



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)	240W @ 12V, 480W @ 24V
Power Supply	N/A
LED Outputs	4

Lighting

Color Range	RGBW
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Control

Output Signal	PWM-CV
Control	DALI
Dimming Range	0~100%
Dimming Curve	Logaritmik
Number of Channels	4

Protection

Reverse Polarity	Yes
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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

0~240...480W 0~20A 12~24Vdc

- Dimming interface: DALI, Push Dim.
- PWM digital dimming, standard DALI logarithmic dimming curve.
- Dimming range: 0~100%, LED start at 0.1% possible.
- 4CH isolated control output, Max. current output: 20A.
- Full protective plastic housing.
- DALI bus standard: IEC62386.
- Suitable for indoor environments.

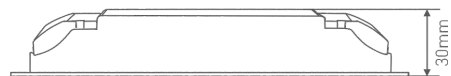
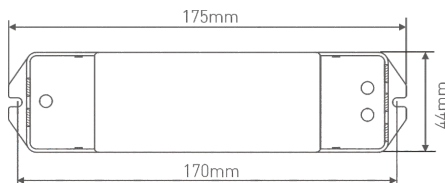


Main Characteristics

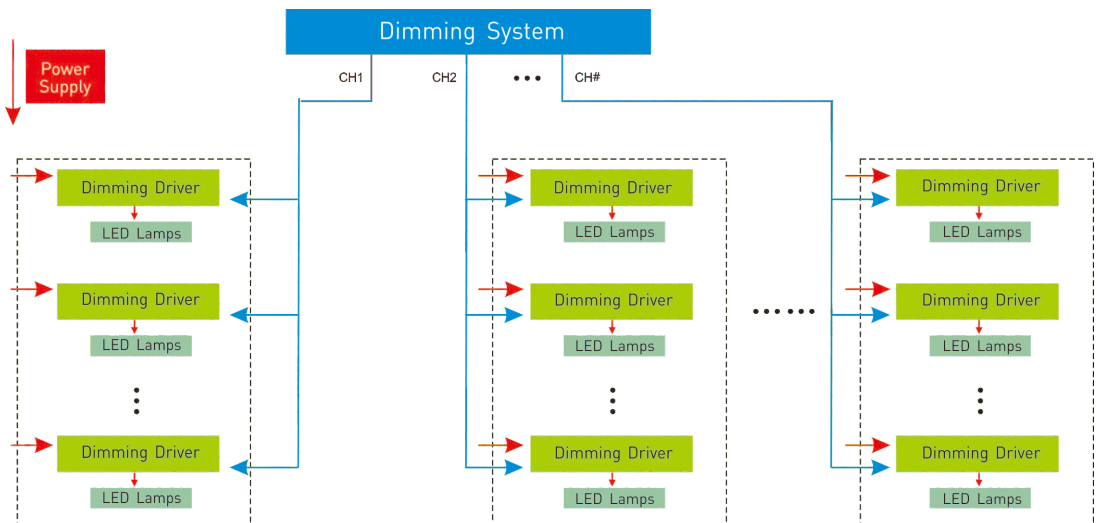
Dimming Interface: DALI, Push Dim
 Input Voltage: 12~24Vdc
 Output Voltage: 12~24Vdc
 Output: 5A×4CH Max. 20A
 Max. Output Power: 0~240W...480W

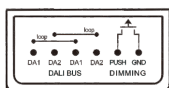
Dimming Range: 0~100%
 Working Temperature: -30°C~55°C
 Product Size: L175×W44×H30(mm)
 Package Size: L178×W48×H33(mm)
 Weight(G.W.): 135g

Dimensions

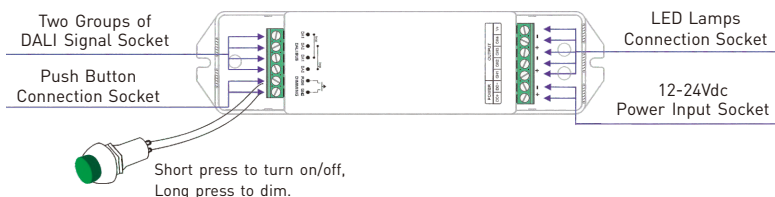


System Connection Diagram:





DALI bus no need distinguish plus-minus polarity.



Short press to turn on/off,
Long press to dim.

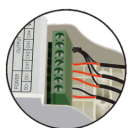
12V lamp connected, loads 0~240W(12V); 24V lamp connected, loads 0~480W(24V).

DA1 DA2

N L ±

12V strip connected, loads 0~240W(12V).

72W/5m
Single Color Strip



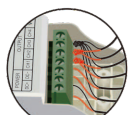
LT-404-5A



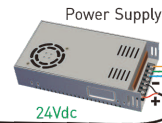
12Vdc

24V strip connected, loads 0~480W(24V).

72W/5m
Single Color Strip



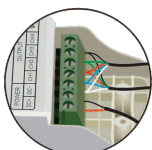
LT-404-5A



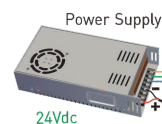
24Vdc

Connect with RGBW strip.

72W/5m
RGBW Strip



LT-404-5A



24Vdc