



LDR SENSOR

Model: AU-X302



IP44



Day & Night



Energy saving



5-50 LUX

INTRODUCTION

AutronX LDR Light Control Sensor can turn on or off the light automatically according to the ambient light. It is not affected by the ambient temperature or humidity. This sensor is not only convenient but also practical and can control the load by working only at night. For instance, road light, garden light, etc.

TECHNICAL SPECIFICATIONS

Model : AU-X302

Power Source	: 220-240V/AC 50Hz
Sensing Type	: Light Dependent
Ambient Light	: <5-50LUX (Adjustable)
Rated Load	: 10 Amp
Working Temperature	: -20°C ~ +40°C
Working Humidity	: <93%RH
No. of Wires	: 3 Wires

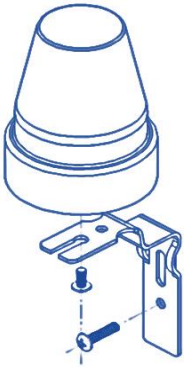
FUNCTION

LUX setting

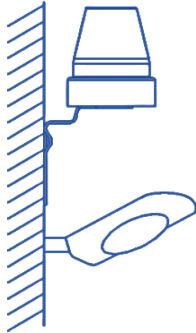
- Turn the LUX knob anti-clockwise to the “-” position as the photocell will only work in the dark (< 5LUX). If you turn the knob clockwise to the “+” position, it will work when the ambient light is < 50 LUX.

INSTALLATION INSTRUCTIONS

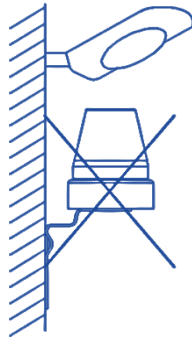
- Switch off the power and connect the wire as per the connection-wire diagram.
- Please install the item in the correct orientation with the metal bracket and correctly install it with enclosed inflated screws.



Positioning

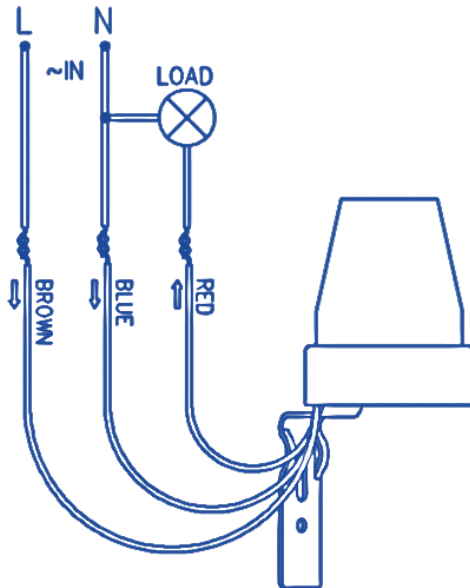


Correct



Incorrect

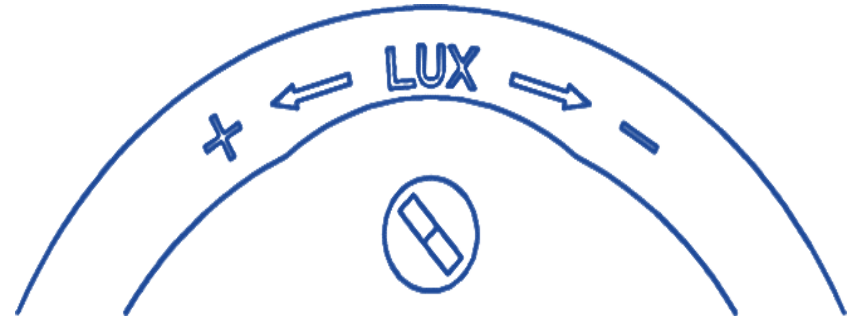
CONNECTION – WIRING DIAGRAM



Note: When testing during daylight, please cover the sensor with a black polythene cover, otherwise the sensor could not work.

TEST

- Slide the LUX knob to (-) position and switch on the power.
- Cover the product with a black opaque cloth when you test it during the daytime.
- The lamp will switch on when the cloth mantles the detection window of the photocell and the ambient light of the photocell is less than 5 LUX.
- When the cloth is removed, the lamp will turn off automatically.
- When you adjust the LUX knob to the (+) position, the lamp can stay on in the ambient light for less than 50 LUX.

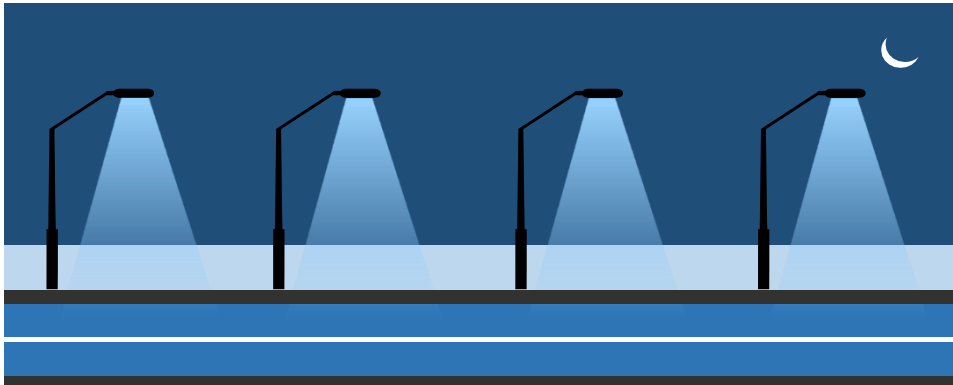


LUX FUNCTION CHECK

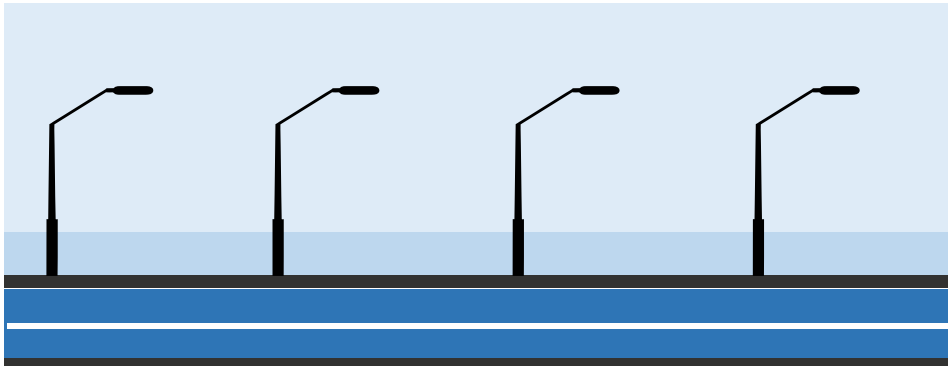
Day/Night Light Function

The lights switch ON and OFF automatically and save endless energy.

Night Time



Day Time



SAFETY INSTRUCTIONS

- There should be no obstruction in front of the photocell that affects the natural light.
- No swaying object should be there in front of the photocell.
- Do not install photocell under the light or in any place where the light will be irradiated to the photocell.

APPLICATIONS



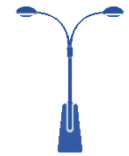
Sign Boards



Garden Lights



Town Ships



Street Lights

TROUBLESHOOTING

Malfunction	Cause	Remedy
The load will not work	Wrong light control is selected Faulty load	Adjust the setting change load
	The main switch is OFF	Turn the switch ON