

LeiDrail

LD-0216 SOLAR
POWERED ADDRESS
SIGN



LeiDrail LD-0216 Solar Powered Address Sign User Manual

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LeiDrail

LeiDrail LD-0216 Solar Powered Address Sign



INTRODUCTION

A creative and fashionable way to display your home address day or night is with the LeiDrail LD-0216 Solar Powered Address Sign. With a sleek and contemporary design, this sign has a 1200mAh rechargeable battery that, when fully charged, can illuminate for up to 10 hours. Its 20 lumen brightness ensures that you can see clearly in dim light. Its solar-powered architecture makes it quick to install and environmentally benign by doing away with the need for wiring. This sturdy address sign is ideal for homeowners wishing to improve curb appeal and safety because it is made to endure a variety of weather conditions. It was initially offered on September 26, 2018, for \$29.99, by LeiDrail, a reputable maker of superior solar lighting products. For a sleek and well-lit address display, the LD-0216 is a dependable option for your mailbox, office, or home.

SPECIFICATIONS

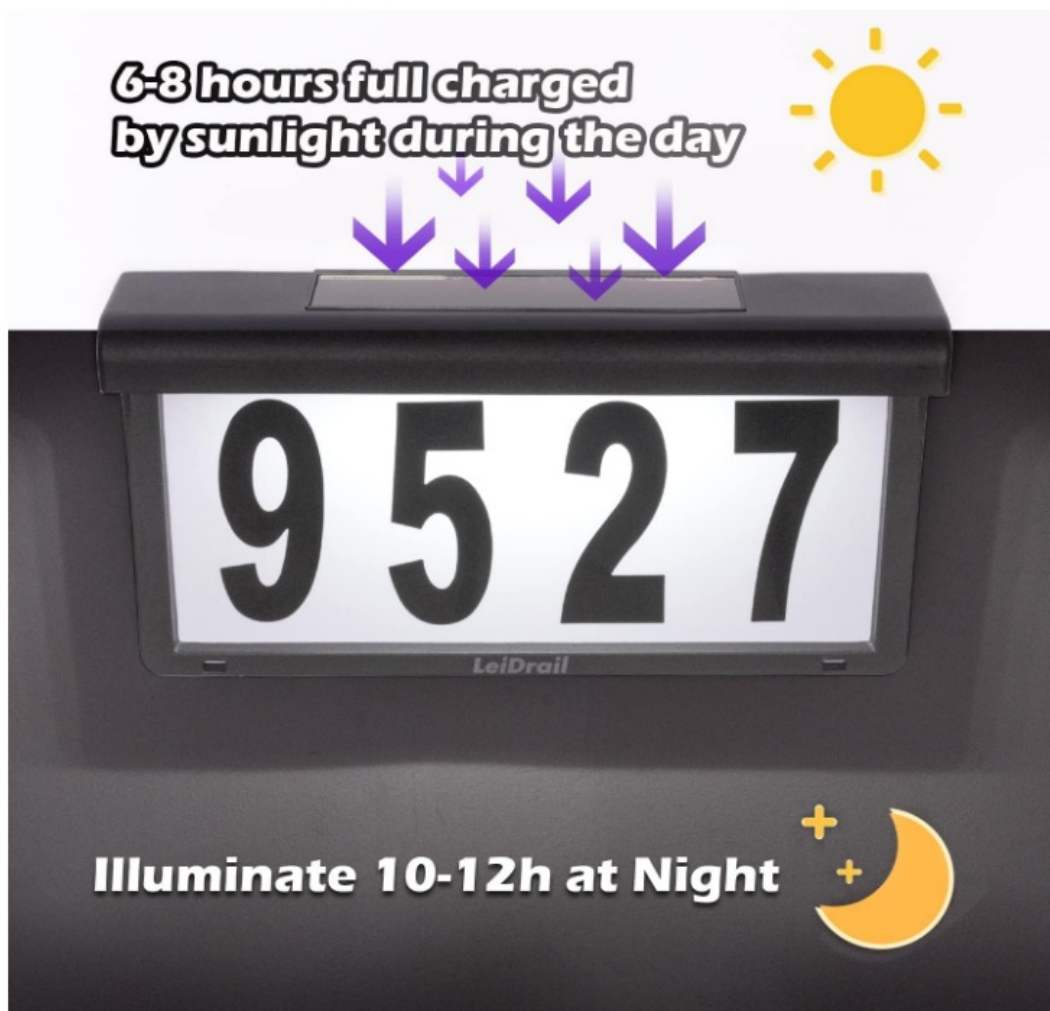
Brand	LeiDrail
Price	\$29.99
Item Weight	2.13 pounds
Max. Working Time	10 hours
Battery Capacity	1200mAh
Brightness	20 lumens
Charging Time	Fully charges in 6-8 hours under direct sunlight
Product Dimensions	12.4 x 6.9 x 2.5 inches
Item Model Number	LD-0216
Batteries Required	1 AA battery
Date First Available	September 26, 2018
Manufacturer	LeiDrail

