



Dimulator™
Patent #9210746

The Stand-Alone LED Dimming Solution

 **No Wireless Network Required**

Simple, Easy to Deploy

- Saves power, saves money, quickly pays for itself
- Extends fixture life
- Advanced time/date algorithm auto-adjusts for daylight savings
- Just Twist, Lock and Dim - no wiring required!

Bat Eye Technology

- Advanced light sensor, only reacts to sunlight
- Immune to LED and other artificial light
- No false activations (no cycling)
- May be oriented in any direction

Patented Technology

- The only stand-alone dimming (non-wireless) photocontrol available in the market today.
- Patent #9210746



Optional Features

- Standard part-night scheduled dimming available
- Constant all night dimming option available
- Standard voltage for 120, 208, 240 & 277 VAC applications
- High voltage for 347 and 480 VAC applications
- 0-10 Vdc dimming
- DALI - D2 dimming with or without powered DALI bus

Unsurpassed construction, electrical, process, and environmental protections make this **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.

Reduce Light Trespassing
with the Dimulator



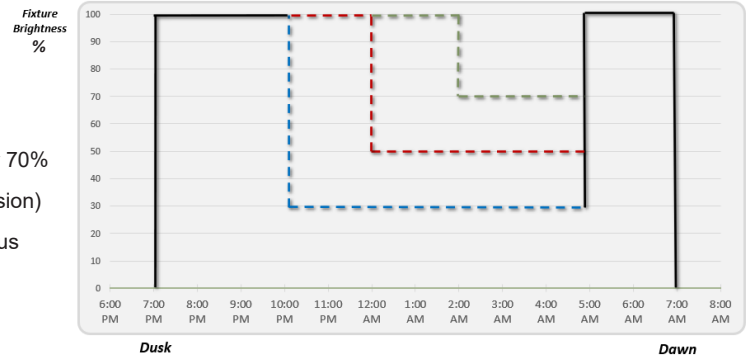


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Multiple Options Available:

- Standard version: Start dimming at 10pm, Midnight or 2am, at 30%, 50% or 70%
- Or, dim from Dusk to Dawn at 10% - 90% dimming level (Constant Dim version)
- Dim using 0-10Vdc dimming or DALI - D2 powered or non powered DALI bus

Standard 7-day Dimming Schedules Available



Dimming Photocontrol Electrical Information

Load Rating	1,000W/1,800 VA	15 Amp relay tested to 15,000 operations on maximum available LED or Induction load
Operating Temperature	-40°C to +70°C	(-40°F to +158°F)
Surge Protection	40,000 Amps	1520 Joule MOV protection
Power Consumption	<0.5 Watts	@ 120 V
Dimming Circuit	0-10 Vdc Class 1, or DALI - D2	Must be used with Dimmable LED Fixture
Dielectric Strength	5,000 Volts	Between current carrying parts

Dimming Photocontrol Mechanical Data

Bat Eye Technology	Light Sensor immune to artificial light	<0.5% Drift over 10 Years
Printed Circuit Board	Moisture Repellant Glass Epoxy	0.35 Maximum Moisture
Cover	Durable Polypropylene	Field Proven Optimal Solution for Ultra Long Life
Base	Polycarbonate 140°C	UL94HB Flame Class Rating
Gasket	Neoprene	ASTM D 1056
Operating Light Levels	Turn-on: 1.5 FC, 1.5:1 Off/On Ratio	+/- .25 FC, 3-5 Sec Turn-off Delay
Daylight Savings	Default = enabled	Daylight Savings can be disabled <i>please consult factory</i>

Model Numbers

DIM4 *	105-305 VAC, 50/60 Hz with 10 position field adjustable selector switch
DIM4-HV *	High Voltage 312-530 VAC, 50/60 Hz
DIM4-CD *	Constant all-night Dimming
DIM4-CUL *	120 VAC, 50/60 Hz, cUL certified version with gray cover
DIM3-XX *	Factory set dimming schedule (10 position selector switch not available)

* Add "-D" to the end of the part number for DALI with non powered DALI bus in luminaire (Dimulator will supply power to the DALI bus)
Add "-D-NP" to the end of the part number for DALI with powered DALI bus in luminaire (Dimulator will not supply power to the DALI bus)

Note: All Dimulators (except for CD versions) have three selectable dimming levels (30%, 50%, 70%) with three different start times (10:00 pm, Midnight or 2:00 am) which are settable through the ten-position selector switch located on the bottom of the base. All dimming schedules will return to full brightness at 5:00 am.