



TT2000A

Light Level Sensor

Description

The TT2000A light level sensor is designed to provide precise measurement of outdoor ambient light level. The light level measured is converted to an analog signal that is sent back to the controller. This allows the lighting controller to control inside lighting by switching banks of lights on and off or overriding outside lights in the event of overcast skies or darkening conditions. The TT2000A provides a continuous signal which can also be used by electronic dimming ballasts in fluorescent fixture.

The TT2000A features:

- 1 to 5 VDC output
- 0 to 500 FC range
- Weatherproof, watertight enclosure
- Optimum flexibility and reliability
- One year warranty

Mounting

The TT2000A is designed with a 0.50" NPT nipple for easy mounting.

Wiring

Power/Output

NOTE: The TT2000A is powered using 5 to 24 VDC.

1. Connect the RED lead to the (+) terminal of the power supply or +P on the TCS lighting module.
2. Connect the BLACK lead to the (-) terminal of the controller or GND on the TCS lighting module.
3. Connect the WHITE lead to the input of the controller or IN1 on the TCS lighting module.

(see wiring diagram below)

Diagram #1: TT200A Wiring

