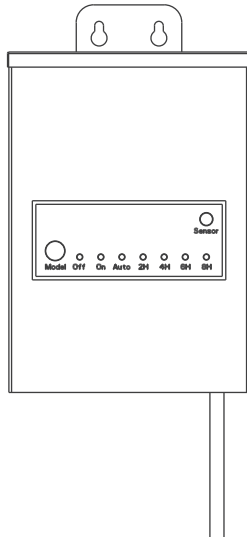


Instruction Manual



Transformer for Landscape Lighting

Important safety information to reduce risk of fire injury!

1. Do not install within 10 feet (3 m) of a pool, spa or fountain.
2. There are no serviceable parts inside the power supply unit. DO NOT DISASSEMBLE.
3. Do not repair or tamper with cord or plug.
4. Do not submerge transformer in water.
5. Do not mount the transformer onto combustible material
6. Do not use the transformer with a dimmer switch.
7. Do not plug the power supply unit directly into a GFCi wet location outlet
8. Applicable for low voltage outdoor landscape lighting system only.
9. The maximum output of this transformer is 300 watts.
10. Do not overload the transformer.

Be sure that the total cumulative wattage of all 12 volt fixtures connected to the transformer is equal to or less than 300 watt

CAUTION: This landscape light system must be installed in accordance with all local codes and ordinances.

-If you are experiencing problems, contact a qualified electrician.

CALCULATION LIGHTING CAPACITY

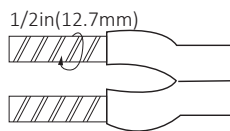
-To make sure the maximum number of fixtures can be safely connected to this transformer, add up the individual wattage of all the fixtures.

-The total wattage of your fixtures must not exceed output capacity of the 300 Watt transformer.

INSTALLATION

1.Preparing the Cable

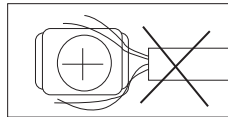
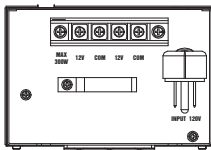
Being careful when splitting it. NOT to expose the copper cable. Remove the landscape cable insulation 1/2 inch from both cables and twist ends.



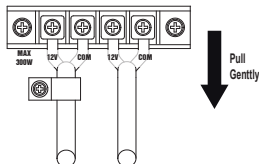
2.Connecting the cable to the Transformer

Lay the transformer on a flat, stable surface and insert one stripped end of the wire under the terminal clamping plate "COM". Then tighten the screw. Repeat this procedure for clamping plate "12V". (choose it according to the length and wire gauge of your cable. Referring to the following cable selection chart for more details)

Tips: ① Thread your cable through the white plastic loop to reduce its gravity.

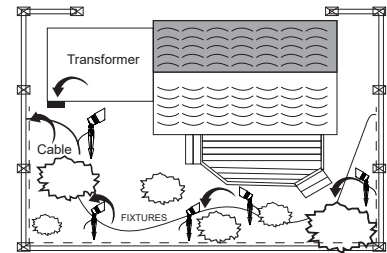
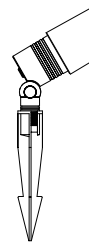


NOTE: Gently pull on the landscape cable to verify if the connection is strong.



3.Placing Your Fixtures and Routing the cable:

Lay your fixtures (not included) to your desired location. Be sure they do not exceed the 300-watt rating of the transformer. Coil the rest of the cable after the last fixture.

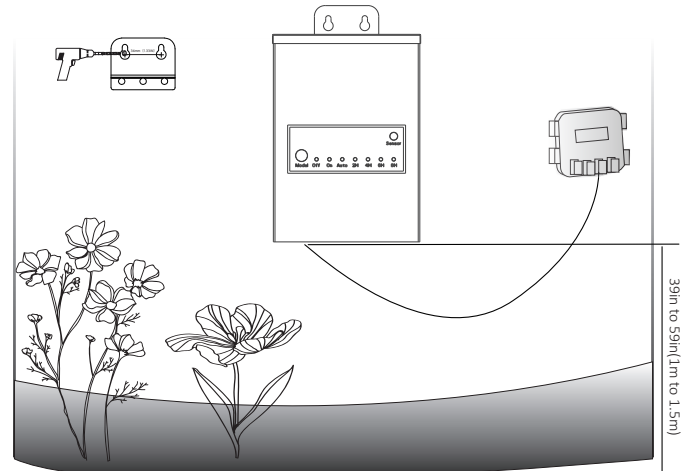


4.Attaching Your Fixtures

Use the cable connectors to attach your fixtures with the cable. Plug the transformer in the GFCI outlet and enter the ON mode. Then the lamps will light up.

