

Energy Saving Billboard Lighting Control System

Billboard Lighting Control System



For use on up to (2) 400 Watt lighting fixtures



Install with MidNight Tracker for use on up to (3) 400Watt lighting fixtures



Mounting receptacle for MidNight Tracker

- Turns Lights off at Midnight
- Automatically adjusts to seasonal changes
- One unit to replace standard photo control and time switch
- Reduce maintenance
- No programming required or reprogramming due to Daylight Savings Time changes
- Early morning turn on option
- No battery backup needed

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

OPERATING SPECIFICATIONS FOR MIDNIGHT TRACKER PHOTOCONTROL:

Operating Voltage:

Model	Voltage
MT-I	105 - 305
MT-II	105 - 305

Load Rating:

1000 Watt tungsten, 1800VA

Life at Rated Load:

5,000 Operations (13.7 years)

Standard Surge Protections:

- 380 Joule (10,000 Amps) MOV

Operating Light Levels:

1.5 +/- 0.1 fc.

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)

HIGH CAPACITY MULTIPLE RELAY:

Operating Voltage:

Model	Voltage	Contacts	AMP
FP271M	120	NO	30
FP272M	120	NC	30

Load Rating:

3000 Watt tungsten, 2400 HID ballast

Standard Surge Protections:

- 380 Joule (10,000 Amps) MOV

MOUNTING RECEPTACLE:

Operating Voltage:

Model	Voltage
FPS476-71	Up to 480V
FPS476-81	Up to 480V

Load Rating:

15A max tungsten, 15A max HID ballast

Ordering Information

Model #	Description
MT-I Mid-Night Tracker I	Turn on at Sunset, Turn off at Midnight
MT-II Mid-Night TrackerII	Turn on at Sunset, Turn off at Midnight, Turn onbefore 6:00am, Turn off at Sunrise
FPS476-71 Mounting Adapter	Twist -lock photocontrol mounting receptacle
FP271M High Capacity Lighting Relay with MOV	30 Amp Relay with Twistlock Mounting Receptacle