

# 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:**

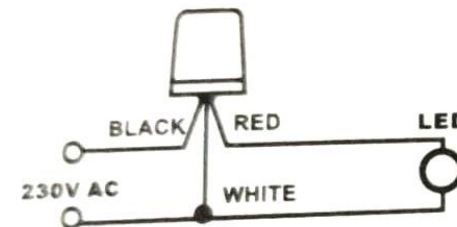
Compact, Reliable lighting controls consist of hermetically sealed Photocell and Snap action Bimetallic Relay to insure electrical switching.

### **Application:**

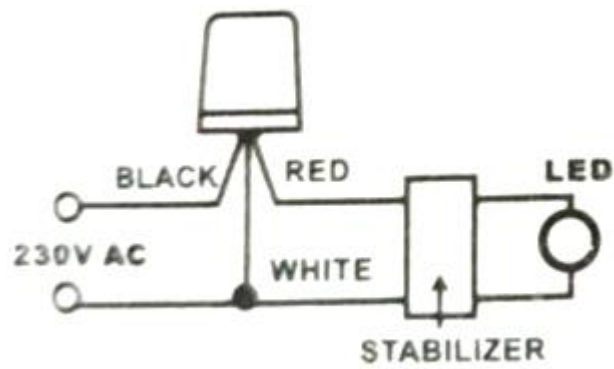
Garden, Harbor, Airport, Farm, Park, Any other place.

Street Light, Factory.

### **CONNECTION-WIRE DIAGRAM:**



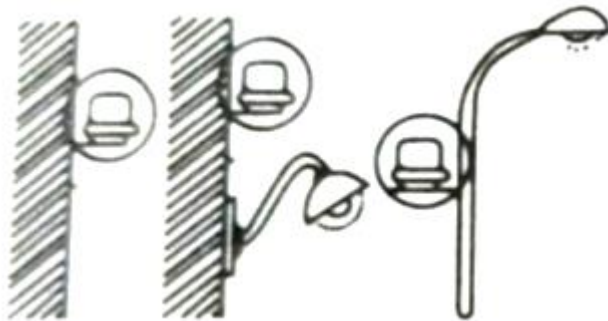
For Incandescent lamp, connect Black-lead wire and White-lead (common) to power source, Red-lead wire and white -lead to lamp load



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.