LD30 Installation

INSTRUCTIONS

Please read these Installation Instructions carefully before installing.

1) Check contents for completeness
   The product box should contain one item, the LED Driver, a 3 channel Dimming Control Module that incorporates a suitable 24VDC power supply for the 30 wattage.
   Contact your vendor if you need a 12VDC model.

2) The LED Driver you have purchased is a Class 2 device.

3) The LED Driver may be mounted with screws through screw holes in the 2 mounting flanges.
   The LED Driver may also be mounted in a suitable panel. If you are mounting the LED Driver in a panel, be sure not to close the panel with a metal lid, as this will impair the wireless signal.
   Plastic covers are fine.

4) The LED Driver is typically used to control RGB LED strips or CCT white tuning LED Strips. It can also be used to control a single channel LED strip of any color.
   The white tuning can be configured either for LED strips with 3 different White Temperature LEDS or for LED strips with 2 different White Temperature LEDs.
   You need to set up the driver in Composer for the application you are intending, more on that below.

5) The LED Driver can both tune the LED output and also dim to the desired brightness level.

6) The LED Driver can drive LED strips that match the power output voltage, in this case 24VDC.

7) You may plug in the power plug before or after you connect the LED Strip.
   If the LED Driver is hard to reach after connecting the LED Strip, we recommend you perform the network join function first before wiring up the LED Strip
   But if access is not an issue, we recommend connecting the LED Strip first.

8) On power-up you should see a green LED blink in a start-up sequence.
   See further instructions below on output wiring.

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INSTRUCTIONS CONTINUED

Please read these Installation Instructions carefully.

9) You need to join the LED Driver to the Control4 ZigBee network.
This process is very similar to other devices joining to the Control4 ZigBee network.
- In composer you install the driver for the LED Driver. Note: at this point the Axxess LED Driver expects OS3.3, for earlier version contact Snap One technical support.
- Open the Identify window,
- 4-tap the network button with use of a paper clip end and watch the LD30 identify. The network button hole is marked on the lid.
- If you need to disconnect the LED Driver from the network, tap the network button 13 times.

10) Output Wiring: The Output terminal block has 4 positions, marked + 1 2 3 printed onto the case. Match the + space to the LED strip +
The default channel set-up is as follows:
RGB Strip – 1: Red LED, 2: Green LED, 3: Blue LED
3-Channel Tunable White – 1: Warmest White LED, 2: Medium White LED, 3: Coolest White LED
2-Channel Tunable White - 1: Warmest White LED, 2: Coolest White LED, 3: Not Used
1-Channel LED – any Color – 1

11) Channels may be assigned differently in Composer. We suggest you work with the defaults if possible.

See the LD30 datasheet for limitations and other important parameters.