The twist-lock type photocontrols are manufactured as per UL773 and ANSI C136.10 standards. They are mainly used in automatically controlling the outdoor lighting fixtures with mating receptacles. According to different internal control modes, the photocontrol products can be divided into three types which are thermal type, electromagnetic type and electronic type. The electromagnetic type and electronic type can be used in multi-voltage occasions but the thermal type is not suitable for multi-voltage use. And according to the operating characteristics, the electromagnetic type acts instantly and the electronic type and thermal time act with time delay.

If the photocontrol is temporarily not to be used, the shorting cap can be used instead and the lighting fixtures can be controlled by ordinary switch and if the lighting fixture is temporarily not to be used, the open cap can be used instead of the photocontrol.

LC-10D has obtained the UL certification as per the double standards of ANSI C136.10 and UL773. It is especially suitable for LED lighting fixtures.

Model: LC-10

SPECIFICATIONS AND CHARACTERISTICS:

- UL Listed. Reference No.: E178670
- ANSI C136.10 & UL773 Standard

- Volts & Cover Color – 50/60Hz

- Gray standard for 120Vac
- Maroon standard for 220Vac

- **Rated Voltage:** 120VAC, 220VAC
- **Load Rated:**

Code	Specification
10H1	120V/1000W/1800VA
10H2	220V/2000W/1800VA
10L1	120V/1000W/1200VA
10L2	220V/1000W/1200VA

- **Turn-On Light Level:** 10-16 Lux, adjustable at customer’ s request
- **Turn-Off Light Level:** <65 Lux, adjustable at customer’ s request
- **Turn-On Time Delay:** 30-180sec
- **Turn-Off Time Delay:** 30-180sec
- **Operating Temperature:** -40℃ to +70℃
- **Energy Consumption:** Less than 1Watt (120V<0.7W)
- **Load Switching Capability:** 5,000 operations at ANSI specified load test levels
- **Sensor Type:** CDS
- **Housing:** UV stabilized PC.
- **Failure Mode:** Fail ON
- **Size:** 74mm (suitable for North America market), 74mm (Window)

Notes:The thermal type photocontrol may not work properly if the supplied power is lower than 85% of rated voltage.

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