

PCL

PHOTOCELL

PCL-01 | PCL-02 | PCL-03 | PCL-04

ENERGYLITE

PROJECT _____

TYPE _____

SPECIFICATION _____

QUICK FACTS

DESIGN

- Designed to meet long life and performance requirements of solid-state lighting
- For use with 3-, 5-, or 7-pin ANSI C136.41 compliant photo-receptacles
- For use in following EnergyLite product families:
 - HawkLite
 - BroadLite
 - GridLite
 - SecureLite

CONSTRUCTION

- Cover thickness of 0.105" (3 mm) with UV resistance and antioxidant protection
- Conformally coated, double-sided FR4 printed circuit board with 18 mils plated throughholes for superior protection from water absorption and heat transfer
- Solid brass conductors
- Standard ANSI colors*

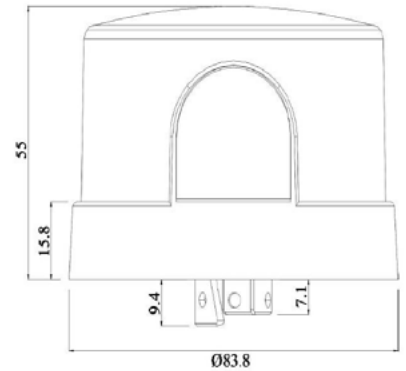
FEATURES

- Meets ANSI C136.10 specifications
- Zero cross-detection with LED inrush protection and a sealed TRIAC assisted relay
- IR-filtered, silicon, non-drift sensor
- Extreme surge protection up to 1280 J/40 kA
- Standard Turn-On/Turn-Off of 1.5fc/2.25fc with a delay of 3 - 10s and a ratio of 1:1.5*
- Fail-On standard*
- PCL-04: dims at midnight to 50% of light output for the remainder of the night (based upon 10 previous days of data collected)

WARRANTY

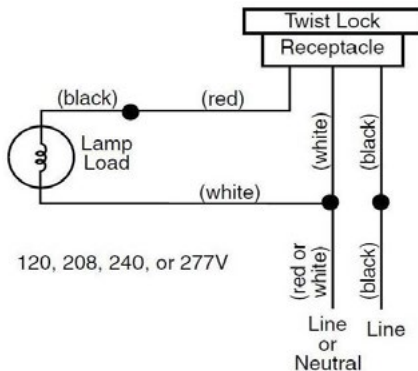
- 10-year warranty with 3-foot drop protection

*Consult factory for other options



Photocell	PCL-01	PCL-02	PCL-03	PCL-04
Input Voltage	120-277 Vac	120-277 Vac	347-480 Vac	347-480 Vac
Surge Protection	640 J/6 kA	1280 J/40 kA	1280 J/40 kA	1020 J/40 kA
Load Rating	1000 W/1800 VA	1000 W/1800 VA	1000 W/1800 VA	1000 W/1800 VA
Temperature Rating	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Power Consumption	<0.5 W @ 120 Vac	<0.5 W @ 120 Vac	<0.5 W @ 480 Vac	<1.5 W @ 480 Vac
Housing Color	Blue	Blue	Yellow	Brown
Ingress Protection	IP 65	IP 66	IP 66	IP 65

Wiring Diagram: PCL-01, PCL-02, PCL-03



Wiring Diagram: PCL-04

