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.