

3W LED Driver Dimmer for Luxeon White Green Blue User's Guide

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NOTES:

Product Version : Ver 1.1

Document Version : Ver 1.1

Chapter1.Overview and Main Feature

1.1 Product Top View

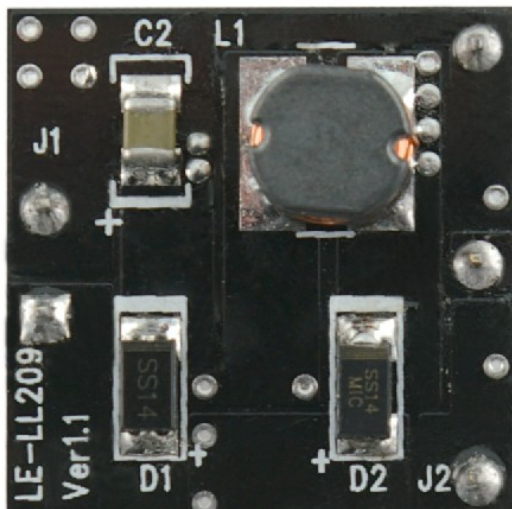


Figure 1

1.2 Electrical Characteristics

- Over 12 hours of test for all driving boards before shipment.
- Maximum output current: 700mA
- PWM dimming function
- Maximum Load: 1-4pcs Luxeon LEDs, no less than 3 Watt each.
- For example:

Qty	White LED X1	White LED X 2	White LED X3	White LED X4
Minimum Input voltage	6V	8V	12V	15V

- Preset Current: 700mA, range from 650-710mA.
- Current Ripple: 14mA RMS, 76mA p-p.
- Maximum Input Voltage: 15V DC.
- Suggested Input Voltage: 6-15V DC.
- Efficiency: 78% @ 15V input, 3*3W Luxeon LEDs in successive connection.

Overview and Main Feature

1.3 Physical Dimension

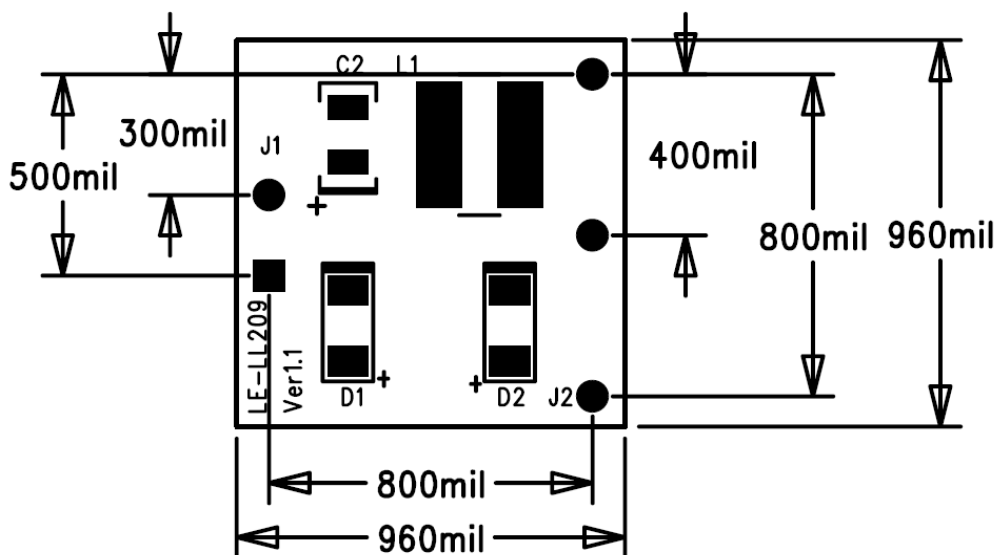


Figure 2

1.4 Port Definition

Pin Name	Description
VIN	Positive terminal for 6-15V DC power supply
GND	Power ground
LED+	Positive polarity of LED terminal
LED-	Negative polarity of LED terminal
EN	PWM terminal. When set to logic high or left floating active fully operational. If set to low the device will turn off current output

1.5 How to Connect Load

Suggested connection is shown in Figure 3.



Figure 3 (Viewed from inductor installation side)

Notice:

Negative (LED -) output should be connected to GND or the housing of your instrument.

Chapter2.Contact Us

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