

MODEL #: TF300

300 WATT, 12 VOLT LANDSCAPE LIGHTING TRANSFORMER

FOR USE ON 120 VOLT CIRCUITS ONLY.

OUTDOOR RECEPTACLE SHOULD BE "GFCI" TYPE

NOT FOR USE WITH SUBMERSIBLE FIXTURES.

**DO NOT** use this transformer with submersible fixtures.

**DO NOT** repair or tamper with cord or plug.

**DO NOT** use extension cords.

**DO NOT** submerge the transformer in water.

**DO NOT** connect two or more transformers in parallel.

**DO NOT** use the transformer with a dimmer switch.

**DO NOT** install the transformer within 10 feet of a pool, spa, or fountain.

**DO NOT** mount the transformer onto combustible material.

**DO NOT** bury the connectors or cables in combustible materials, such as wood chips, bark, dried leaves, or at a depth greater than 6 inches.

**DO NOT** exceed the maximum wattage of the transformer's terminal.

**DO NOT** plug the transformer into a covered 120-volt Class A Type GFCI (ground fault circuit interrupter) receptacle with a hooded flush type cover plate marked "WET LOCATION."

**CAUTION:** Always disconnect the transformer from the electrical outlet when working on the lighting system.

The device is a certified component of a landscape lighting system where the suitability of the combination shall be determined by UL or local inspection authorities having jurisdiction.

### **CALCULATING LIGHTING CAPACITY:**

The 200 Watt transformer has 200 watt circuits which will power up to 200 watts of light.

To determine the maximum number of fixtures that can be safely connected to this transformer, add up the individual wattages of all the fixtures. The total wattage of your fixtures must not exceed output capacity of the 200 watt transformer.

### **IMPORTANT NOTE:**

- Make sure to securely tighten the screws connecting the wires to the output terminal to prevent overheating and short circuits.
- Never exceed the capacity of the wire being used. #16-2 wire has a capacity of 96 watts. #12-2 wire has a capacity of 192 watts.

## OPERATING INSTRUCTIONS

1. Plug in the transformer.
2. Make sure the transformer is located outdoors and will be exposed to sunlight.
3. Hold down the up or down arrow to toggle the different modes in the digital alphanumeric display. Simply bumping the button accidentally will not change the mode. Hold down the button until the display begins blinking, and then toggle to the mode desired.

### Settings:

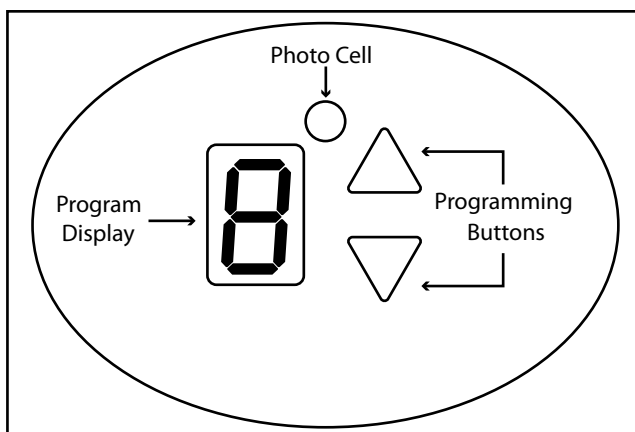
"O" - Power on, lights will stay on constantly.

"A" - "All Night" Lights will turn on at sunset and turn off at sunrise. "Dusk to Dawn"

"1-9" - Lights will turn on at sunset and turn off after the number of hours indicated by the displayed number. For example, a setting of "3" means the lights will stay on for 3 hours after sunset then turn off.

"C" - Contractor Photocell Test Mode: This allows testing of the photocell function to verify as needed. In this mode, the photocell triggers instantly. Shine a light on the photocell, the lights turn off. Cover the photocell, lights turn on.

## CONTROL DIAGRAM



## TERMINAL DIAGRAM