5. Mounting the Transformer

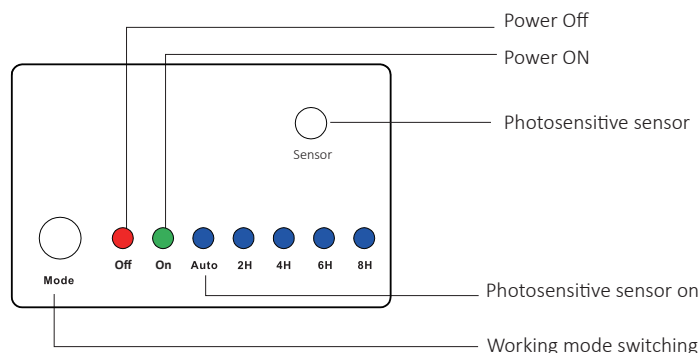
Use the screw to mount the transformer directly on a wall. 39inch to 59 inch (1m to 1.5 m) high from the ground would be suggested.



OPERATING INSTRUCTION

Panel description

- After the product is switched on at 120V/60Hz working voltage, the software self-tests during startup (all indicator lights will be briefly lit together), and the indicator light stays in the Off normally off state after self-testing, at this time the product is in standby state.



2.Product Operation

This transformer has three automatic methods to turn on and off:

- On or off with the power switch button.
- Turn off the power supply by clock timing.
- Control on or off by photo sensing.

OPERATING INSTRUCTION

3.OPERATING INSTRUCTION

- Software self-check indicator status during startup
- After the self-test is completed, the standby state will be on
- In the standby state, press the Mode key for the ① time to turn On the normal mode
- Mode key Press for the ② time to enable the optical sensing mode. Then the Auto indicator is on
- Press the Mode key for the ③ time to enable the light sensing mode In this case, the time is Auto and 2H Indicator light
- Mode key Press ④ to enable the optical sensing mode When the timing is 4H, the Auto and 4H indicators are on
- Mode key to enable ⑤ the optical sensing mode for the fifth time When the timing is 6H, the Auto and 6H indicators are on
- Press the Mode key for the ⑥ time to turn on the light mode When the timing is 8H, the Auto and 8H indicators are on
- Press the Mode key for the ⑦ time to turn on the standby mode when the Off indicator is on

12Volt Transformer TerminalTermini de transformador de 12 Voltios

Total Fixture WattageVataje total de la lmpara	Cable LengthLargo del cable	Wire GaugeCalibre del cable
1-120	50ft	16
121-240	50ft	14
241-300	50ft	12
0-60	100ft	16
61-120	100ft	14
121-240	100ft	12
0-60	150ft	14
61-120	150ft	12

15Volt Transformer TerminalTerminal de transformador de 15 Voltios

Total Fixture WattageVataje total de la lmpara	Cable LengthLargo del cable	Wire GaugeCalibre del cable
1-120	100ft	16
121-240	100ft	14
241-300	100ft	12
0-60	150ft	14
61-120	150ft	12

TROUBLE SHOOTING

- The transformer has a power-off memory function. When the transformer powers on again, the transformer will enter the working mode before the power failure.

2.Over temperature protection

If the total power of the connected lights exceeds the transformer's rated output power, it will cause the transformer's temperature to become too high. When the temperature exceeds 105°C, the transformer will trigger over-temperature protection and disconnect the input power supply. Troubleshooting steps:

- Disconnect the transformer's input power lines;
- Reduce the number of connected lights so that their total power is less than the rated power;
- Wait patiently for the transformer's temperature to return to normal, which usually takes 2 to 3 hours;
- Reconnect the input power to reset..

3.Short-circuit protection

In case of a short circuit at the output, the transformer will trigger a short-circuit protection and disconnect the input power within one second.

Troubleshooting steps:

- Disconnect the transformer's input power supply;
- Check if the connected lights or the output lines have a short circuit and eliminate the fault;
- After resolving the issue, reconnect the input line to reset.

Note

The position of the photo sensor will affect the light level at which the transformer is turned on in automatic on/off and photo sensor on/off timer modes. Installing the transformer in an area that receives less sunlight at dusk (east side of the house, behind trees and shrubs, under patios) will cause the transformer to turn on earlier in the evening. Install the transformer in a brightly lit place, and the transformer will start when it gets dark. The position, and direction of the installed transformer can be adjusted until the transformer turns on under the required illumination. Avoid pointing the sensor at night-time sources such as windows, porch lights and street light

SPECIFICATIONS

300W Outdoor Low Voltage Transformer with Dusk-to-Dawn Sensor	
Wattage	300W
Input voltage	120V AC 60Hz
Output voltage	12VAC
Working temperature	-40°F-113°F (-40°C-45°C)
Material	Metal
Lifespan	50,000 hrs
Waterproof rating	IP44
Dimensions	5.44" (L) × 3.76" (W) × 8.68" (H)

Packing List

- 1x Low-Voltage Transformer
- 2 x Screws
- 2 x Wall Anchors
- 1 x Instruction Manual

Five-year Limited Warranty

We warrant this product to be free from defects in material and workmanship for a period of five year from the date of purchase. Warranty will be void if damage is due to misuse or improper installation.