

ROUND TWIST-LOCK PHOTOCELL CONTROL

DESCRIPTION:

The Round Twist-Lock Photocell provides automatic dusk-to-dawn control for compatible lighting fixtures. It turns connected lighting on when ambient light decreases and off when daylight increases. A built-in 8–15-second turn-off delay helps prevent unwanted switching caused by brief light exposure from lightning, flashlights, and vehicle lights. Its wide input voltage range supports common commercial and outdoor lighting applications.



FEATURES:

- Automatic dusk-to-dawn lighting control
- Wide 90–305 VAC operating input range
- Low 0.7 W power consumption
- Built-in 8–15-second turn-off delay
- Helps prevent false switching caused by temporary light sources
- Strong resistance to electrical and light interference
- Supports filament, electronic ballast, and LED loads
- Rated for more than 5,000 switching cycles
- Twist-lock design allows convenient installation and replacement
- Suitable for dry and humid environments
- cULus Listed

APPLICATIONS:

- Street and roadway lighting
- Outdoor area and site lighting
- Building corridors and exterior lighting
- Illuminated advertising light boxes
- Commercial and directional signs
- Park and pathway lighting



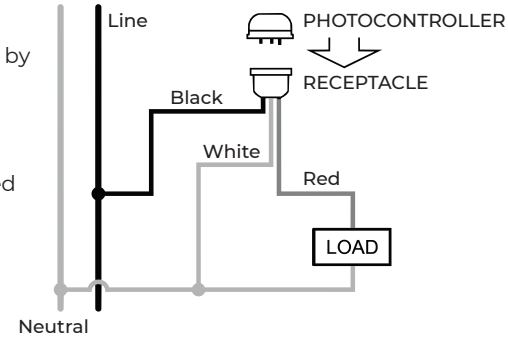
TECHNICAL SPECIFICATIONS:

Product Type	Round twist-lock photocell control
Operating Input Voltage	90–305 VAC
Input Range	100–277 VAC
Rated Frequency	50/60 Hz
Switch-On Light Level	10–20 lx (0.9–1.9 fc)
Switch-Off Light Level	60–80 lx (5.6–7.4 fc)
Turn-Off Delay	8–15 seconds
Maximum Filament Lamp Load	750 W
Maximum Electronic Ballast/LED Load	5 A at 120 VAC; 3 A at 277 VAC
Wattage	0.7 W
Switch Life	More than 5,000 cycles
Operating Temperature	–40°F to 176°F
Maximum Ambient Humidity	≤99% RH
Suitable Environment	Dry and humid locations
Overall Dimensions	3.23 in diameter × 2.52 in height
Listing and Compliance	cULus Listed, File E503715; UL 773

INSTALLATION INSTRUCTIONS:

Warning: Disconnect power before beginning installation. Installation should be performed by qualified personnel in accordance with applicable electrical codes.

1. Secure the compatible photocell receptacle or base to the luminaire.
2. Connect the wiring according to the wiring diagram: black to line, white to neutral, and red to load.
3. Align the photocell with the receptacle and insert it fully.
4. Twist the photocell clockwise until it is securely locked.
5. Adjust its position so the sensor window faces north.
6. Restore power and verify proper operation.



DIMENSIONS:

