

ELECTRONIC PHOTOCONTROLS
Model PC-10C



UL773, ANSI C136.10-2006,
UL Certified

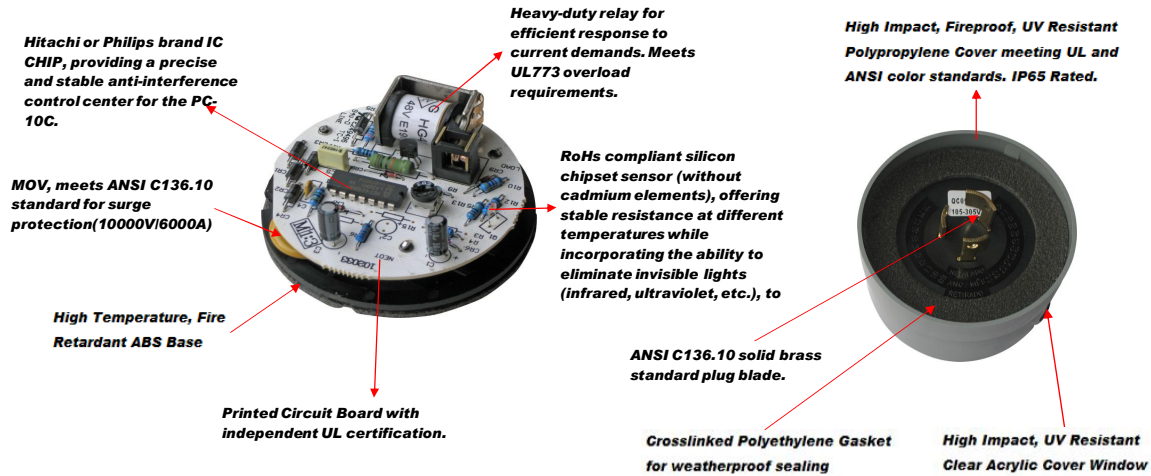
The PC-10C electronic photocontrol's multi-volt design operates at voltages ranging from 105 vac to 305 vac. The PC-10C further utilizes a RoHs compliant silicon sensor (without any cadmium elements) to ensure functional stability in a wide range of environments. This photocontrol boasts a turn on/turn off ratio of 1:1.5~4 and is more sensitive to lux levels than traditional photocontrols, allowing the user to conserve as much as 2 hours of daily electrical use.

The PC-10C electronic photocontrol is designed in compliance with ANSI C136.10-2006 and UL773. It offers an ANSI C136.10 compliant standard receptacle, a 5,000 cycle electrical life and a 10 year limited warranty. The standard base configuration of the PC-10C , along with its reliability and long life, make it a perfect replacement for the thermal and electromagnetic twist-lock photocontrols typically used with conventional street lights. These same qualities make the PC-10C ideal for today's high-end LED outdoor lighting fixtures or any other light utilizing an ANSI C136.10 standard receptacle.

GSSI GROUP

LED GREENLIGHTING

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Specifications and Characteristics

- Suitable for various types of lighting fixtures
- RoHs compliant
- Strong resistance to current surge
- UV stabilized PC cover
- Mov surge protection: 6000A/10000W, >320J
- Stable resistance of the control functions
- Multi-volt design: 105-305V *

* The PC-10C will work properly with voltages as low as 80VAC.

Packing information:

100 pcs/ctn

Gross Weight/Net Weight: 29/22 lbs

Measurements: 40X34.5X38.5

- Rate Frequency: 50/60Hz
- Rated Volts: 120V, 240V, 120/240V (105-305VAC)
- Rated Load: 1000W/1800VA, (240V/2000W)
- Turn- on Lighting Level: 10Lux
- Turn- off Lighting Level: 20Lux
- Turn on/off Lighting Level Ratio: 1:1.5~4
- Delay-off Time: 3~15" (<20 lux silicon sensor) *

* The PC-10C can be configured to a 30 second delay on request. However, the PC-10C's design overcomes the limitations of the cadmium sulfide sensors found in most photocells. The silicon sensor incorporated in the PC-10C offers a greater sensitivity to the LUX level of ambient light and is not impacted by the low UV conditions that often result in nuisance cycling. The 20 LUX off / 10 LUX on and 3~15" shut off delay are calibrated to allow for optimum efficiency while conserving up to 2 hours per day of energy usage.

- Ambient Temperature: -40°C to 75°C
- MOV Surge Protection: 160J/320J/360J (3 options)
- Power Consumption: < 1W (120V < 0.5W)
- Electrical Life: > 5000 cycles
- Failure Mode: Fail On (standard) , Fail Off (user option)
- Size: 74mm, 80mm

