

## Turns Light on at Sunset and off at Midnight



## Saves 50% in Energy Costs Addresses Light Trespass Issues

High performance electronic photocontrol that turns the light on at sunset and turns the light off at the mid point of the night. It tracks the mid point in the night on a daily basis and automatically adjusts for the seasonal changes in sunrise and sunset.

Ideal for all areas where lights do not need to be on all night:

- Shopping Malls
- Super Markets
- Retail Outlets
- Sports Facilities
- Municipal and State Parks
- Landscape Lighting
- Bill Boards
- Single Shift Companies

**Specification:** 105-305 VAC, 1,000 watt/1,800 VA, Non-drift silicon light sensor.

**Mid-Night Tracker I (Model # MT-I):** Turn on at Sunset, Turn off at Midnight

**Mid-Night Tracker II (Model # MT-II):** Turn on at Sunset, Turn off at Midnight,  
Turn on Before 6:00 AM  
Turn off at Sunrise

# MT-Series

## MID-NIGHT TRACKER PHOTOCELL

### OPERATING SPECIFICATIONS

#### Operating Voltage:

<u>Model</u>	<u>Voltage</u>	<u>Color</u>
MT - I	105 - 305	Blue
MT - II	105 - 305	Blue

**MT - I On at Sunset, Off at Midnite**

**MT -II On at Sunset, of at Midnite, On Before 6:00AM, Off at Sunrise**

#### Load Rating:

1000 Watt tungsten, 1800 VA

#### Life at rated load:

5,000 Operations (13.7 Years)

#### Moisture Resistance:

100% RH.

#### Standard Surge Protections:

380 Joule (10,000 Amps) MOV.

#### Operating Light Levels:

+/- 0.1 fcs. from specified turn-on level.

1:1.5 Average turn-on to turn-off ratio.

#### Photosensor:

- Encapsulated phototransistor.

#### Dielectric Strength:

5,000 Volts between any current carrying part.

#### Ambient Temperature Range:

-40°C to +70°C (-40°F to + 158°F).

### CROSS REFERENCE

#### Sun - Tech

MT- I

MT-II

#### Dark to Light

DPN124

NONE

### ORDERING INFORMATION

#### MT - I

<u>Model #</u>	<u>Turn-On</u>	<u>Photosensor</u>	<u>Time Delay</u>	<u>Surge Protection</u>	<u>Color</u>
<u>MT</u> (105 - 305V)	<b>I</b> - (1.5 fcs on Off midnite)	Phototransistor	(3-5 Sec Delay)	380J MOV	*Blue (Other colors Available - Consult Factory)
	<b>II</b> - (1.5fcs on Off midnite, on Before 6am, OFF At Dawn)				

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