



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
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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.



DALI LED Dimming Driver

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

- 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.

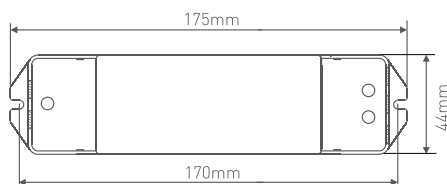


Main Characteristics

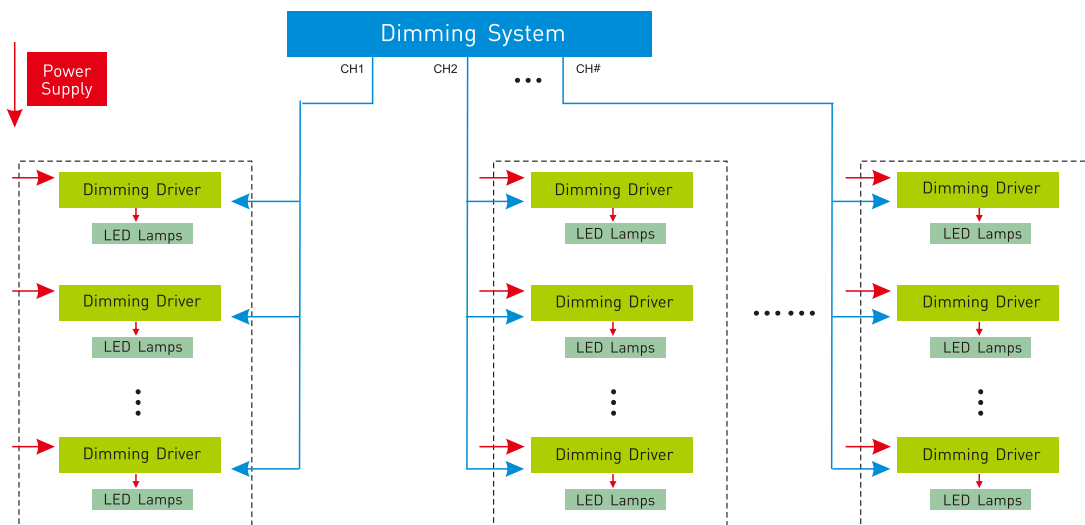
Dimming Interface: DALI (IEC62386)
 Input Voltage: 12~24V DC
 Output Voltage: 12~24V DC
 Output: 12A×1CH+0-10V×1CH
 Max. Output Power: 0-144W...288W

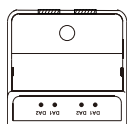
Dimming Range: 0~100%, LED start at 0.1% possible
 Working Temperature: -30℃~55℃
 Product Size: L175×W44×H30(mm)
 Package Size: L178×W48×H33(mm)
 Weight(G.W.): 150g

Dimensions

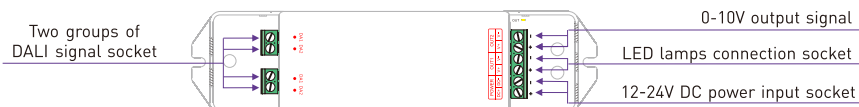


System Connection Diagram:

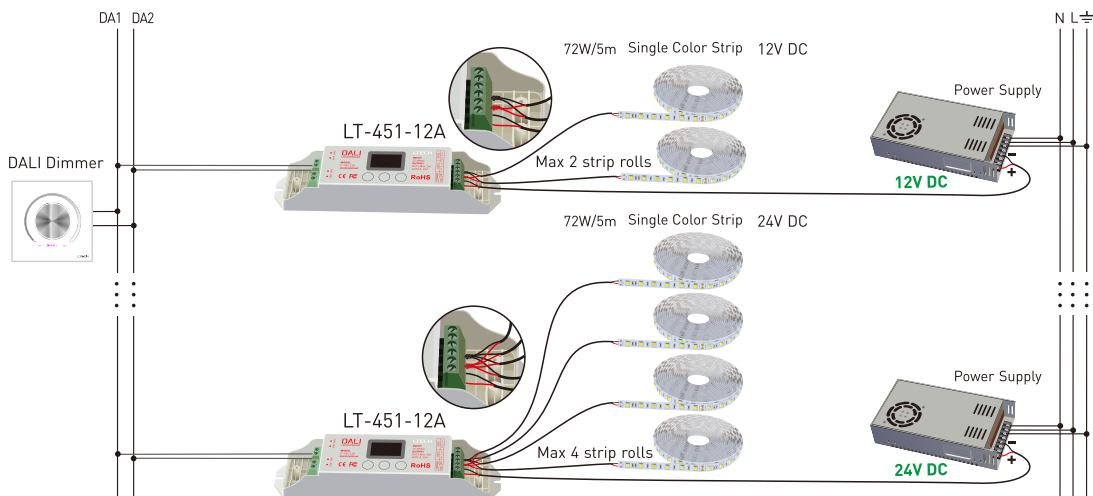




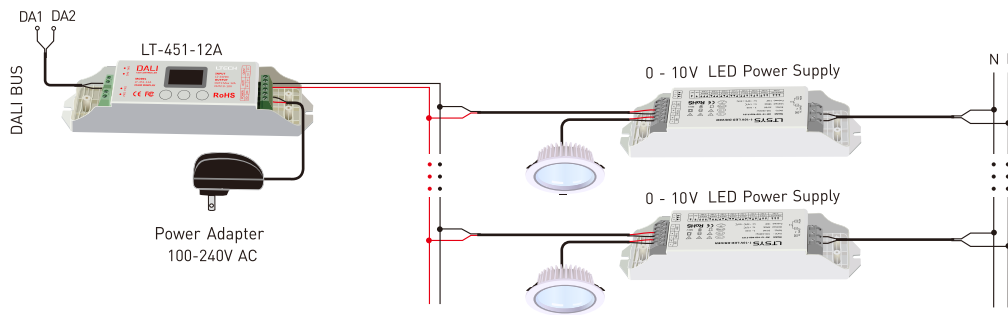
DALI bus no need distinguish plus-minus polarity.



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:

