

# Timed Part-Night Control

## Exclusive Features



**Zero Cross Switching Technology:**  
protects the device from inrush currents, commonly found in LED Luminaires.



**Intelligent Microprocessor:** assures advanced Performance & Reliability

## Self-Healing Relay

**SELF-Healing Relay:** allows unattended field restoration. Stuck relay contacts are a common failure point. Our Patent Pending technology actually works to un-stick the contacts, thus preventing wasted energy (day burners) and service calls. Tested at more than **325 years with a 1000 Watt Tungsten Lamp**



**3 Tier Power Supply Circuitry:**  
320 joule MOV rated @ 10,000 Amps for primary protection Dual Zener Diode for secondary protection. 3<sup>rd</sup> Layer of protection using a precision voltage regulator.



**Tru-Filter®:** spectral sensitivity matches that of the Human Eye; while competitor's Silicon Photodetector comes nowhere close.



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## Ripley's Exclusive

- Turns on at Dusk, Then Turns Off Half Way Through the Night (Percentage of the night)
- Convenient Energy management of Outdoor Lighting

RT8840	
Configuration	Factory setting turn off 50% of previous night* Custom settings are available
Nominal Voltage 60 Hz	120/208/240/277
Voltage Range	105—305
Fail Mode	On
Load Rating	1000 Watt Tungsten / 1800 VA Ballast
Operating Temperature	-40C to +70C (-40F to +158F)
Photocell	Infrared Filtering Silicon Phototransistor
Dielectric Strength	5000 Volts between current carrying parts and metal surfaces
Surge Protection	320 Joule MOV / 10,000 amp surge current
Power Consumption	0.5 watts @ 120 V
Time Delay Off (Instant On)	3 to 5 seconds
Operating Light Levels (Standard Settings)	Turn On 1.5 FC ± .25 / Turn Off by 3.0 FC (Off:On Ratio = 1:1)
ANSI Color Coded Cover	Black
Applicable with	 

**\*In the event of a power failure unit automatically defaults to 6 hour after dusk turn off for one cycle**

### Other Exclusive Features:

- High Performance Photocontrol specifically designed for Energy Management of Outdoor lighting
- A True Half Night Control
- Built on Ripley's Long Life Circuitry - Protection from High Inrush
- Approved for all types of fixtures including LED Luminaires
- Designed for applications in Area Lighting, Parking Lots, Pedestrian Lighting, Sports Field Lighting, Shopping Malls, Retail Outlets, Municipal & State Parks
- RoHS Compliant & packaged in Biodegradable Bags
- LIMITED WARRANTY: 8 years from date of manufacture



Meets or exceeds rigid quality requirements of applicable ANSI C136.10, and C136.24 and C136.41