

Lumary L-WT1D4

Lumary Solar WiFi Sprinkler Timer 4 Zone with Water Flow Meter Instruction Manual

1. PRODUCT OVERVIEW

The Lumary Solar WiFi Sprinkler Timer 4 Zone with Water Flow Meter is an advanced irrigation controller designed for efficient and automated watering of lawns, gardens, and yards. Featuring solar power, smart app control, and a built-in water flow meter, this device offers flexible watering modes and remote management capabilities to optimize water usage and simplify plant care.

2. KEY FEATURES

- **Endless Solar-Powered:** Utilizes a 90° adjustable solar panel for continuous power, with 72-hour backup and USB-C charging for emergencies.
- **Smart 4-Zone Control:** Manages up to four independent irrigation zones with customized schedules and real-time water usage tracking.
- **4 Flexible Watering Modes:** Offers timer-duration, water flow meter-volume, single mode, and cycle mode for precise irrigation.
- **WiFi Remote Control:** Manage sprinklers from anywhere via the 2.4GHz Lumary App, no additional hub required.
- **Manual Override Button:** Physical buttons allow instant zone activation without disrupting automated schedules.
- **Smart Soil Sensor Sync:** Compatible with moisture/temperature sensors (sold separately) for science-based, water-saving irrigation.
- **Smart Alerts System:** Provides real-time push notifications for watering status, device issues, and low battery, with weather-aware skipping.
- **Premium-Grade Durability:** Constructed with ABS housing, brass inlet/nylon fittings, and IP65 rating for resistance to dust, rain, and snow.

3. PACKAGE CONTENTS

The package includes the following items:

- Solar Smart Water Timer x1
- User Manual x1
- Outlet Accessory x4
- Silicone gasket x1
- Anti-Leak Tape x1
- Faucet adapter x1



Image: Contents of the Lumary Solar WiFi Sprinkler Timer package, including the timer unit, manual, and various accessories.

4. SETUP

4.1 Powering the Device

The timer is primarily solar-powered. Ensure the 90° adjustable solar panel is positioned to maximize sunlight absorption. For initial setup or in emergencies, use a USB-C cable (not over 5V/2A) to charge the device. The energy-efficient chip and super capacitor provide up to 72 hours of backup power.



Image: The Lumary Solar WiFi Sprinkler Timer connected to a faucet, highlighting its adjustable solar panel and solar charging capability.

4.2 Physical Installation

1. Attach the timer's brass inlet to your outdoor faucet. Ensure a tight connection to prevent leaks. Use the provided anti-leak tape and silicone gasket if necessary.
2. Connect your garden hoses to the desired outlet accessories (zones 1-4) at the bottom of the timer.

Endless Solar Power

Only 10 minutes of effective light, support daily watering

90°

Adjustable Panel

50000HOURS

Super Capacitor

400µa/h

Low Standby Power



Image: A close-up of the Lumary Solar WiFi Sprinkler Timer installed on an outdoor faucet, with hoses connected to its outlets.

4.3 App Download and Pairing

1. Download the **Lumary App** from your device's app store and register an account.
2. **Wake Up Device:** If the timer is in sleep mode, press and hold the power button for 5 seconds to wake it up. The indicator light will illuminate briefly. If it doesn't light up, charge the device via USB-C or direct sunlight.
3. **Enter Pairing Mode:** Press and hold the power button again for 5 seconds until the indicator light starts to breathe (blink slowly). This indicates pairing mode.
4. **Pair with App:** In the Lumary App, search for and add the device. The timer connects via 2.4GHz WiFi (no hub required).

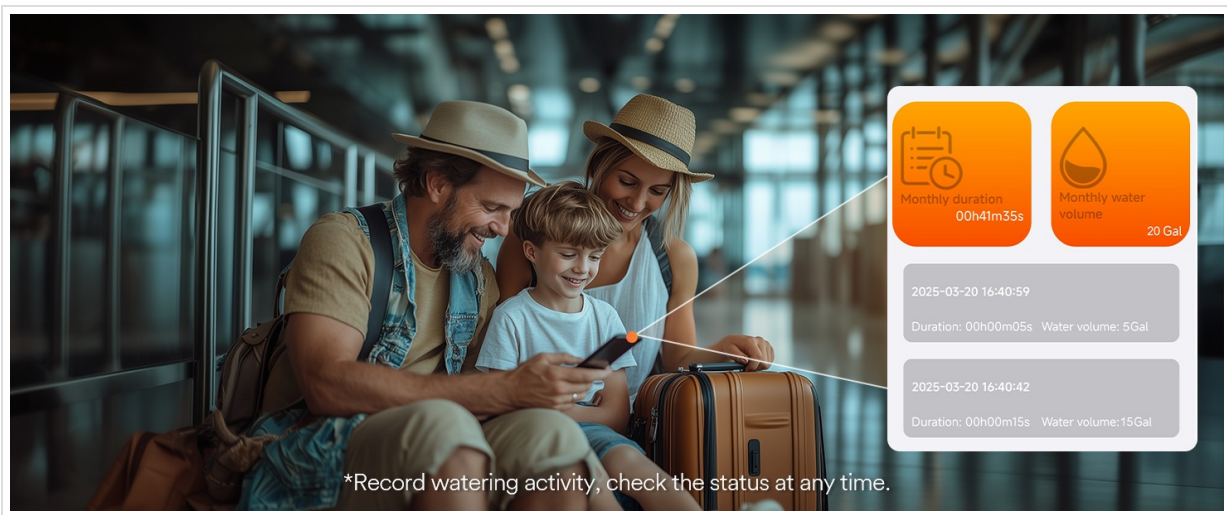


Image: A visual guide showing the steps to download the Lumary App, search for the device, enter WiFi information, and successfully add the timer.

