

# Twist-Lock Electronic Photocontrol LongLife II

## 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:** 640 Joule 33 mm MOV rated @ 40,000 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**

## LongLife II Photocontrol

**"NEW Generation of Technologies that change the Game"**

Ripley Lighting Controls is pioneering new technologies raising the bar in the Street and Area Lighting Industry.

|   | 6390LL-BK   | 6394LL  | 6395LL  |
|---|---|---------|---------|
| Nominal Voltage 60 Hz   | 120/208/240/277   | 480     | 347     |
| Voltage Range   | 105—305   | 432—528 | 312—382 |
| 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  | Primary: 640 Joule MOV rated at 40,000 amp surge current—protects not only the photocontrol, but also the LED fixture<br>Secondary: 2 Zener diodes Third: Voltage Regulator |         |         |
| 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 2.25 FC (Off:On Ratio = 1.5:1)   |         |         |
| ANSI Color Coded Cover: double-wall thickness, UV Stabilized Permanent Color LongLife polymer with extra UV inhibitor | Black   | Yellow  | Green   |
| Options   |   |         |         |
| Fail Off  | -FO (Green)   | N/A     | N/A     |
| Freguency   | 60Hz  |         |         |
| Applicable with   |   |         |         |

### Other Exclusive Features:

- Electrolytic Capacitors rated 105 °C, with minimum 20,000 hour life at maximum voltage, current, & temperature
- Completed circuit boards are conformal coated with silicone for Long Life
- Double-wall thickness for strength and longevity in constant outdoor environment, optimized black Long Life polymer with maximum UV inhibitor
- 1:1 Ratio Capable saves energy by reducing burn time. Allows for the light to turn off at the same light level as the turn on value.
- RoHS Compliant & packaged in Biodegradable Bags
- LIMITED WARRANTY: 12 years from date of manufacture



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