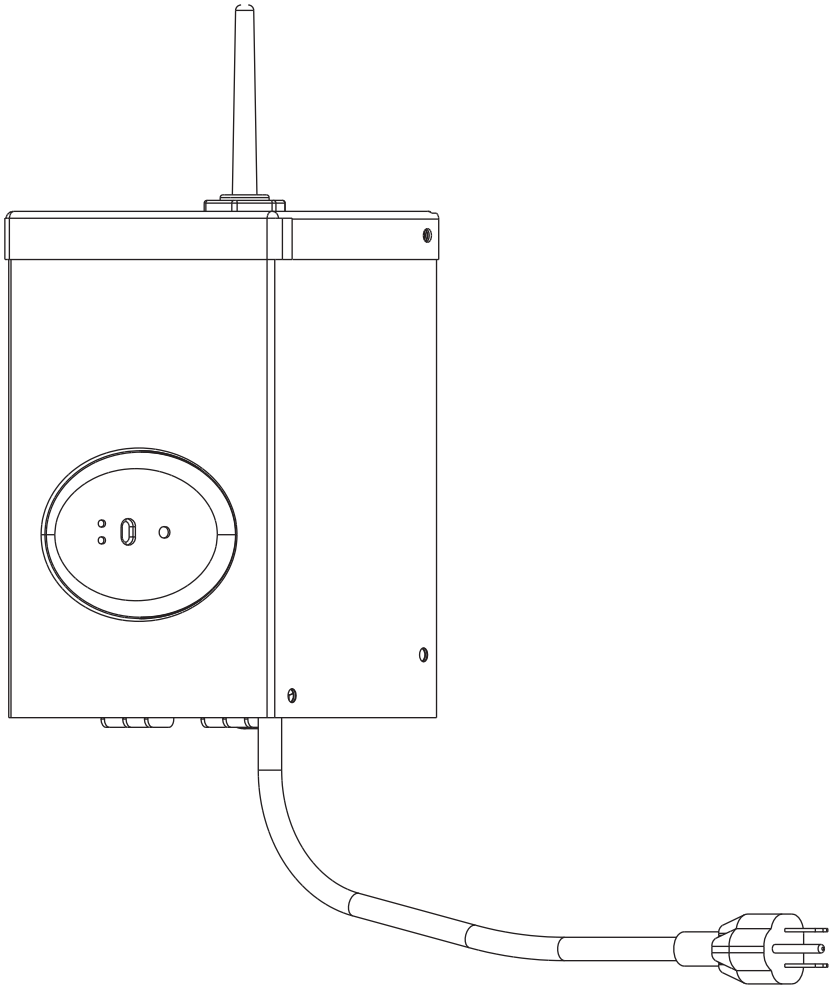
Wi-Fi Low Voltage Transformer

SKU:HOSL05D

[Instruction Manual]



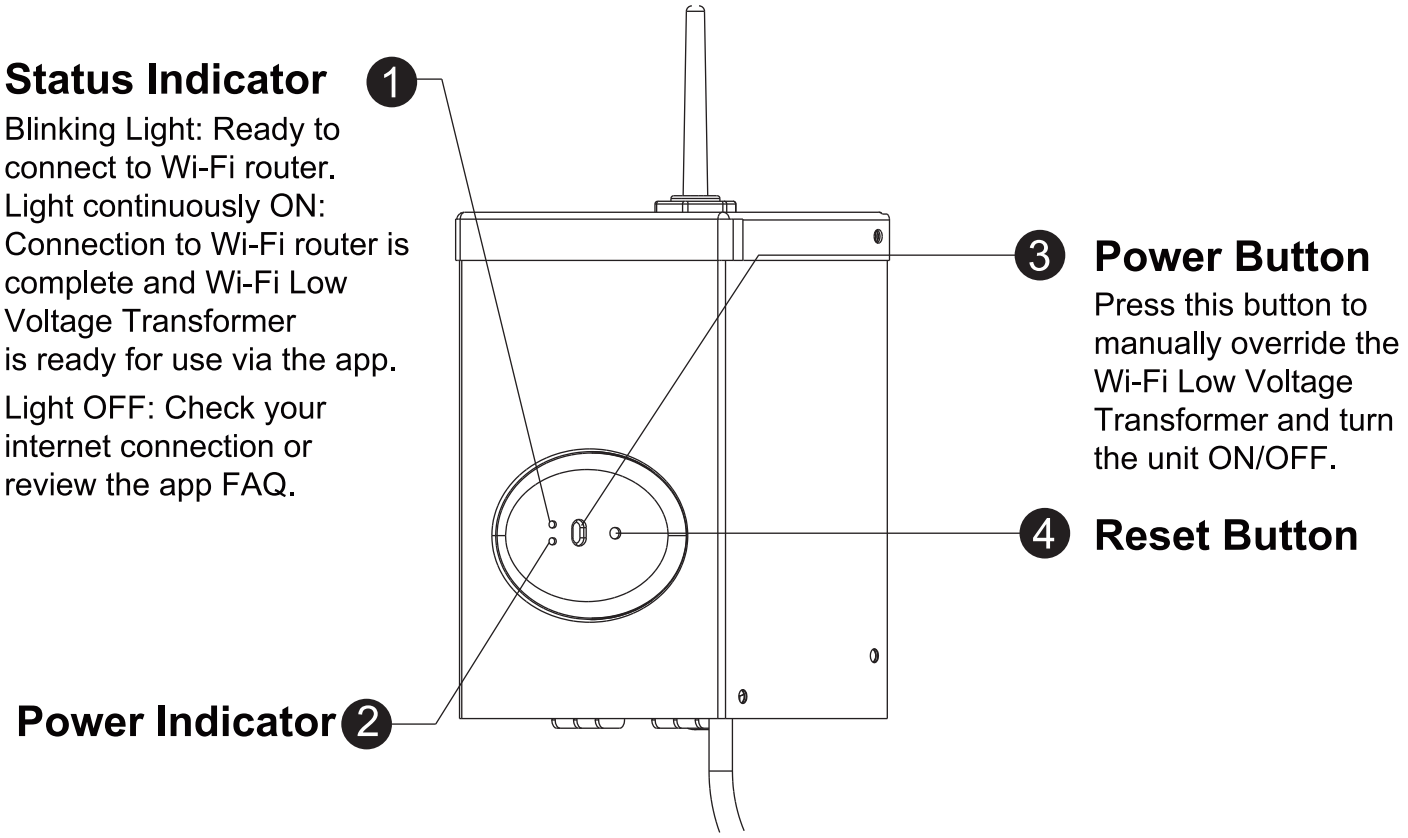
Thank you for your purchase.
Please contact us if you have any questions,
we will get back to you within 24 hours.
Email: support@dewenwils.com
Please attach your Order ID so that we can serve you better.

READ ALL INSTRUCTIONS before using the Wi-Fi Low Voltage Transformer.

Mac address: If your router identifies by Mac address, please key in the code number shown in the code label of the unit.
i.e., 3x:2x:7x:0x:Cx:Cx

Compatible with 2.4 GHz Wi-Fi networks.

If you have multiple routers in your home, especially under the same modem and using dynamic IP address mode, please notice the routers have same LAN IP address may cause IP address conflict and make the routers involved cannot access internet. Then make Wi-Fi Low Voltage Transformer cannot been discovered and controlled via internet (like user's cellular data service).



IMPORTANT: Please refer to INSTALLATION INSTRUCTION before proceeding with Wi-Fi router connection. Wi-Fi Low Voltage Transformer must be installed before connecting to Wi-Fi router.

TO CONNECT THE Wi-Fi Low Voltage Transformer TO A WI-FI ROUTER

STEP 1: Scan the QR code to download the ECO app. You can also search “Eco Plug" and download it in the app store.

ANDROID APP ON Google play

Download on the App Store

STEP 2: Reset the Wi-Fi Low Voltage Transformer.

If you decide to connect this device to a new router, or are having trouble setting up this device after multiple attempts, try resetting the Wi-Fi Low Voltage Transformer.

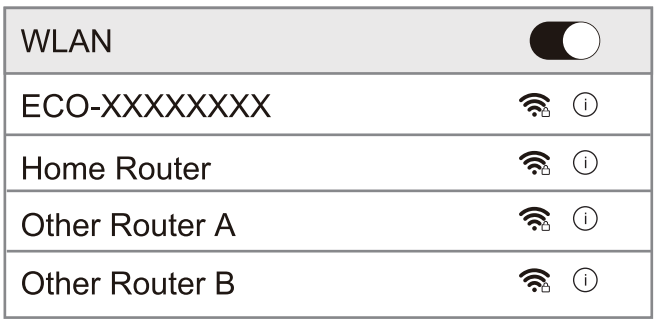
• Press and hold the Power button while pressing the Reset button with the tip of a toothpick or similar non-conductive item. Continue holding the Power button for 3-5 seconds until the Wi-Fi Status Indicator light turns off.

• When the Wi-Fi Status Indicator light turns off, release the Power button and the Wi-Fi Low Voltage Transformer has been reset.

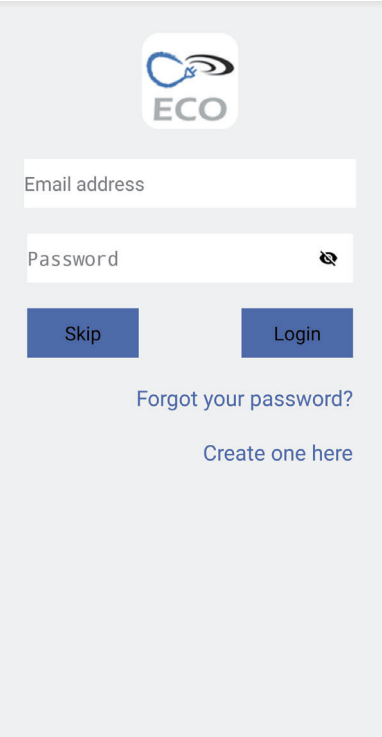
• After a few seconds the Wi-Fi Status Indicator light will begin blinking and the Wi-Fi Low Voltage Transformer is ready to be reconnected to the Wi-Fi router via the app.

This process clears any programmed settings, disconnects the app connection to the Wi-Fi router, and restores the Wi-Fi Low Voltage Transformer to the factory default setting.

STEP 3: Open the Wi-Fi connection settings of the smartphone, select ECO-XXXXXXXX, and click to connect

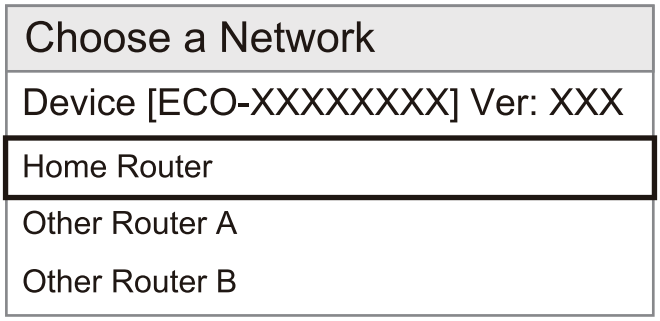


STEP 4: Open the ECO app,register an account as required and log in, then close the ECO app.

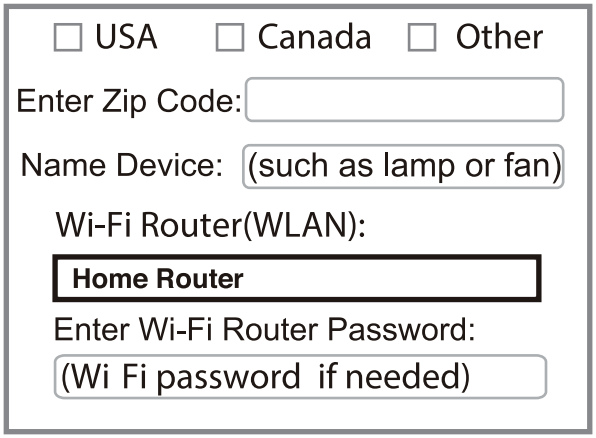


STEP 5: Open the ECO app， select the home Wi-Fi router that you want to link to the Wi-Fi Low Voltage Transformer.

