![MGI — Soluciones en Ingeniería Eléctrica]

Light-Control Sensor(Photocell)

ST301

Instruction

Welcome to use ST301 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:

Power source: 220-240V/AC   Power Frequency: 50/60Hz

Rated Current: 6A   Ambient Light: <5-15 LUX

Working Temperature: -20~+40℃   Working Humidity: <93%RH

INSTALLATION:

➤ Switch off the power and connect the wire as   per the connection-wire diagram.

➤ Please install the item in the correct orientation with the metal bracket and according to the correct installation place install the item with the enclosed inflated screws. (See the figure on the right).
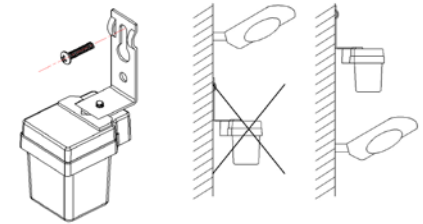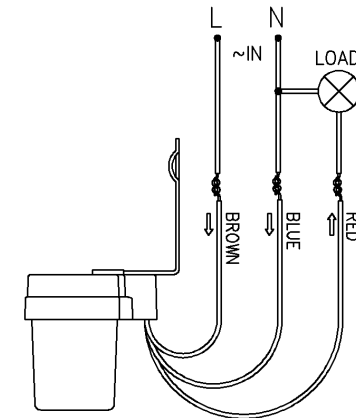
FIGURE   INCORRECT   CORRECT

CONNECTION-WIRE DIAGRAM:

TEST:

➤ Switch on the power.

➤ When you test in daytime. You should cover a black opaque cloth on the product.

➤ When the cloth mantles the detection window of the photocell, the ambient light of the photocell is dark, the lamp will be on.

➤ When you take off this cloth, the lamp will be off automatically.

NOTE

➤ In front of the photocell, it should be no obstruction affecting to accept natural light;

➤ In front of the photocell, it should be no swaying object.

➤ Don't install the photocell under the light or in the place where the light will be irradiated to

the photocell.