

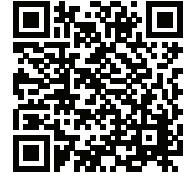
THE MOST VERSATILE AND SIMPLE OUTDOOR LANDSCAPE LIGHTING TRANSFORMER

TLS100-UNV Instruction Sheet & General Guide
WiFi Smart Plug compatible landscape lighting transformer
100watts 120volt input 12/15V AC output

STOP, BEFORE YOU DO ANYTHING RUN A TEST

It is easy and will save you time and money. Questions? See our website. Scan QR code below.
Reference the drawing in this sheet to familiarize yourself with the transformer.

1. **Open the cover**
2. **See the plug inside and plug it into the socket inside the transformer**
3. **Plug the transformer in a wall socket (120volt AC)**
4. **If both LED indicator lights are illuminated the unit is working properly and is now producing 12volt AC power for your landscape lights**



Scan with Your Device

TIMER TEST (Sold Separately)

Unplug the transformer power plug and plug it into your timer, then plug the timer into the socket inside the transformer. Set the timer to always on by setting it to ON. If both LED lights are on it is working. Set the timer to turn ON and turn OFF as you require. See the instructions included with the timer you are using. See our video for more information.

WIFI SMART PLUG TEST (Sold Separately)

Unplug the transformer power plug in the unit and plug it into your WiFi device. Plug the WiFi device into the transformer socket. Now plug the transformer into the wall socket. Test by activating your WiFi smart plug from your computer or mobile device (Refer to your WiFi plug's manual for activation). Check to see if both LED indicator lights are on at the same time. If so, the transformer is now putting out 12volts AC and you can control it with your WiFi smart plug system. Do this step before you mount your transformer in the field or connect it to the lighting load. See our video for more information.

PHOTOCELL TEST (Sold Separately)

Install the photocell using its included instructions or see our video for more information. Remove any WiFi device and timers plugged into the unit. Plug the transformer power plug into the transformer socket inside the unit. Install the photocell. Plug the transformer into a 120VAC wall socket. Make sure the photocell is covered so light can not trigger the sensor. Wait about four minutes. Both indicator LED lights should come on. See the video on this test.

CONTROLLING FROM A WALL SWITCH

When using a simple wall switch to control the transformer, open the unit, take the transformer power plug inside the unit and plug it into the transformer socket in the unit. Then plug the transformer into the externally controlled wall socket. Turn the wall switch on to supply power to the transformer. Both indicator LED lights should come on. See the video.

DIMMING

This unit is not recommended for dimming and would require a dimmer made for magnetic loads. Be advised when dimmed there will be a buzzing sound that is noisy. In addition, most landscape lighting is not dimmable and it could damage your light fixtures.

For more information: www.TotalOutdoorLighting.com/wifi-transformer.html



GENERAL INFORMATION

For detailed installation instructions, specifications, applications and compatible smart plugs:

Go to www.TotalOutdoorLighting.com/wifi-transformer.html

WIFI (Sold Separately): Made to work with a number of WiFi Smart Plugs. Bench test your transformer with your WiFi Smart Plug before you start any work to ensure it will work the way you want. See our simple video on how this is done.

AUTOMATIC: Made to work with a Photocell, Timer or WiFi Smart Plug or simple wall switches or combinations of the above depending on project requirements. See full installation and instructions of the above accessories for details, control options and scenarios. This unit is not recommended for dimming.

INDICATORS: Unit is supplied with a LED indicator light that lights when the unit is receiving power and a second indicator for when the unit is producing 12/15volts AC. Both illuminate when ready to attach to your 12volt AC landscape lighting fixtures.

TIMER (Sold Separately): Simply plugs directly into the unit's internal socket. Then insert the transformer power plug into the timer. If the timer uses tripper pins, make sure the tripper pins are set correctly in your timer to turn on.

TERMINAL BLOCK: This is where you attach your landscape lighting low voltage wire. Do not exceed 100watts at 12/15volts. See detailed instructions on our website before using the 15volt option.

CIRCUIT BREAKER: This will trip if there is a short or if total combined wattage of the light fixtures and load on the transformer exceeds rating. If the breaker trips, reset the circuit breaker, if it trips again remove the load and test the unit. See our website for more information.

OPTIONAL PHOTOCELL PORT: See our website for instructions on how to install an optional photocell.

INPUT POWER: Unit must be plugged into a Ground Fault Circuit Interrupter (GFCI) outlet.

WE ARE NOT RESPONSIBLE FOR IMPROPER INSTALLATION AND POWERING OF THE TRANSFORMER OR ANY ATTACHED ACCESSORIES. IF YOU ARE UNCERTAIN OF PERFORMING ANY OF THE TASKS WE STRONGLY ADVISE YOU TO HIRE A LICENSED ELECTRICIAN.