NOTE: It may take a few seconds for network communication.

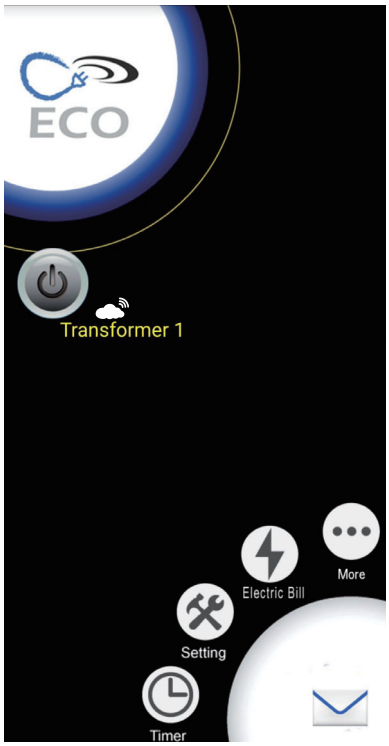


STEP 6: Fill in the information (Note: US residents enter your five-digit ZIP code, Canadian residents enter your three-digit telephone number area code). When finished filling in the information, click the SAVE SETTINGS or JOIN button. (In iOS: if you can't find the JOIN button, click in the “Password” box).



STEP 7: Connection succeeded

The status indicator light will remain on continuously to indicate that Wi-Fi connection has been established and the Wi-Fi Low Voltage Transformer is accessible via the app.



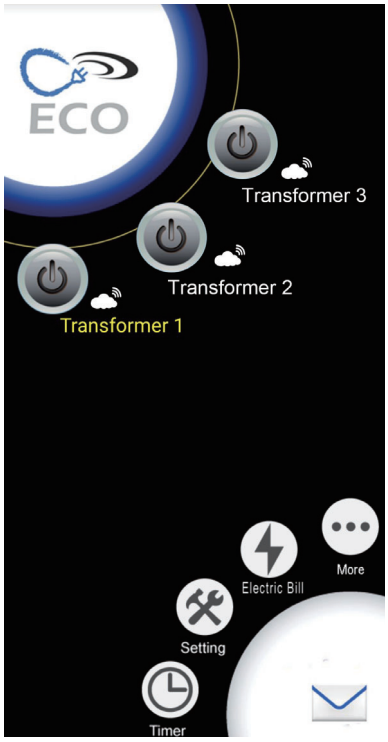
To Add Multiple Users To The ECO APP

Link to the same home router as used by first smartphone or tablet, repeat steps 4 for each additional user.

To Add Additional Wi-Fi Low Voltage Transformers To The APP

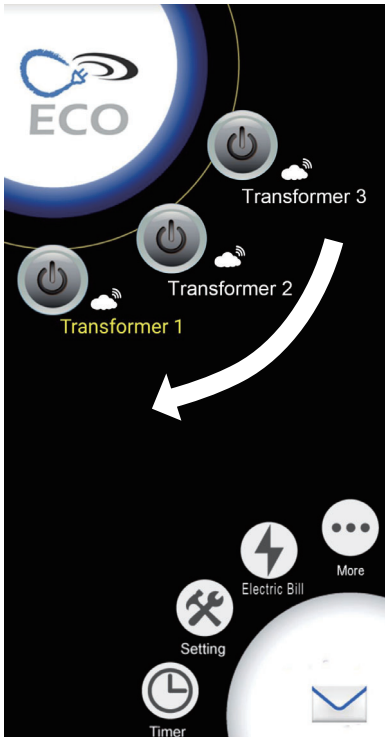
Repeat steps 2-7 for each additional Wi-Fi Low Voltage Transformer. Remember to give each transformer a different name (for example, Transformer 1, Transformer 2, Transformer 3, etc.).

