

# Photoelectric Switch

1000W | 100-120V

Automatically control street, passage, and doorway lighting  
in accordance with the ambient lighting level



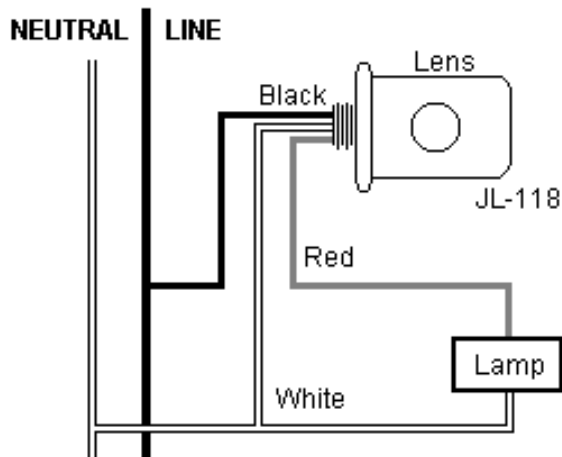
## Product Features

- Time Delay (30-120 seconds)
- Screw thread and zinc alloy nut
- Neoprene gasket
- Complete with swivel

## Product Overview

The photoelectric switch JL-118 series is applicable to control 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 at night. A temperature compensator system provides consistent performance regardless of the ambient temperature. JL-118 series is convenient direction adjustment after installation once an additional swivel is applied

## INSTALLATION & OPERATION



## TECHNICAL DATA

Voltage	100-120V(50/60Hz)
Power Consumption	1.5VA
On/Off Levels	10-20Lx ON (Dusk) 30-60Lx OFF (Dawn)
Ambient Temp	-40°C to 70°C
Related Humidity	95%
Dimensions	41 x 72 x 32 mm
Swivel Dimensions	65 x 35 mm (180°)
Lead Specs	AWM3321, AWG#16
Lead Length	150mm or as requested
Body Weight	55g
Swivel Weight	20g

**NOTE: ENSURE POWER IS OFF BEFORE WIRING OR PERFORMING MAINTENANCE**

1. Disconnect power, place screw thread of the SWITCH in knockout hole and fasten with rubber gasket and Zinc alloy lock-nut.
2. Wire according to the diagram in right hand.
3. Slide the mounted adjusting metal strip to have preferred On/Off levels, if necessary.

**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 sliding the metal strip mounted. Do not cover with finger because light traveling through fingers may be great enough to keep the switch open. Testing will take approximately 2 minutes to complete.