

# PHOTOELECTRIC SWITCH

## JL-103



**RAINTIGHT**

**LISTED**

### Product Summary

The photoelectric switch JL-103 is applicable to control the street lighting, passage lighting and doorway lighting automatically in accordance with the ambient lighting level.

This product has been listed by UL Inc and is comply with the Standard for Non-industrial Photoelectric Switches for Lighting Control UL773A, as well as CE and RoHS certified.

### Technical Data

Model No.	JL-103A	JL-103B	JL-103C	JL-103D
Rated Voltage	120VAC	240VAC	208VAC	277VAC
Rated Frequency	50/60Hz			
Rated Loading	2000W TUNGSTEN 1000VA BALLAST			
Power consumption	1.2W max.			
Operate Level	10~20Lx On 30~80Lx Off			
Ambient Temperature	-40 ~ +70			
Related Humidity	99%RH			
Overall Dimensions	52.5(L) x 29(W) x 42(H)mm			
Leads Length	180mm or Customer request (AWG#18)			
Weight Approx.	32grs			

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## Installation & Operational Instructions

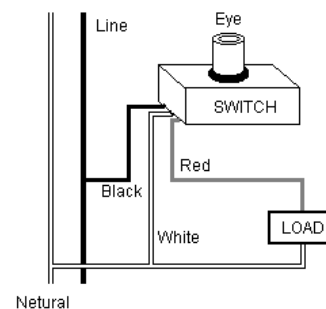
### Installation

Disconnect power, remove junction box cover, place the SWITCH in knockout hole and fasten with locknut.

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 JL-103-S F or other opaque material.

Test will take approximately 2 minutes.

### Accessories

- ✧ Lock-Nut  
*2pcs applied.*
- ✧ O-ring Gasket  
*2pcs applied.*
- ✧ Alternative Flat Gasket  
*To take the place of O-ring Gaskets per client's request.*

## Ordering Information

**\*JL-103B \*\*12 - CE**

\*: **Model Number;**

\*\*: **Lead Length in inches**