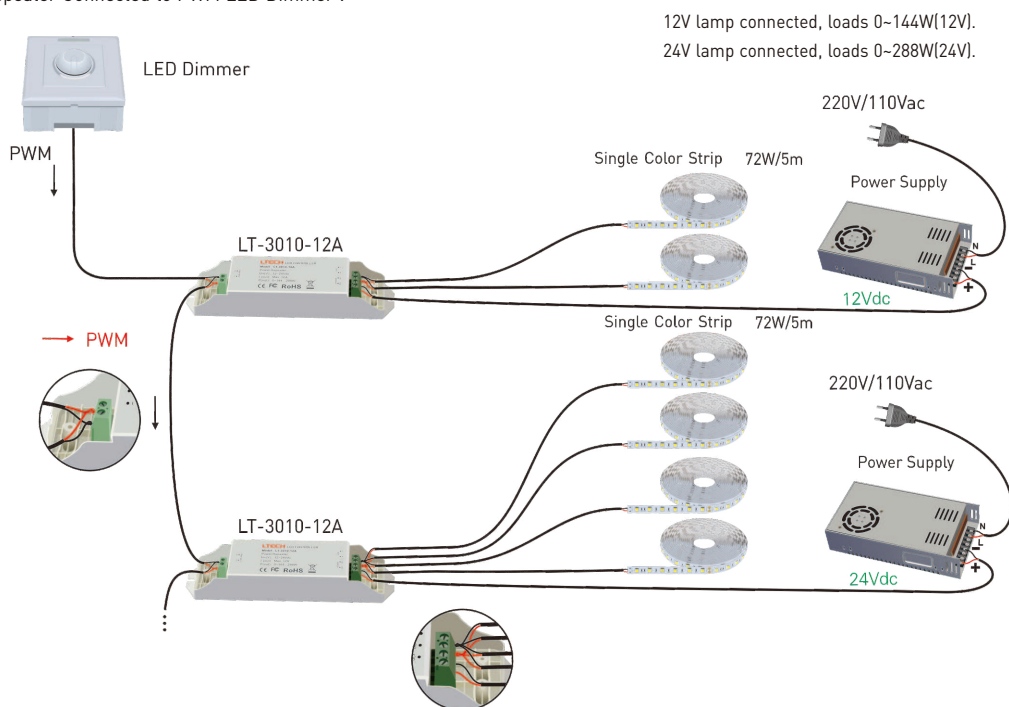
Dimensions



Terminal Description



Power Repeater Connected to PWM LED Dimmer :



12V lamp connected, loads 0~144W(12V).
24V lamp connected, loads 0~288W(24V).

Power Repeater Connected to LED Dimmer:

