

1L-PC01

Light-Control Sensor(Photocell)



Welcome to use 1L-PC01 light-control sensor!

The product can turn on or turn off light automatically according to ambient-light. Ambient temperature and humidity can't affect it. It is not only convenient but also practical; it can control the load working only at night. It is used for road light, garden light etc.

SPECIFICATION:

Rated Current: 10 Amp.	Power Frequency: 50~60 Hz
Power Consumption – Max. 0.5W	Ambient Temp: - 20°C to +50°C
Voltage: 220-240VAC	Working Humidity: <93%RH
Class – IP44	Power Cable length – Approx. 130 mm

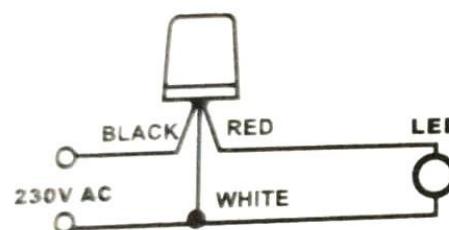
Features:

Compact, Reliable lighting controls consist of hermetically sealed Photocell and Snap action Bimetalic Relay to insure electrical switching.

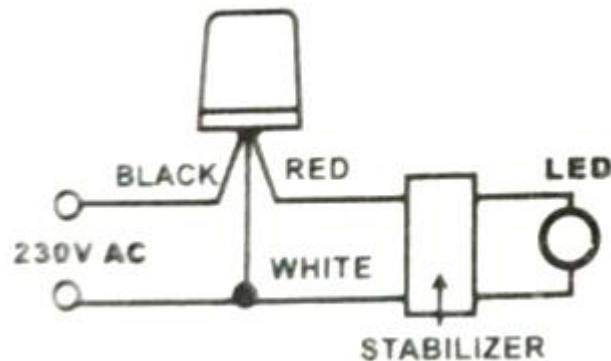
Application:

Garden, Harbor, Airport, Farm, Park, Any other place.
Street Light, Factory.

CONNECTION-WIRE DIAGRAM:



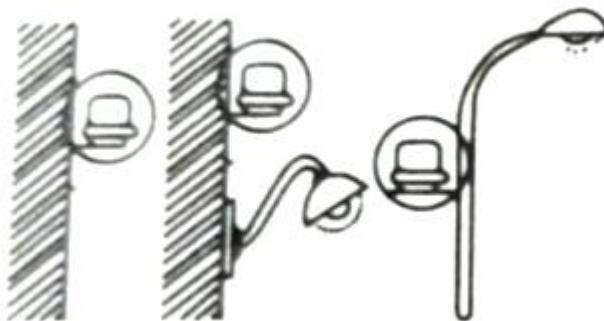
For Incandescent lamp, connect Black-lead wire and White-lead (common) to power source, Red-lead wire and white -lead to lamp load



When using a Mercury or Fluorescent lamp, connect the Control unit to the primary side of the stabilizer.

Connect the red lead wire first for Safety.

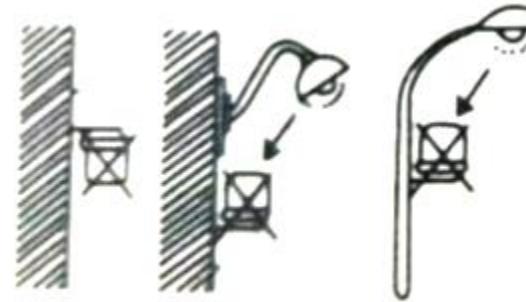
Correct Installation: -



Do not install the control unit in a place extremely darker in daytime, or a place affected directly by lighting of turning- ON lamp (See figure).

ON lamp (See figure).

Incorrect Installation: -



Install the control unit in the direction making the opal housing upside.

Operating LUX (NON-ADJUSTABLE)

Turn-On Less 10 Lux

Turn off Less 50Lux

CAUTION:-

The control unit may be damaged by misconnection. When installing during the daytime, the unit may turn on first, then turn off within 3 minutes.

This is normal operation.