

# Dimming Control Guide

(for Atlas Shoebox Fixture)

ETG-SEN-7P-MV-DIM

(JL-242C)



## Product Summary:

- The dimming photocontroller is applicable to control any independent LED home/street lighting automatically in accordance with the ambient natural lighting level.
- This product is designed with microprocessor circuits with IR-filtered silicone sensor, a heavy duty surge protector (MOV) is provided to protect the lamp from inrush current as well as impulse by lightening.
- A preset 10 seconds time-delay prevents excessive operation due to spotlight or lightning during the night time.
- A heavy duty relay supports the work life of over 15,000 cycles.
- This product provides twist lock terminals and signal contacts meeting the requirements of ANSI C136.41-2013, as well as being listed by UL under the Standard for Plug-In, Locking Type Photocontrols for use with area lighting ANSI/UL773.

## Features:

- ANSI C136.41 - 2013 Twist Lock
- 0-10V Dimming
- Multi-Volts Application
- IP65 Ready / IP67 Optional
- 40kA Surge Protector Built-in
- IR Filtered Photodiode Sensor
- Midnight Dimming
- LED Decay Compensation Featured
- Fail-On Mode
- Polycarbonate enclosure with UV stabilizer

**Midnight Dimming** - Standard program for LED output lowered to a customized percentage to save power after midnight until about 1 hour before dawn, as well as reduce light pollution to environment.



**Technical Data:**

<b>Rated Voltage</b>	110-277VAC, 50/60Hz
<b>Applicable Voltage Range</b>	90-305VAC, 50/60Hz
<b>Rated Loading</b>	1000W Tungsten, 1800VA Ballast, 5A e-Ballast
<b>Power Consumption</b>	1.2W Average
<b>Typical On/Off Level</b>	50 Lux
<b>Typical Time Delay</b>	10 Sec
<b>Typical Surge Protection</b>	640 Joule / 40000 Amp
<b>Typical IP Protection</b>	IP65
<b>Dielectric Strength</b>	5000 Vrms
<b>Ambient Temp.</b>	-40 ~ +70 °C
<b>Related Humidity</b>	99%
<b>Overall Size</b>	84 ( Dia. ) x 86mm
<b>Weight Approx.</b>	200 gr