

## General

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

### **Electronics**

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

## Lighting

Color Range Single Color

## Control

Output Signal	PWM-CV
Control	DALI
Dimming Range	0~100%
Dimming Curve	Logaritmic
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	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.



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# DALI LED Dimming Driver

- Dimming interface: DALI.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- OLED display, supporting auto-assigned/manul-input address,
- Dimming range: 0~100%, LED start at 0.1% possible.
- Max. current output: 12A.
- 0-10V output, DALI system compatible with 0-10V.
- Short circuit / Over load protection.
- Full protective plastic housing.
- DALI bus standard: IEC62386.
- Suitable for indoor environments.

#### 0~144...288W 0~12A 12~24V DC













#### Main Characteristics

Dimming Interface: DALI (IEC62386) Input Voltage: 12~24V DC

Output Voltage: 12~24V DC

Output: 12A×1CH+0-10Vx1CH

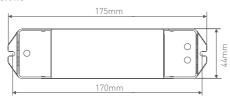
Max. Output Power: 0-144W...288W Dimming Range: 0~100%, LED start at 0.1% possible

Working Temperature: -30℃~55℃

Product Size: L175×W44×H30(mm) Package Size: L 178×W48×H33[mm]

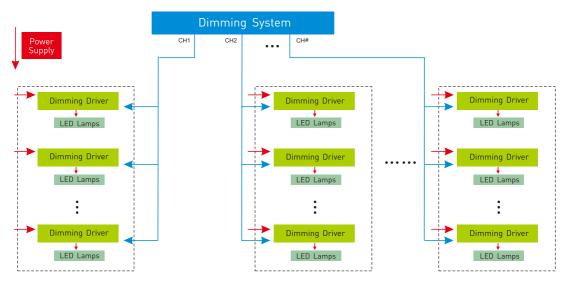
150g Weight(G.W.):

### **Dimensions**





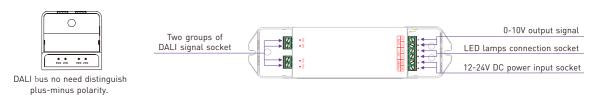
## System Connection Diagram:



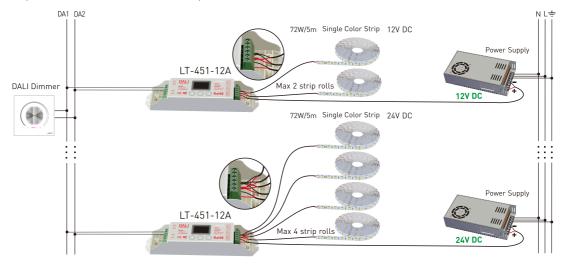
# Connections



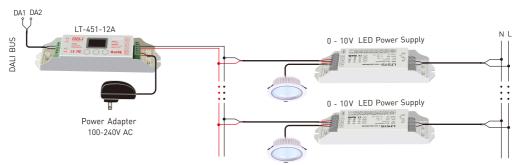




12V lamp connected, loads 0~144W(12V). 24V lamp connected, loads 0~288W(24V).



Providing DALI to 0-10V connect port, which is compatible to control 0-10V products in DALI control system, diagram example as below:



### **OLED Screen Interface Diagram:**

