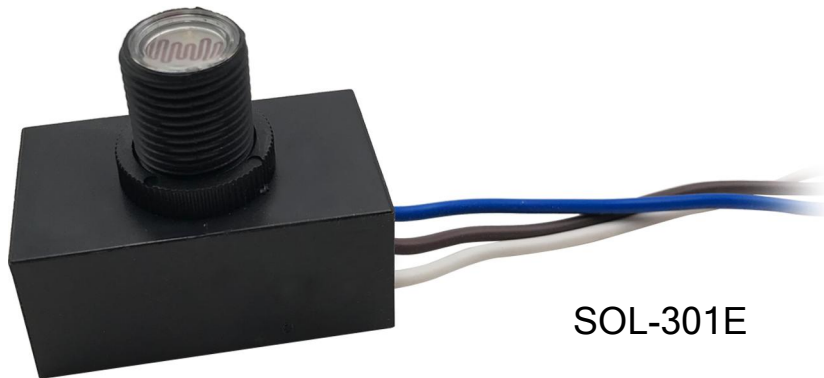


PHOTOELECTRIC SWITCH



Product Summary

The photoelectric switch SOL-301E 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-403C 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

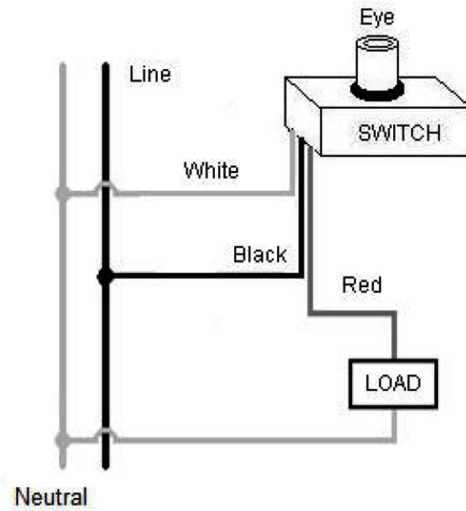
Model No.	SOL-301E
Rated Voltage	120-277VAC
Rated Frequency	50/60Hz
Rated Loading	500W Tungsten , 850VA Ballast , 5A E-Ballast
Power consumption	2W
Operate Level	10~20Lx On 30~80Lx Off
Ambient Temperature	-40°C ~ +70°C
Related Humidity	99%RH
Overall Dimensions	54.5(L) x 29(W) x 44(H)mm
Leads Length	180mm 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.



Operational Instructions

- Lock-Nut 1pc applied.
- Flat Gasket 1pc applied.
- Alternative O-ring Gasket To take the place of Flat Gaskets per client's request.
- Optional Clear Cap To provide lens with additional waterproof feature.