

TLD-RGBB-2 RGB HIGH SPEED POWER AMPLIFIER

Wiring Instructions

The TLD-RGBB-2 is a high speed, large current power amplifier suitable for PWM (pulse width modulation) control of The Lighting Division's RGB LED fixtures, (GCC). Utilizing a single amplifier with properly sized power supply boosts the maximum length of fixture runs. Multiple amplifiers can be added to extend fixture runs even longer and enables instantaneous reaction from the host controller. Please reference diagram for fixture configuration.

Technical parameters

Working temperature: -4 - 140 Fahrenheit

Working voltage: DC12V-24V

Signal voltage: DC12V-24V

Input signal: PWM dimming signal

Dimming range: 0.1%-100%

External dimension: **L** 5.75" x **W** 3" x **H** 7/8" inch

Connect terminal: Screw connect mode, terminal = 7mm

Output current: <24A

Output power: 24V: <576W



Connection Options

Flying leads - Wire ends are color matched and connected using wire nuts.

Pin Connection - Connect using supplied pin jumpers while matching up the white stripes which is the power side of the fixture.

The Lighting Division



Life In LED Light

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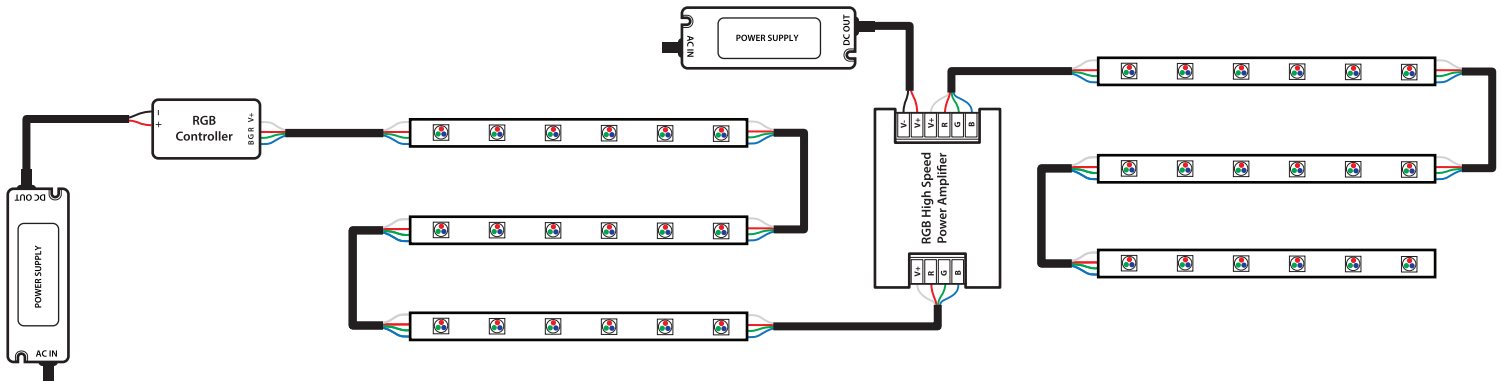


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imported parts

TLD-411-2-16

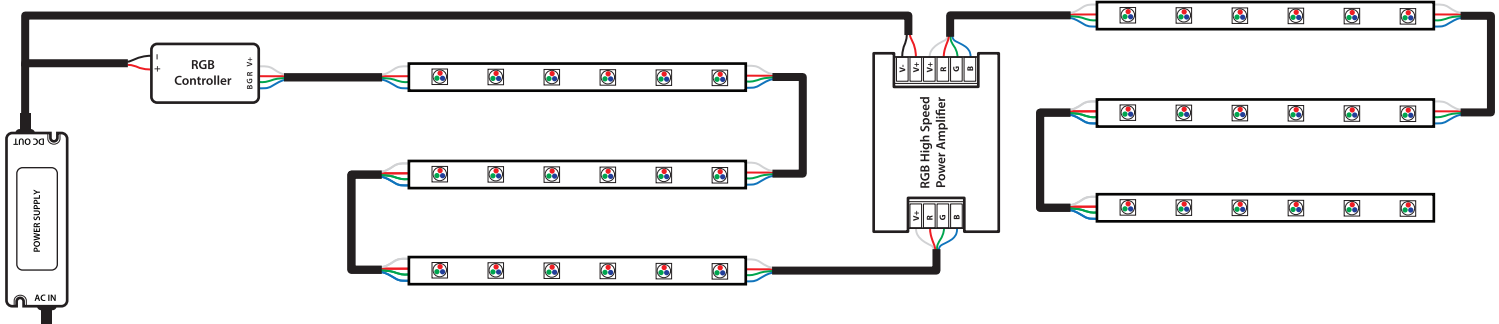
TLD-RGBB-2 RGB HIGH SPEED POWER AMPLIFIER Wiring Diagrams

Dual Power supply installation



For a daisy chain configuration
16ft is the max fixture length for
each RGB amp.

Single Power supply installation



For a daisy chain configuration
16ft is the max fixture length for
each RGB amp.

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