

# PHOTOELECTRIC SWITCH

## LT408 series



### Product Summary

The photoelectric switch LT408 is applicable to control the street lighting, passage lighting and doorway lighting automatically in accordance with the ambient lighting level.

This product is designed on the basis of electrical heating structure that provides time delay over 30 seconds to avoid redundant switching against spotlight or lightning during the night time. A temperature compensator system provides consistent performance regardless of the ambient temperature. LT408 has a gathered swivel with the sensor/switch body for convenient direction adjustment after installation. Additional swivel is also available for further adjustment.

This product is certified to the Standard for Non-industrial Photoelectric Switches for Lighting Control UL773A and applicable Canadian Standards.

- Time Delay 30~120 seconds
- Temperature Compensated
- Swivel Incorporated
- Screw Thread & Zinc Alloy Nut
- Additional Swivel Available

## Technical Data

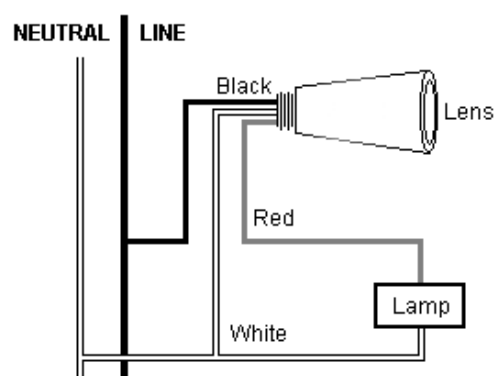
Model	LT408A	LT408B
Rated Voltage	100-120VAC, 50/60Hz	208-277VAC, 50/60Hz
Rated Loading	1 8 0 0 W 1 1 0 0 V A	Tungsten Ballast
Power Consumption	1.5VA	
On/Off Levels	10~20Lx On (Dusk) 30~60Lx Off (Dawn)	
Ambient Temperature	-40°C ~ +70°C	
Related Humidity	95%	
Body Meas.	Body: 88(L)x 32(Dia.)mm; Stem:27(Ext.)mm; 180°	
Swivel Meas.	85(L) x 36(Dia. Max.)mm; 200°	
Lead Length	150mm or Customer request; AWM3321, AWG#16	
Approx. Weight	58g (Body); 22g (Swivel)	

## Installation & Operational Instructions

Disconnect power, place screw thread of the SWITCH in knockout hole and fasten with rubber gasket and Zinc alloy lock-nut.

Wire according to the diagram in right hand.

**Do not install the switch with the Photocell facing artificial or reflected light.** This will cause the unit to cycle on and off at night.



### Initial Testing

It is normal for the SWITCH to take several minutes to turn off when first installed. To test "turn on" during daytime, cover its eye with black tape or other opaque material. Do not cover with finger because light traveling through fingers may be great enough to keep the switch open. Test will take approximately 2 minutes.

**Operation of this switch is not affected by weather, moisture or temperature changes.**