

OVERVIEW

Unboxing & Components:

Understand what's included and the key features of your transformer with built-in astrological timer

Installation Steps:

A step-by-step guide for securely mounting and wiring your transformer.

Timer & Photocell Operation:

Learn how to operate your transformer using the built-in timing features and region-based scheduling.

Troubleshooting & Safety:

Solutions for common issues and maintenance tips to keep your transformer working perfectly.



UNBOXING & COMPONENTS

Inside the Box:

- 200W Transformer: The main unit for controlling your outdoor lighting.
- Power Cord: Pre-attached for easy plug-and-play setup.
- Mounting Hardware: Screws and brackets for secure installation.
- User Manual: A printed guide for setup and troubleshooting.

Key Features:

- 200W output at 12V AC
- Built-in digital timer with astrological and photocell modes
- Automatic sunset/sunrise adjustments by location
- Compact, durable, weather-resistant housing
- No WiFi or app required

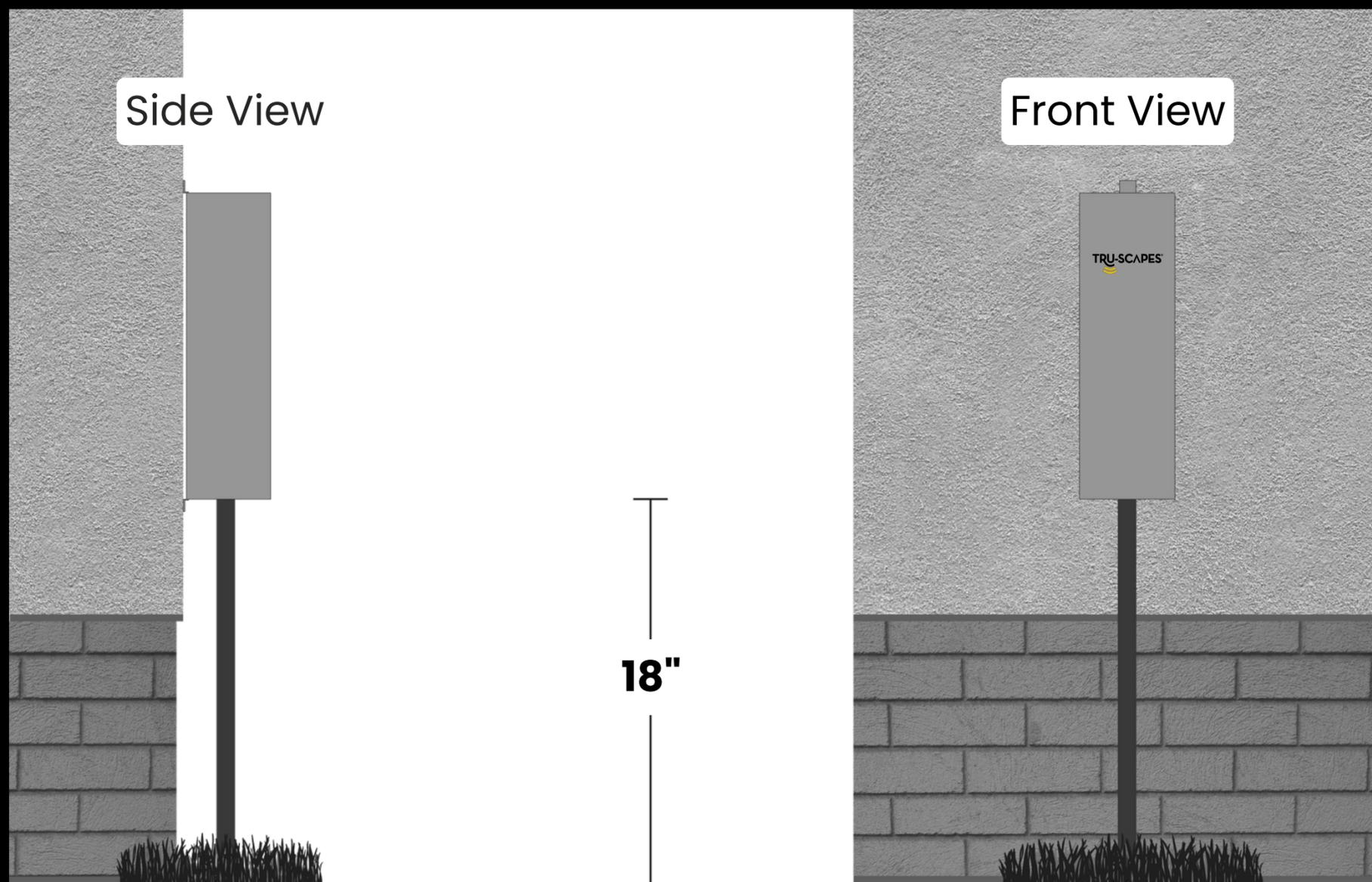


INSTALLATION STEPS

Step 1: Choose a Mounting Location

- Choose a dry, ventilated area to prevent moisture and overheating.
- Position near a 120V power source for easy electricity access.
- Maintain at least 18 inches of clearance for airflow.
- Wall-mounting is ideal for close installations, minimizing wiring and ensuring efficiency.
- For distant installations, use post mounting with conduit protection for wiring safety.

Wall-Mount Installation



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for steps 2 and 3



INSTALLATION STEPS

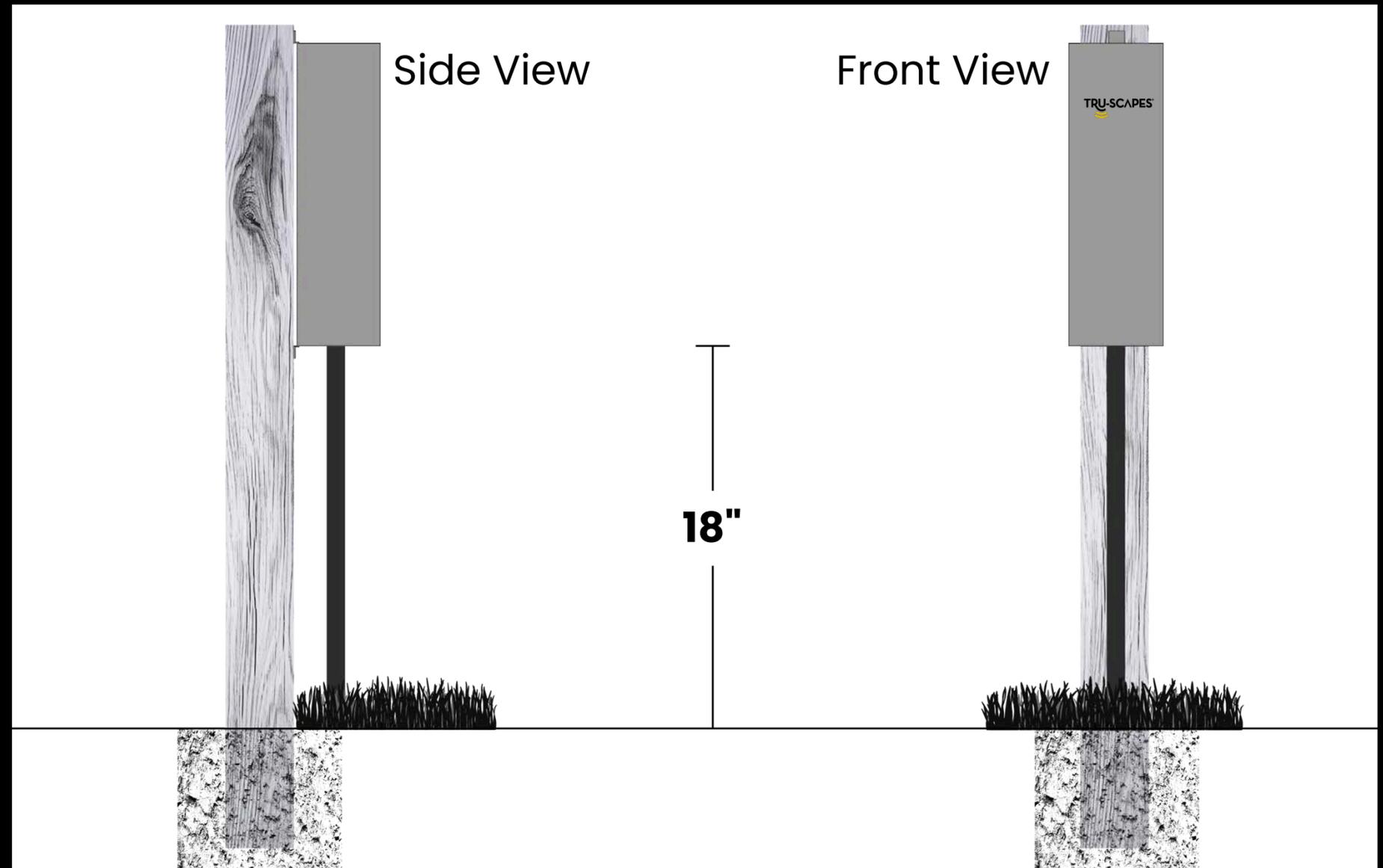
Step 2: Secure the Transformer

- Use the included mounting hardware to attach the unit to a secure surface.
- Ensure the transformer is installed vertically to prevent water buildup.

Step 3: Connect Your Lighting System

- Attach low-voltage cables to the designated output terminals.
- Double-check all screw and clamp connections to ensure a solid connection.

Post-Mount Installation



QUICK SETUP

1. CLOCK TIME SETTING

- Press Mode + Enter simultaneously and hold for 3 seconds.
- The year will begin flashing.
- Use ▲ (up) and ▼ (down) arrows to adjust. Press Enter to confirm.
- Repeat this process for month, day, hour, and minute.
- → This sets the internal clock for accurate sunset/sunrise behavior.

2. LOCATION SETTING

- Press ▲ + ▼ simultaneously and hold.
- When "Location" is flashing, use ▲ and ▼ to select your area code.
- Press Enter to confirm.
- → Your transformer now knows your region for accurate astronomical timing.

3. DEFAULT MODE STARTUP

- After clock and location setup, press and hold Mode for 3 seconds.
- "Location" icon will flash 3 times.
- → Lights will turn on at sunset and off at 11:00PM.
- → Lights will turn on again at 3:00AM and off at sunrise.



OPERATION BUTTONS

Button	Function
Mode	Scroll through timing modes (ON, OFF, AUTO, TIMER, ASTRO)
Enter	Confirm selection
▲	Navigate up or increase values
▼	Navigate down or decrease values



Load Indicator (Power Consumption Display)

- The transformer shows load percentage on a 5-bar icon.
- 1 bar = ~20% of the rated 200W load
- 5 bars = 100% load (max capacity)
- ⚠️ If overloaded, the unit will blink and shut off automatically. Reduce wattage and reset by pressing any button.

Load Indicator



MODE SETTINGS (HOW TO USE EACH MODE)

1. Press Mode to select a mode → Press Enter to confirm.

2. ON

- Lights stay ON continuously.

3. OFF

- Lights remain OFF at all times.

4. TIMER 1 / TIMER 2

- Allows setting ON and OFF times manually.
- Set TIMER 1 ON time → Press Enter
- Set TIMER 1 OFF time → Press Enter
- → Optionally repeat for TIMER 2.

5. AUTO 1 / AUTO 2 (Requires Sunlight)

- AUTO 1 uses the photocell to turn lights ON at dusk.
- Set the OFF time manually.
- AUTO 2 will appear after AUTO 1 is set – allows lights to turn ON again between Midnight – 5:59 AM and OFF at sunrise.

6. ASTRO 1 / ASTRO 2

- Uses your location to automatically calculate sunset/sunrise times.
- Adjust ON/OFF by ±10, ±20, ±30, ±40, ±50 minutes.
- “End” time options include fixed clock times or Dawn.



Note: AUTO mode relies on the photocell, ASTRO mode uses your location settings (best for shaded or indoor installs).

TROUBLESHOOTING & SAFETY

Important Safety Information

- Do not install within 10 feet (3m) of a pool, spa, or fountain.
- For use with 12V low-voltage outdoor landscape lighting only. Not for use with submersible lights or pool/spa equipment.
- The power supply unit is not serviceable. However, the Timer/App module is removable for servicing or replacement if needed.

Regulatory Compliance

- This device complies with FCC Part 15 regulations. It must not cause harmful interference and must accept any interference received, including that which may cause undesired operation.

Limited Warranty

- This product is covered by a one-year warranty against defects in workmanship and materials. For warranty details and claims, visit tru-scapes.com/warranty.

Need Help?

- For FAQs and the latest user guides, visit tru-scapes.com/faq. For customer support, email contacts@tru-scapes.com.

Troubleshooting Tips

- If lights don't turn on, check the selected mode and that the clock is properly set.
- Ensure the terminal screws are tight and wires are secure.
- Verify that your total wattage does not exceed 200W.
- If the screen is blank, confirm power at the outlet or breaker