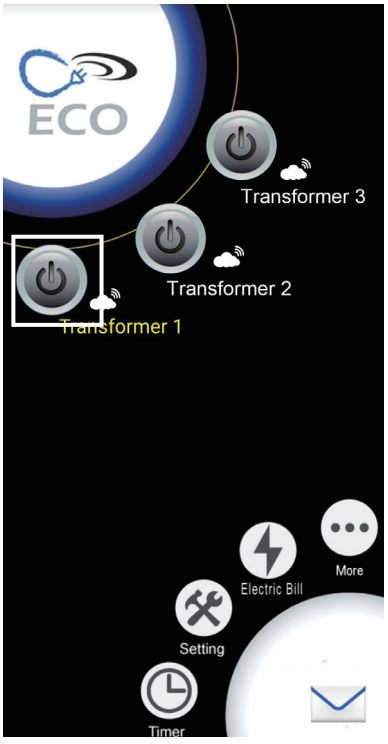
Note: You can connect to a maximum of twelve (12) Wi-Fi Low Voltage Transformers via the app.

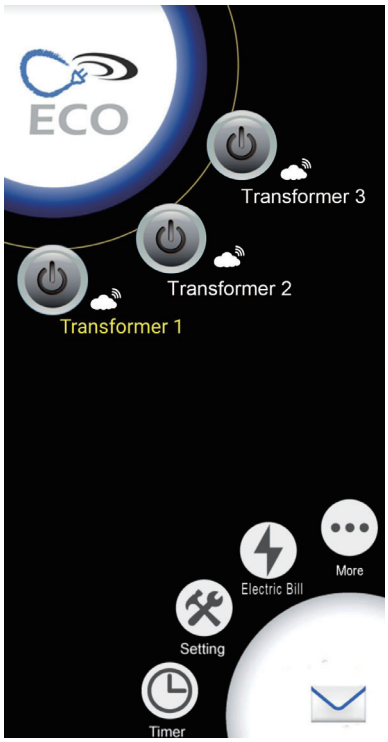


Selecting Which Device To Control

If you have multiple Wi-Fi Low Voltage Transformers connected to the app, you can choose which device you want to access (such as Transformer 1, Transformer 2, Transformer 3, etc.). To select the device, slide the desired icon to the lower left position. The Wi-Fi Low Voltage Transformer's name (such as "Transformer 1" below) will change color from white to yellow. Chosen device is now able to be programmed or edited, such as changing timer settings, updating cloud service, etc.







More: Learn more about this app, including an Q&A section.

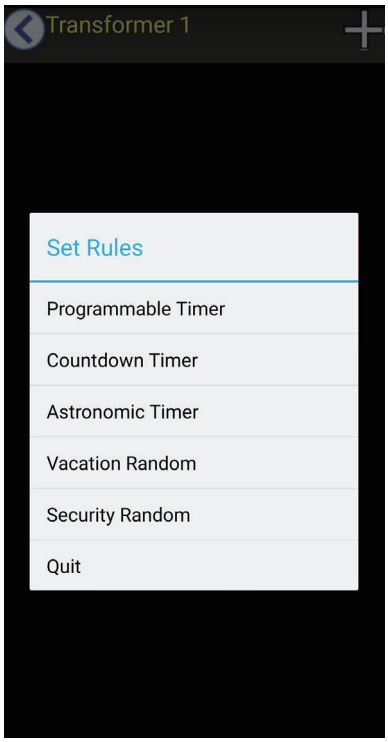
Electric Bill : Function is not available on this device.

Settings: To set your Wi-Fi Low Voltage Transformer, transfer local Wi-Fi to cloud mode, or to rename the Wi-Fi Low Voltage Transformer.

Timer: To set ON/OFF programs (up to a maximum of 12 Custom ON/OFF events).

Cloud Icon: Activates remote access function of device through 3G, 4G, LTE, public Wi-Fi network, or other Wi-Fi router.

Mailbox: To email consumer service or share app feedback.



Programmable Timer:To set custom ON-OFF events.

Countdown Timer: The controlled device will turn off after selected time.

Astronomic Timer: The controlled device will turn on or off at sunset or sunrise.

Vacation Random:The controlled device will turn on or off randomly between one of three time frames (night, day, all day).

Security Random:The controlled device will turn on and off randomly between chosen start and end times.

Programming The Timer

. Tap the icon.

. Tap the icon in the upper right corner.

. Select the timer function from the “Set Rules” list.

. Select on/off times for desired hours, minutes and days.

. Tap the checkmark to accept.

Editing The Timer Program

. Tap the icon.

. IOS: Tap the icon. Click the arrow that appears on the right of that setting to enter editing mode.

Android: Select the program to edit, tap and hold until the edit pop-up window appears.

SAFETY INSTRUCTIONS

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 connect two or more transformers in parallel.
7.Do not use the transformer with a dimmer switch.
8.Plug the power supply unit directly into a GFCI wet location outlet.
9.For use with low voltage outdoor landscape lighting system only.
10.The maximum output of this transformer is 300 watts. 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 watts.
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.

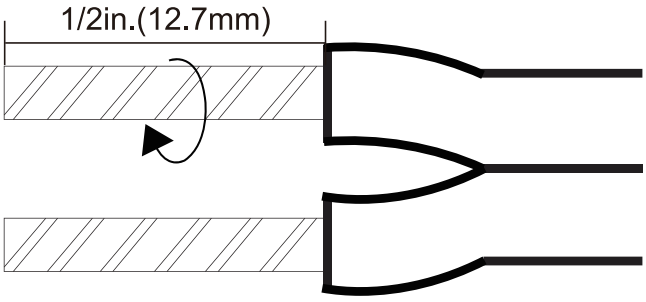
CALCULATION LIGHTING CAPACITY

The 300 Watt transformer has 300 watt circuits which will power up to 300 watts of light.To make sure the maximum number of fixtures 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 300 Watt transformer.

INSTALLATION

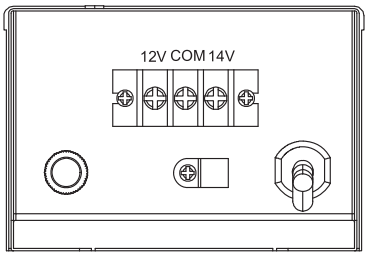
1.Preparing the Cable

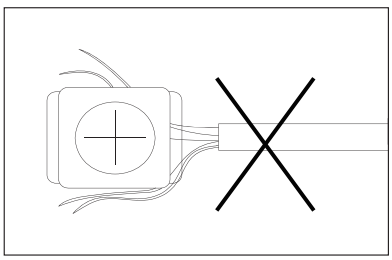
Being careful when splitting it.
NOT to expose the copper cable.
Remove the landscape cable insulation 1/2 inch from both cables and twist ends.



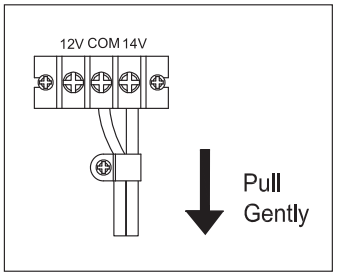
2.Connecting the cable to the Transformer

Lay the transformer on a flat, stable surface and use screwdriver to connect the stripped ends of the cable under the terminal clamping plate.
Tips: ①Thread your cable through the white plastic loop to reduce its gravity.
②As the following image shows, there are 2 terminal output ends, you can choose any of them to connect your cable.



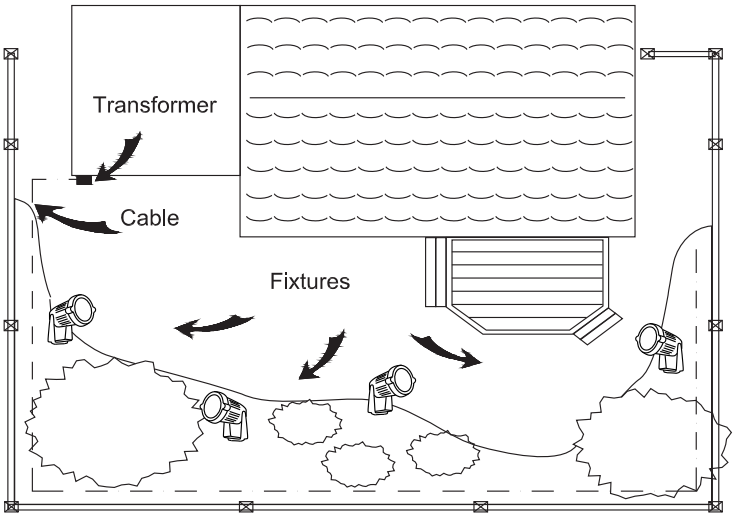


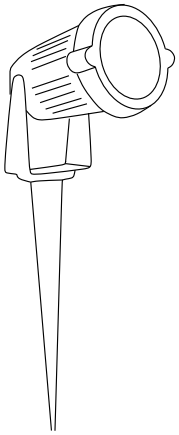
NOTE: Gently pull on the landscape cable to verify if the connection is strong.



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.



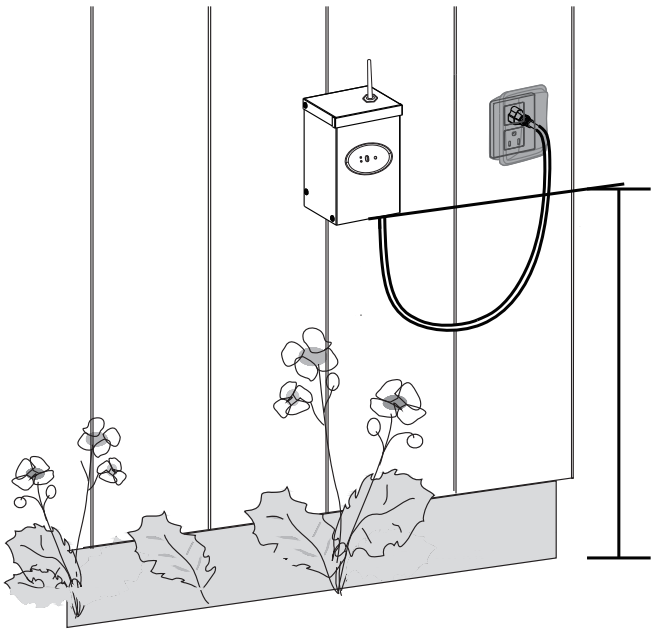


4. Attaching Your Fixtures

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. 12 inch to 48 inch (0.3 m to 1.2 m) high from the ground would be suggested.



CABLE SELECTION CHART

12 VOLT TAP	Cable Length		
Total Fixture Wattage	0-50 feet	51-100 feet	100-150 feet
0-60 Watts	16 AWG	16 AWG	14 AWG
61-120 Watts	16 AWG	14 AWG	12 AWG
121-180 Watts	14 AWG	12 AWG	Not Recommended
181-240 Watts	14 AWG	12 AWG	Not Recommended
241-300 Watts	12 AWG	Not Recommended	Not Recommended

14 VOLT TAP	Cable Length		
Total Fixture Wattage	0-50 feet	51-100 feet	100-150 feet
0-60 Watts	16 AWG[1]	16 AWG	16 AWG
61-120 Watts	16 AWG[1]	16 AWG	12 AWG
121-180 Watts	14 AWG[1]	14 AWG	12 AWG
181-240 Watts	14 AWG[1]	14 AWG	12 AWG
241-300 Watts	12 AWG[1]	12 AWG	Not Recommended

AWG[1] Not recommended for Halogen Landscape.

NOTE: This data is provided as a general guideline.Actual performance aill depend on the installation layout,the fixtures, and the condition of the cable.If the wire diameter you use is thinner than the wire diameter recommended in the table, it may cause the flickering of the end lamps.

SPECIFICATIONS

- Input Voltage: 120VAC, 60Hz
- Output: 12VAC/14VAC
- Max Power Rating: 300W

PACKING LIST

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

One-year Limited Warranty

DEWENWILS warrants this product to be free from defects in material and workmanship for a period of one year from the date of purchase. Warranty will be void if damage is due to misuse or improper installation.
Email: support@dewenwils.com

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.