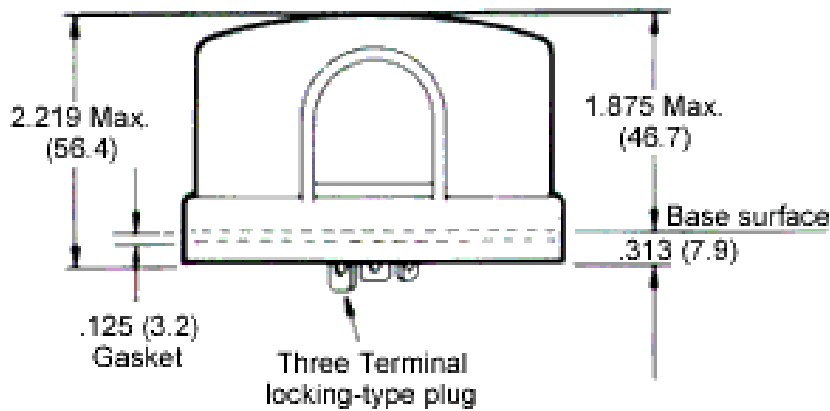




# LED Twist-Lock Style Photocell

CAT#: 39106



## Features:

- ANSI C136.10-2010 Twist Lock
- Multi-Volt Application
- Fully Customization Available
- High Surge Protection Built-In
- IR filtered Photo-diode Sensor
- Night Time Sleep Mode Available
- Fail-On / Fail-Off Modes Available

## Product Summary:

The 39106 photocontroller is applicable to control the street lighting, garden lighting, passage lighting and doorway lighting automatically in accordance with the ambient natural lighting level, and midnight sleeping timer settings.

This product is designed with microprocessor circuits with either sensors of CdS photocell, photodiode or IR-filtered phototransistor and a surge arrester (MOV) is provided. Its quicker response with time delay of 0-10 seconds for turning-on offers easy-to-test feature.

Further, a preset 5-20 seconds time-delay for turning-off might avoid mis-operation due to spotlight or lightning during the night time.

The HP version provides constant reliability as the relay has sufficient work life of over 50,000 cycles, and offers extra long work life when a metal Armor option is applied together.

This product meets the requirements of ANSI C136.10-2010 and the Standard for Plug-In, Locking Type Photocontrol for Use with Area Lighting UL773, Listed by UL for both US and Canada markets.

## Technical Data:

<b>Model</b>	<b>39106</b>	
<b>Rated Voltage</b>	120-277VAC	
<b>Applicable Voltage Range</b>	105-305VAC	
<b>Rated Frequency</b>	50/60Hz	
<b>Rated Loading</b>	F	8.3A Ballast, 8A E-Ballast@120VAC 3.6A Ballast, 3A E-Ballast@208-277VAC
	D	15A Ballast@120VAC 6.5A Ballast@208-277VAC
	S	1000W Tungsten, 1800VA Ballast 8A E-Ballast@120VAC 5A E-Ballast@208-277VAC
	HP	1800W Tungsten, 1800VA Ballast@120Vac 2000W Tungsten, 2000VA Ballast@208-277Vac
<b>Power Consumption</b>	0.5W [FDS] / 0.9W [HP]	
<b>Typical On/Off Level</b>	16Lx On / 24Lx Off	
<b>Ambient Temp.</b>	-40°F ~ +158°F	
<b>Related Humidity</b>	99% / 100% [IP67]	
<b>Overall Size</b>	3.31" (Dia.) x 2.60"	
<b>Weight Approx.</b>	.25LB [FDS] / .28LB [HP]	

## Installation:

Disconnect power; wire the receptacle according to the wiring schematic. Push the photocontroller on and twist it clockwise to lock it into the receptacle.

**Install the photocontroller with the Photocell facing the NORTH direction as indicated on the top of the photocontroller.** Adjust the receptacle position if necessary.

