

PURPOSE: This document provides wiring instructions specific for Metalumen Tunable White (TW) luminaires. Metalumen 0-10V tunable luminaires have two 0-10V control interfaces; one to control Intensity and a second to control the Color Temperature (CCT) of the luminaire.

IMPORTANT: This document is only intended to be used as a tunable white supplemental wiring guideline. Please ensure you follow the standard installation instructions for your specific luminaire.

WARNING: Risk of fire and electrical shock. **DISCONNECT POWER AT ELECTRICAL PANEL** before installing or servicing this product.

GENERAL SAFETY INSTRUCTIONS:

1. Read all instructions prior to installing this fixture.
2. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
3. All wiring must be performed by a qualified electrician in accordance with national and local building and electrical codes.
4. This fixture must be suitably grounded for your protection against shock hazards and to assure proper operation.
5. Make sure that the power source conforms to the requirements of this fixture.

STEP-BY-STEP INSTRUCTIONS

Refer to appropriate wiring diagram as per luminaire's specific driver location.

For luminaires with Integral Drivers:

1. Identify the wires coming out of the luminaire (see WIRING DIAGRAMS)
2. Connect the Line, Neutral, and Ground wires.
3. For a **hard wire**;,
 - a. Connect DIM (+) and DIM (-) to a 0-10V dimming switch for intensity control.
 - b. Connect CCT MIX (+) and CCT MIX (-) to another 0-10V dimming switch for colour tuning

IMPORTANT: When connecting multiple 0-10V loads to a dimmer, be sure to check the dimmer maximum current rating to ensure the dimmer will not be overloaded.

4. For a **power cord**;

Specifications and design subject to change without notice.

- a. connect DIM (+) and DIM (-)/CCT Mix (-) to a 0-10V dimming switch for intensity control.
- b. Connect CCT MIX (+) and DIM (-)/CCT MIX (-) to another 0-10V dimming switch for colour tuning

For luminaires with Remote Drivers (BB Box):

Connections To Remote Driver BB Box/Enclosure:

1. Identify the wires coming out of the remote driver enclosure (see WIRING DIAGRAMS)
2. Connect the Line, Neutral, and Ground wires.
3. For a **hard wire**,
 - a. Connect DIM (+) and DIM (-) to a 0-10V dimming switch for intensity control.
 - b. Connect CCT MIX (+) and CCT MIX (-) to another 0-10V dimming switch for colour tuning

IMPORTANT: When connecting multiple 0-10V loads to a dimmer, be sure to check the dimmer maximum current rating to ensure the dimmer will not be overloaded.

4. For a **power cord**,
 - a. Connect DIM (+) and DIM (-)/CCT Mix (-) to a 0-10V dimming switch for intensity control.
 - b. Connect CCT MIX (+) and DIM (-)/CCT MIX (-) to another 0-10V dimming switch for colour tuning

Connections From Remote Driver BB Box/Enclosure To The Luminaire:

1. Match and connect the wires between the remote driver and the fixture as per wiring diagrams.

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WIRING DIAGRAMS

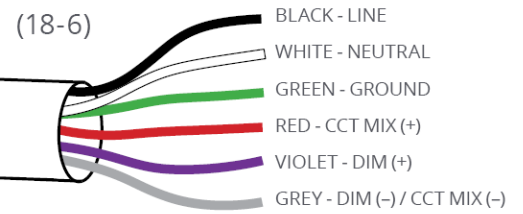
LUMINAIRE WITH INTEGRAL DRIVER

LINE VOLTAGE/CONTROL TO LUMINAIRE

HARD WIRE



POWER CORD



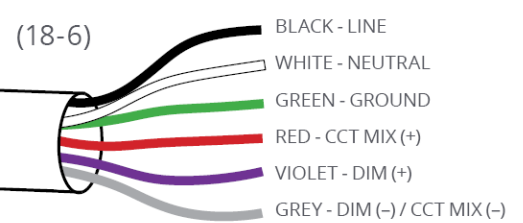
LUMINAIRE WITH REMOTE DRIVER (BB BOX)

LINE VOLTAGE/CONTROL TO REMOTE DRIVER (BB BOX)

HARD WIRE

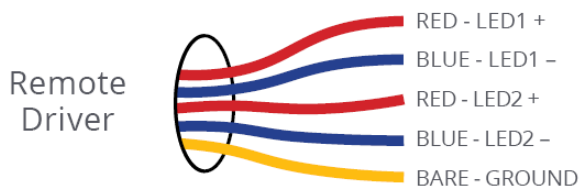


POWER CORD



REMOTE DRIVER (BB BOX) TO LUMINAIRE

HARD WIRE



CORD



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