



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)	140
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	5000
Output Current Max. (A)	20
Output Power (W)	480W @ 24V, 240W @ 12V
Power Supply	N/A
LED Outputs	4

Lighting

Color Range	Single Color
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Control

Output Signal	PWM-CV
Control	0-10V
Dimming Range	0-100%
Dimming Curve	Linear
Number of Channels	4

Protection

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

Environmental

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

CE FCC IP20 5year 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.

1-10V LED Dimming Driver

0~240...480W (0~5A)×4CH 12~24V

- Dimming interface: 0- 10V, 1- 10V, 10V PWM, push button.
- PWM digital dimming, no alter LED color rendering index.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Max. current output: 20A.
- Short circuit / Over load protection.
- Full protective plastic housing.
- Suitable for indoor environments.

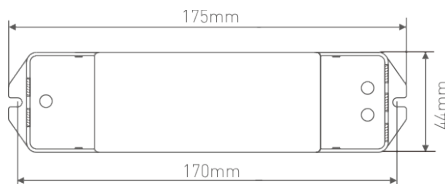


Main Characteristics

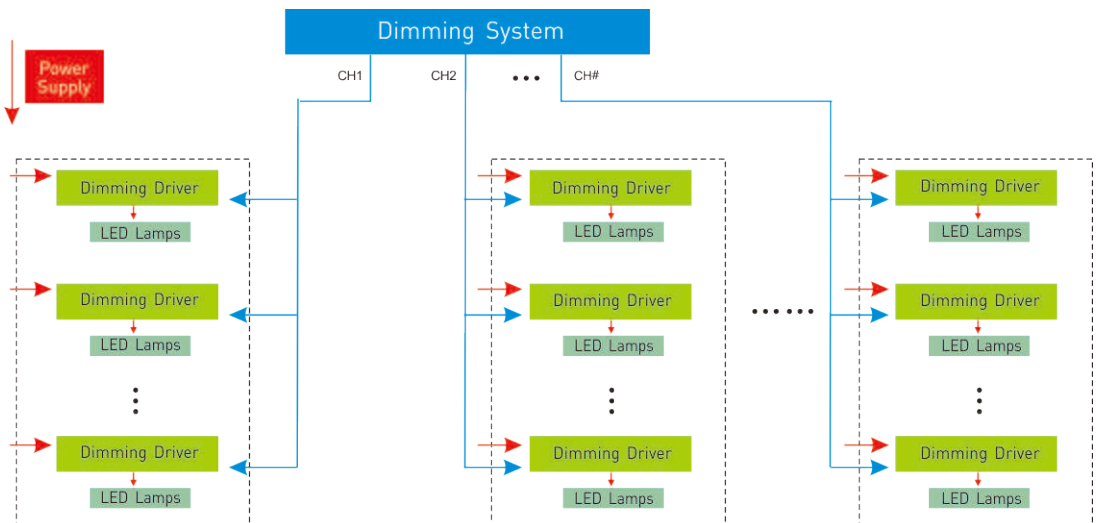
Dimming Interface: 0- 10V, 1- 10V, 10V PWM, push button
 Input Voltage: 12~24V DC
 Output Voltage: 12~24V DC
 Output: 5A×4CH Max. 20A
 Max. Output Power: 0~240W...480W

Dimming Range: 0~100%, LED start at 0.1% possible.
 Working Temperature: -30°C~55°C
 Product Size: L175×W44×H30(mm)
 Package Size: L178×W48×H33(mm)
 Weight(G.W.): 150g

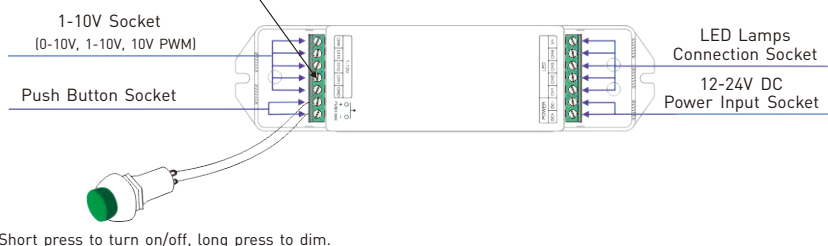
Dimensions



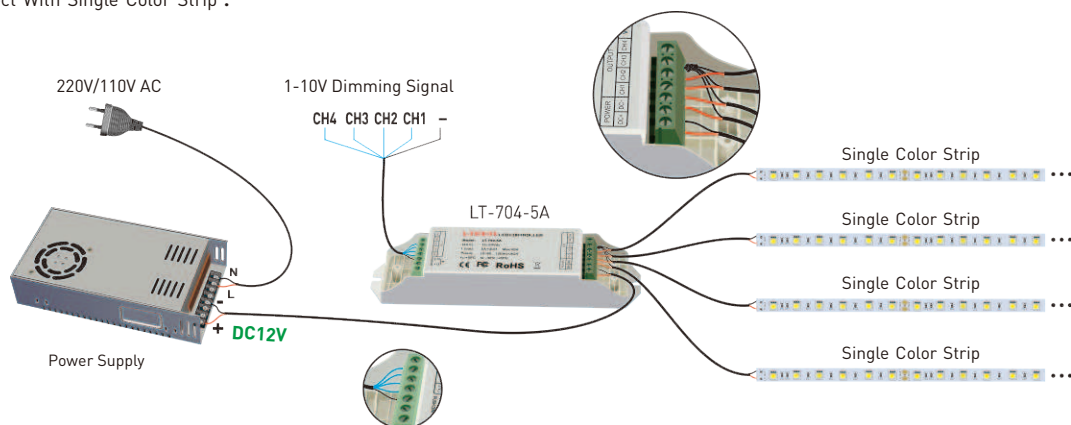
System Connection Diagram:



The default design doesn't support the 1-10V and push dimming that work together, if you want them to work together, please mark down when placing a order.



Connect With Single Color Strip :



Connect With RGBW Strip :

