

# RIPLY LIGHTING CONTROLS

DIVISION OF SOUTHCONN TECHNOLOGIES INC

## 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:** 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**



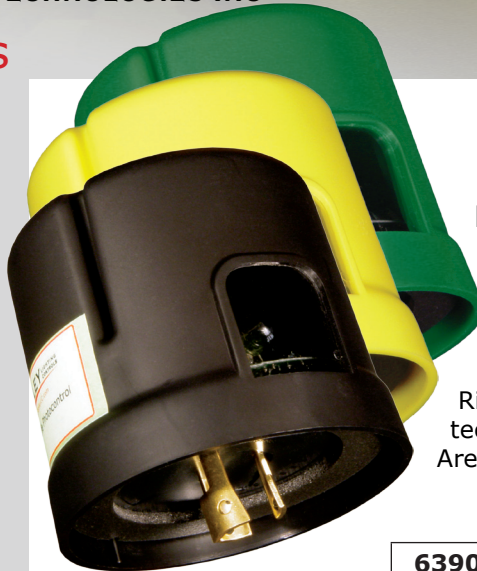
**3 Tier Power Supply Circuitry:** 640 Joule 33 mm MOV rated @ 40,000 Amps for primary protection Dual Zener Diode for secondary protection. 3<sup>rd</sup> Layer of protection using a precision voltage regulator.



**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 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
Frequency	60Hz		

#### 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 
- WARRANTY: 12 years from date of manufacture

Meets or exceeds rigid quality requirements of SouthConn Technologies Inc. and applicable ANSI C136.10, and C136.24 Standards

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