Your browser does not support the video tag.

Video: A seller-provided video demonstrating how to activate the sleep mode and pair the Lumary Solar WiFi Sprinkler Timer with the app.

5. OPERATING INSTRUCTIONS

5.1 Setting Watering Schedules

Use the Lumary App to set customized watering schedules for each of the 4 zones. You can define start times, watering duration, and frequency (e.g., daily, every other day, specific days of the week).



Image: The Lumary App interface displaying options to set start times, watering duration, and watering cycles for four independent zones.

5.2 Flexible Watering Modes

The timer supports various watering modes:

- **Timer-Duration:** Set watering based on a specific time duration.
- **Water Flow Meter-Volume:** Set watering based on a specific volume of water (gallons), allowing for precise irrigation and water conservation.
- **Single Mode:** For one-time watering events.
- **Cycle Mode:** For repetitive watering cycles.



Image: The Lumary App interface illustrating the different watering modes available, including duration-based and volume-based options for single or cycle watering.

5.3 Manual Override

Use the physical buttons on the timer to manually activate or deactivate a zone without affecting the programmed schedule. This is useful for immediate watering needs.



Image: A hand pressing a button on the Lumary Sprinkler Timer, demonstrating the manual override function.

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Video: A seller-provided video demonstrating how to manually set the volume, time, and zones for watering using the timer's interface.

6. APP CONTROL AND SMART FEATURES

6.1 Remote Control and Monitoring

Control your sprinkler timer from anywhere using the Lumary App on your smartphone. The app provides real-time monitoring of watering activity and allows for adjustments on the go.



Image: A person relaxing while remotely controlling their sprinkler system using the Lumary App on a smartphone.

6.2 Smart Soil Sensor Sync (Optional)

Pair the timer with a compatible moisture/temperature sensor (sold separately) to enable science-based watering. For example, set a rule to water Valve 1 for 5 minutes when soil moisture drops below 30%.

1 TOP	 Professional Top Seller in Smart Recessed Lighting
100 TOP	 Top 100 Smart Lighting Enterprises
400+ PATENT	 Has Applied for over 400 Patents in Smart Home
2M+ USER	 Registered Lumary Home App users all around the world
CES	 2024 CES Innovation Award Winner

Image: A diagram illustrating the connection between the water timer, a 2-in-1 soil meter, and a smartphone app for an auto irrigation system.

6.3 Smart Alerts System

Receive real-time push notifications for watering status, device issues, and low battery. The weather-aware system can automatically skip watering when rain is detected, preventing overwatering.



Image: The Lumary App showing monthly duration and water volume records, along with individual watering activities, for tracking and smart alerts.

6.4 Sharing Functionality

Share control of your smart irrigation system with family members through the Lumary App.

Lumary		Other
WHY CHOOSE US		
Connection Mode	No Need Hub, 2.4Ghz Only	Manual / Need Hub
Battery Life	365 Days - Solar Energy	30 Days
Flow Monitoring	APP Statistical Analysis	Not Applicable
Operation Method	Remote / Alexa / Manual	Manual
Material	Brass Inlet with Strainer	Plastic

Image: The Lumary App interface demonstrating the option to share device control with other users.

7. MAINTENANCE

7.1 Durability and Water Source

The timer features a premium-grade construction with ABS housing and brass inlet/nylon fittings, ensuring durability. It is IP65 rated, providing resistance to dust, rain, and snow. It is compatible with any water source providing 3-115 PSI.



Image: The Lumary Solar WiFi Sprinkler Timer showcasing its rain delay feature and IP65 waterproof rating, indicating its suitability for outdoor use.

7.2 Winterization

To prevent damage, avoid using the timer in sub-zero temperatures. For winter storage, hold the power button for 5 seconds to activate hibernation mode.

8. TROUBLESHOOTING

8.1 Device Not Waking Up/Pairing

- If the device does not wake up after pressing the power button for 5 seconds, it may be out of power. Charge it using a 10W USB-C cable or place it in direct sunlight.
- Ensure your WiFi network is 2.4GHz, as the device does not support 5GHz networks.

8.2 Leaks

- Ensure the connection to the faucet is tight. Use the provided anti-leak tape and silicone gasket.
- Check your faucet's anti-siphon valve for leaks, as this can sometimes be mistaken for a timer leak.

9. SPECIFICATIONS

Attribute	Value
Brand	Lumary
Model Number	L-WT1D4
Color	Orange
Material	Brass
Product Dimensions	8.3"D x 2.3"W x 5.7"H
Item Weight	0.88 Kilograms (1.94 pounds)
Number of Settings	4
UPC	810185340156
Date First Available	May 23, 2025

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in your product's user manual or visit the official Lumary website.