



## TT2000A

Light Level Sensor

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### Description

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The TT2000A light level sensor is designed to provide a precise 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

### Specifications

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#### General

**Accuracy:** +/- 5% of span @ 70°F (21°C)

**Sensor type:** Photo Diode

#### Environmental

**Operating temperature:** 14 to 176°F (-10 to 80°C)

**Operating humidity:** 0 to 100% RH,  
non-condensing

#### Electrical

**Supply voltage:** 5 to 24 VDC

**Output voltage:** 1 to 5 VDC

**Output offset:** 1 VDC (total darkness)

**Wiring:** (3) conductor, 24 AWG, stranded cable

**Red:** Power - DC input

**Black:** GND

**White:** VDC Output

Specifications subject to change without notice.

# Ordering Information

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Part No.	Descriptions
TT2000A	Outdoor Analog Light Sensor

## PL2000A Compatible Controllers

SL2105	Five Channel Lighting Control Module
SL2108	Eight Channel Lighting Control Module

# Dimensions

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Note: inches [mm]

TT2000A

