

# Dimulator™ 4

Patent Pending

*Field  
Adjustable*



*Lights too Bright—Dim All Night*


## Proprietary Bat Circuit Is Blind To Artificial Light, Cycling and Unwanted Fixture Turn Off Eliminated

The DIM-4 is a Dusk-to-Dawn Twistlock Photocontrol that sends an LED dimming signal through an ANSI C136.41 compliant receptacle at MidNight. The DIM-4 is a Long Life Photocontrol.



### Dimulator 4 with Bat Circuit Technology

- Stand Alone Dimming Solution
- No Network Required
- Immediate Energy Savings
- Extend the life of the Fixture
- Works on any Dimmable LED Fixture
- Long Life Photocontrol features
- AM Ramp up to Full Brightness
- Robust Surge Protection - 40K Amp MOV/640Joule

 pending - consult factory

**FP** Outdoor Lighting Controls  
Quality Electrical Products

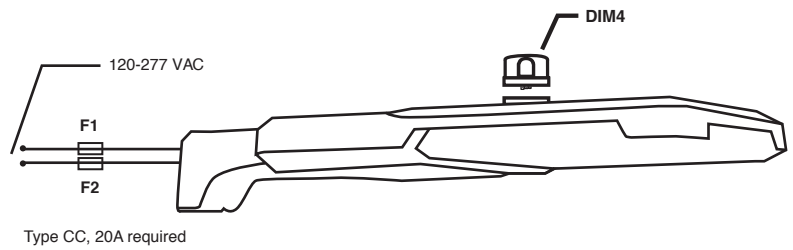
 **Sun - Tech**  
Sunrise Technologies, Inc.



# ANSI C136.41 Compliant Dimming Photocontrol

Unsurpassed construction, electrical, process, and environmental protections make the **Dimming Control** the highest grade twistlock photocontrol on the market today.

The stand alone unit is made to work with the **ANSI C136.41** receptacle and will provide dimming of LED fixtures.



## Dimming Photocontrol Electrical Information

<b>Load Rating</b>	1,000W/1,800 VA	15 Amp relay tested to 15,000 operations on maximum available LED or Induction load
<b>Operating Temperature</b>	-40°C to +70°C	(-40°F to +158°F)
<b>Surge Protection</b>	40,000 Amps	Single 640 Joule MOV
<b>Power Consumption</b>	<0.5 Watts	@ 120 V
<b>Dielectric Strength</b>	5,000 Volts	Between current carrying parts

## Dimming Photocontrol Mechanical Data

<b>Bat Circuit</b>	Blind to artificial light	<0.5% Drift over 10 Years
<b>Printed Circuit Board</b>	Moisture Repelant Glass Epoxy	0.35 Maximum Moisture
<b>Cover</b>	Black Polypropylene Blue for cUL unit	Field Proven Optimal Solution for Ultra Long Life
<b>Base</b>	Polycarbonate 140°C	UL94HB Flame Class Rating
<b>Gasket</b>	Neoprene	ASTM D 1056
<b>Operating Light Levels</b>	Turn-on: 1.5 FC, 1.5:1 Off/On Ration	+/- .25 FC, 3-5 Sec Turn-off Delay

## Model Numbers

<b>Operating Voltage Range</b>	DIM-4 105-305 VAC, 50/60 Hz
	DIM-4 - CUL 105-305 VAC, 50/60 Hz, Adjustable Control - Blue Cover

Consult Factory for Other Dimming Options

Three different Dim levels and times option setting selections on bottom base ten position trim pot.  
30%, 50%, and 70% dim levels.

Dim start at 10PM or Midnight or 2AM.

Priority algorithm adjusts for Seasons and Spring Ahead and Fall Back.

