



General

Product Type	Constant Voltage Driver, Amplifier,
Length (mm)	135
Width (mm)	30
Height (mm)	20
Housing Color	White
Housing Material	Plastic
Mounting	Surface mounted
Weight (g)	65

Electronics

Input Domain	DC
Input Voltage	12 ~ 24V DC
Output Voltage	12 ~ 24 V DC
Output Current (mA) max/output	8000
Output Current Max. (A)	8
Output Power (W)	96W @ 12V, 192W @ 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

Ingress Protection	IP20
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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.



LT-3010-8A CV Power Repeater



LED Power Repeater is suitable for all of our company's power-output style controllers' power expansion, it accepts PWM control, the control quantity of LED lights would be twice as much by adding one more power repeater, unlimited quantity of power repeater to be connected theoretically.

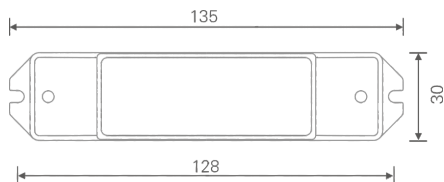
Signal input and output of LED power repeater have security protection function with photoelectricity isolation of 5KV.

1. Technical Specs

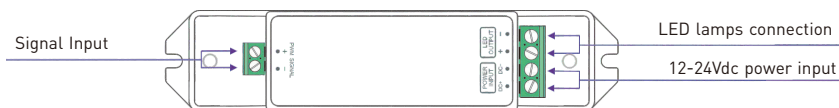
LT-3010-8A

Input Signal:	PWM	Working Temp.:	-30℃ ~55℃
Input Voltage:	12~24Vdc	Dimensions:	L135×W30×H20(mm)
Current Load:	8A × 1CH Max 8A	Package Size:	L140×W34×H23(mm)
Power Load:	Max. 96W/192W(12V/24V)	Weight [G.W.]:	65g

2. Product Size:



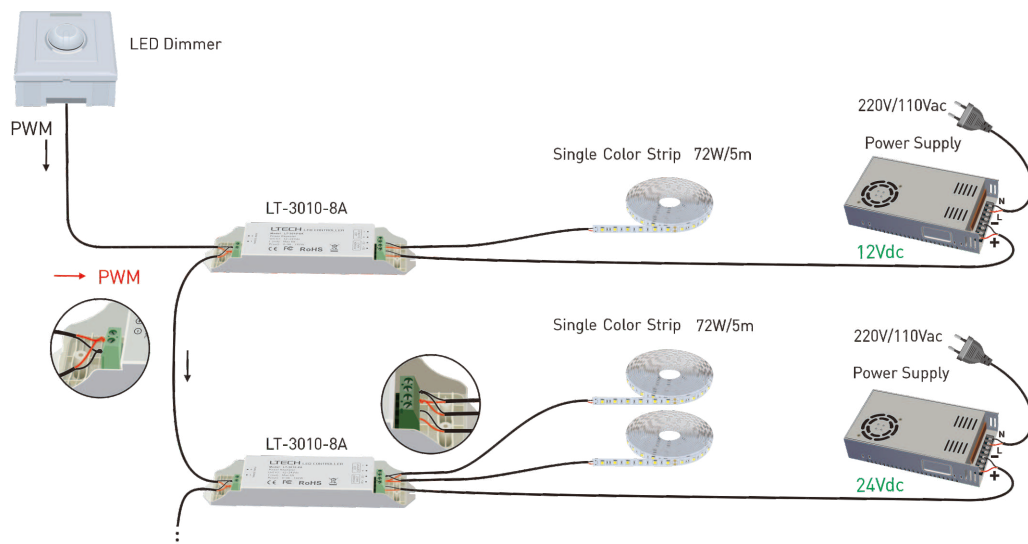
3. Terminal Description :



4. Wiring Diagram:

Power repeater connected to PWM LED dimmer :

12V lamp connected, loads 0~96W(12V).
24V lamp connected, loads 0~192W(24V).



Power repeater connected to LED dimming driver:

