

# PHOTOELECTRIC SWITCH

## JL-118 series

JL-118A



JL-118AV



- *Time Delay 30~120 seconds*
- *Screw Thread & Zinc Alloy Nut*
- *Additional Swivel Available*
- *Neoprene Gasket*

### Product Summary

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.

## Technical Data

<b>Model</b>	<b>JL-118A(V)</b>	
<b>Rated Voltage</b>	100-120VAC, 50/60Hz	
<b>Rated Loading</b>	1 0 0 0 W 1 8 0 0 V A	Tungsten Ballast
<b>Power Consumption</b>	1.5VA	
<b>On/Off Levels</b>	10~20Lx On (Dusk) 30~60Lx Off (Dawn)	
<b>Ambient Temperature</b>	-40 ~ +70	
<b>Related Humidity</b>	95%	
<b>Body Meas.</b>	41(wide) x 32(depth) x 72(height)mm	
<b>Swivel Meas.</b>	65(L) x 35(Dia. Max.)mm; 180°	
<b>Lead Specs.</b>	AWM3321, AWG#16	
<b>Lead Length</b>	150mm or Customer request	
<b>Approx. Weight</b>	55g (Body); 20g (Swivel)	

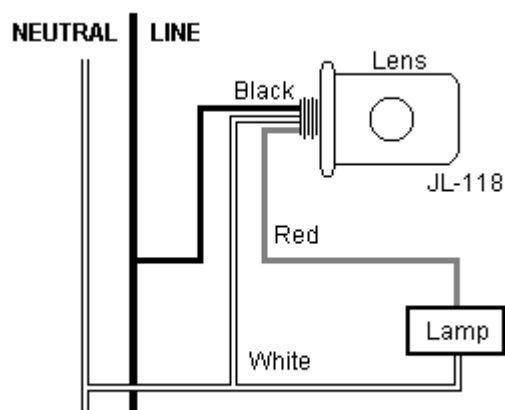
## Installation & Operational Instructions

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.

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.  
Test will take approximately 2 minutes.

## Ordering Information

**JL-118A(V)**