

# PHOTOELECTRIC SWITCH

## JL-413C



**RAINTIGHT**

### Product Summary

The photoelectric switch JL-413 is applicable to control the street lighting, passage lighting and doorway lighting automatically in accordance with the ambient lighting level.

This product is designed with electronic circuits. Its quicker response with time delay of 3-10 seconds offers easy-to-test feature. Especially, model JL-413C provides a wide voltage range for customer applications under almost power supplies.

Further, a preset 3-10 seconds time-delay might avoid mis-operation due to spotlight or lightning during the night time

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

### Technical Data

<b>Model No.</b>	<b>JL-413C</b>
<b>Rated Voltage</b>	120-277VAC
<b>Rated Frequency</b>	50/60Hz
<b>Rated Loading</b>	500W Tungsten, 850VA Ballast 5A E-Ballast
<b>Power consumption</b>	0.4W max

<b>Operate Level</b>	10~20Lx On 30~80Lx Off
<b>Ambient Temperature</b>	-40°C ~ +70°C
<b>Related Humidity</b>	99%RH
<b>Overall Dimensions</b>	54.5(L) x 29(W) x 44(H)mm
<b>Leads Length</b>	180mm or Customer request (AWG#18)

## Installation & Operational Instructions

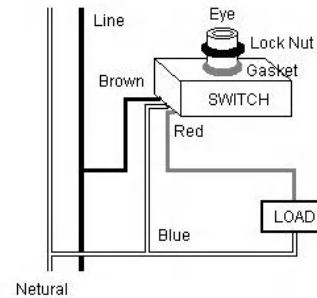
### Installation

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.



### Accessories

- ◇ Lock-Nut  
*1pc applied.*
- ◇ O-ring Gasket  
*1pc applied.*
- ◇ Alternative Flat Gasket  
*To take the place of O-ring Gaskets per client's request.*

## Ordering Information

**\*JL-413C \*\*07 \*\*\*L \*\*\*\*M \*\*\*\*\*N**

- \*. **Model Number;**
- \*\*.**Lead Length in inches**
- \*\*\*.**2<sup>nd</sup> Lock-Nut needed**
- \*\*\*\*.**cULus Holographic Label applied**
- \*\*\*\*\*.**Flat Gasket replaces O-ring Gasket**