

# FLICKER FREE LED LIGHT DIMMER



PUTTING INNOVATION TO WORK

## PRECISE AND EASY MANAGEMENT OF YOUR POULTRY HOUSE LIGHTING FLICKER FREE | ENERGY EFFICIENT | EASY TO PROGRAM

### BENEFITS

- **FLICKER FREE lighting**
  - Calmer, healthier birds
  - **FLICKER FREE** even for your chickens
  - Truly smooth dusk to dawn transition
- **Precision control**
  - Designed to allow you to control and adjust the light duration and intensity from 0 to 100%
  - Extreme low light dimming. Encourages hens to return to the nest in cage free and enriched cage environments
- **Programmable**
  - Program up to 20 light periods AND up to 20 light peaks per period
- User friendly interface and menus
- Superior stability
- Master can be used as a slave to allow for outputs to be configured independently
- Energy Efficiency of 99.5%



### FEATURES

- Gradual increase and decrease in light intensity to simulate sunrise and sunset
- Minimum and maximum intensities can be specified as a percentage of full lamp intensity
- Real-time clock with backup battery to keep time in case of power failure
- Electronic bypass switches
- Displays current light intensity (in all models)
- Displays current time, day and period (master only)
- Controller will smooth sudden transitions in light intensity
- Temporary manual override feature reverts back to auto after a set time as a safety
- Lamp output activated by a customizable threshold value

### TECHNICAL DATA

POWER	
Voltage and operating frequency	85-145VAC, 50-60 Hz
INPUTS	
Analog input, AI1 & AI2	0-10VDC
OUTPUTS	
Variable output (A and B)	1000 W per output
Analog outputs AI1 & AI2 (in master mode)	0-10 VDC, source, maximum load: 10 mA



Successfully tested on dozens of different brands of bulbs/lighting. The Solo **FLICKER FREE** control has yet to come across a brand it can't dim from 0 to 100%!



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