



## Installation Instructions 36W Transformer

It is the responsibility of the installer to meet all code and safety requirements. The installer should determine and implement the appropriate installation techniques for each situation. The Fortress Company or its distributors shall not be held liable for improper or unsafe installations.

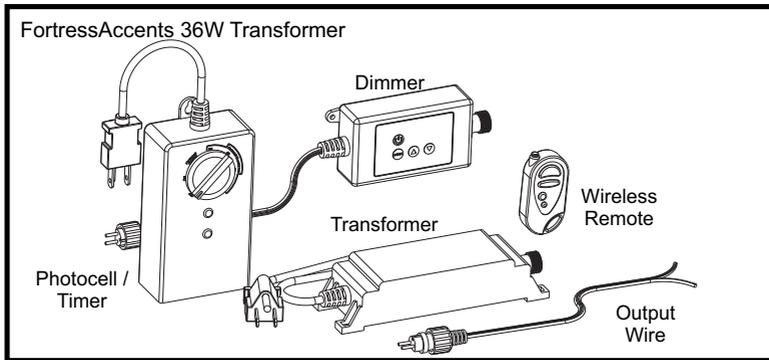
**WARNING – RISK OF ELECTRIC SHOCK.** Install power unit 10 feet (3.05 m) or more from a pool, spa, or fountain. Where the power unit is installed outdoors, connect power unit to a receptacle protected by a GFCI.

**An electronic transformer should always be used to operate FortressAccents LED lighting. FortressAccent transformers are available wherever FortressAccents LED lighting is sold.**

**Use of a mechanical (non-electronic) transformer with FortressAccents LED Lighting will void the warranty for your FortressAccents Lighting.**

- **READ INSTALLATION INSTRUCTIONS BEFORE WIRING**
- **FOR OUTDOOR USE ONLY. MOUNT AT LEAST 12" (30.48 cm) ABOVE GROUND**
- **NOT FOR USE WITH SUBMERSIBLE FIXTURES**
- **DO NOT CONNECT TWO OR MORE TRANSFORMERS IN PARALLEL**

Required Materials: Phillips Head Screw Driver, Wire Cutters, Wire Strippers, Eye Protection, Tape Measure



Transformer, Photocell / Timer and Dimmer must be installed more than 12" (30.48 cm) above the ground.

Determine the best location for the components based on your lighting layout. Transformer should be located as close to the first luminaire as possible. Supplied input wire with plug must be connected to a GFCI protected outlet with a hooded flush type cover plate receptacle marked "Wet Location". **Do not use an extension cord.**

If no GFCI protected outlet with a hooded flush type cover plate receptacle marked "Wet Location" is available, a licensed electrical contractor must install a GFCI outlet at the required location.

Mount Photocell / Timer to wall or other solid surface with supplied screw. Photocell should be mounted in a shade free location. Be sure not to mount photocell / Timer in a location that is influenced by nighttime lighting. Placement of photocell can be adjusted until the system comes on at the desired light level.

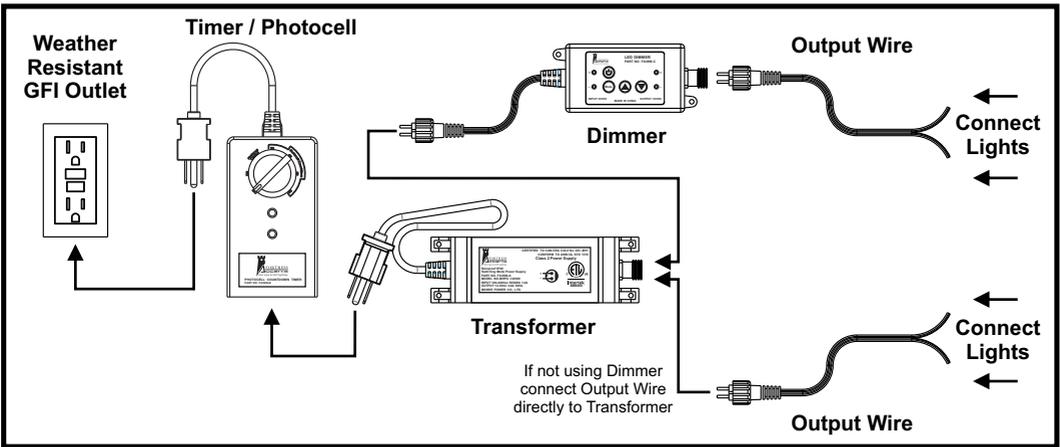
Run 18-2 gauge stranded outdoor wire by routing in close proximity to the luminaire or fitting, or next to a building structure such as a house or deck. Wire should not be buried.

Total wattage of lights in system should not exceed 36 watts. The 36 watts of lights in the system can be wired to one output wire or split between the two output wires. If additional lights are required a second transformer must be used. **Do not connect two or more transformers in parallel.**

Please visit [www.fortressaccents.com](http://www.fortressaccents.com) for information on how to order additional accessories.

For technical assistance, please email: [technicalhelp@fortressrailing.com](mailto:technicalhelp@fortressrailing.com)  
Hours of Operation Monday through Friday 7:00 AM to 6:00 PM, CST  
Phone: 844-909-2999 Fax: 972-372-0924  
[www.fortressrailing.com](http://www.fortressrailing.com)

## Installation of Components



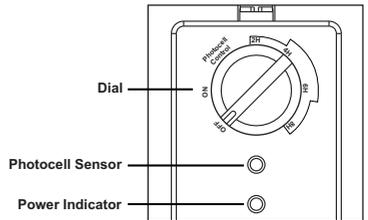
## Installation of Components

- Install weather resistant GFI outlet in a location that allows Photocell / Timer to have access to sunlight.
- Install Photocell / Timer to a vertical surface with supplied wood screw. Photocell / Timer must be plugged directly into the GFI Outlet.
- Install Transformer within 65" of the Photocell / Transformer with the 4 supplied wood screws. Transformer should be plugged directly into the Photocell / Timer.
- If Dimmer is not going to be used, screw the Output Wire directly into the Transformer.
- If Dimmer is used, install the Dimmer within 12" of the Transformer with the 2 supplied wood screws and screw the Input Wire of the Dimmer directly into the Transformer.
- Using the supplied Waterproof Wire Nuts connect 18-2 Wire the Output Wire. **Polarity Must Be Maintained.**

### Timer / Photocell

Photocell / Timer must be positioned so that photocell sensor has access to sunlight. It should not be positioned next to artificial light sources.

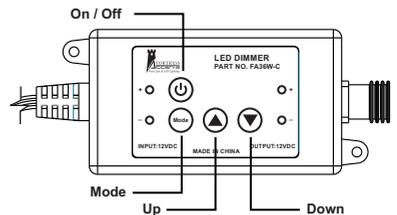
- For continuous operation of lights turn dial to "ON"
- For Dusk to Dawn operation turn dial to "Photocell Control"
- For Photocell Countdown select the time "2H", "4H", "6H" or "8H". Lights will come on when photocell sensor detects low light and stay on the specified amount of time.



### Dimmer

The touch pad on the Dimmer controls the light output of the Fortress Accents LED Lighting installation.

- Turns System On / Off.
- Allows user to select between 4 preset levels of light output.
- Allows the light output to be adjusted up or down.



### Wireless Remote

The Wireless Remote provides the user with same control as the touch pad on the Dimmer. of the light output of the Fortress Accents LED Lighting installation. Wireless Remote is 30 feet from receiver.

- Turns System On / Off.
- Allows user to select between 4 preset levels of light output.
- Allows the light output to be adjusted up or down.