WHAT'S IN THE BOX

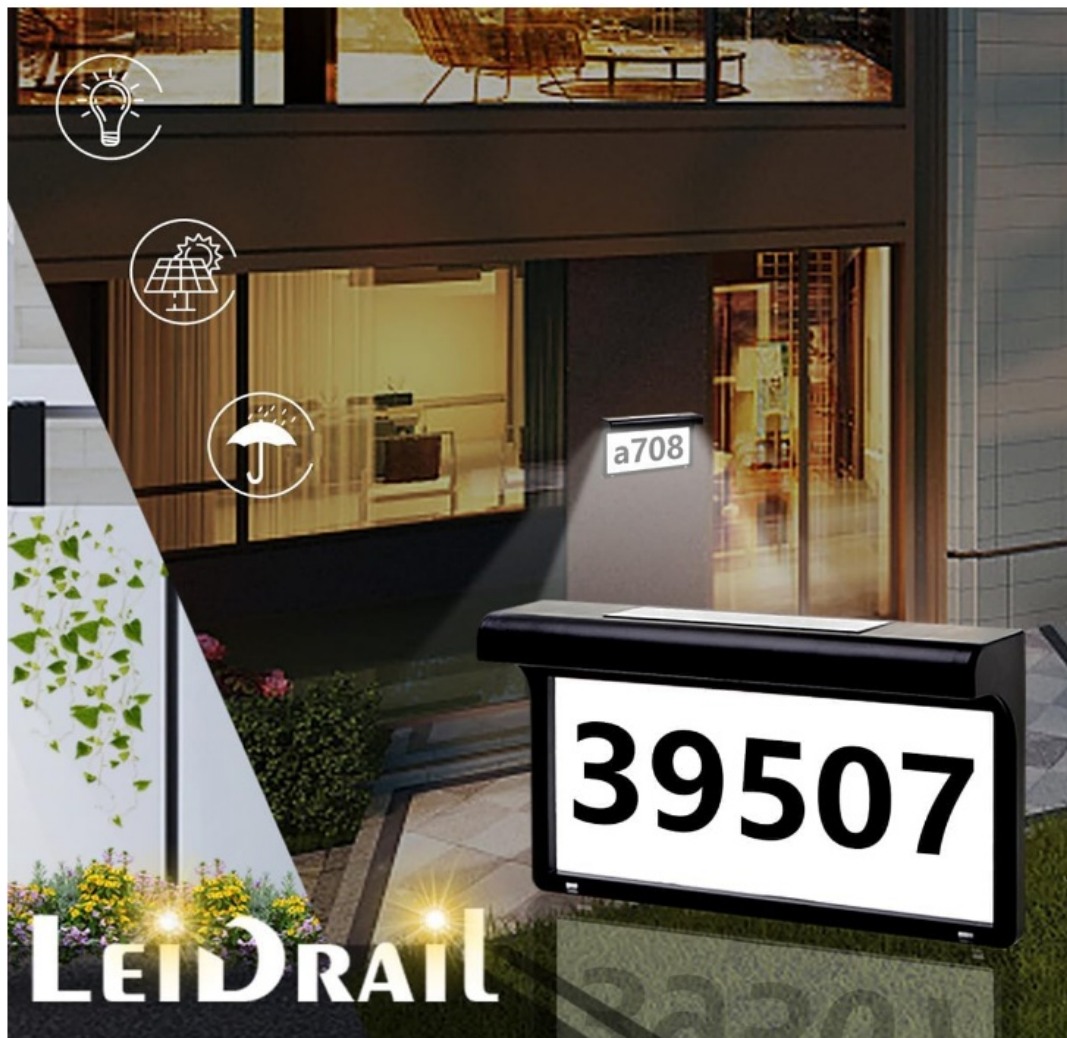
- Solar Powered Address Sign
- User Manual

FEATURES

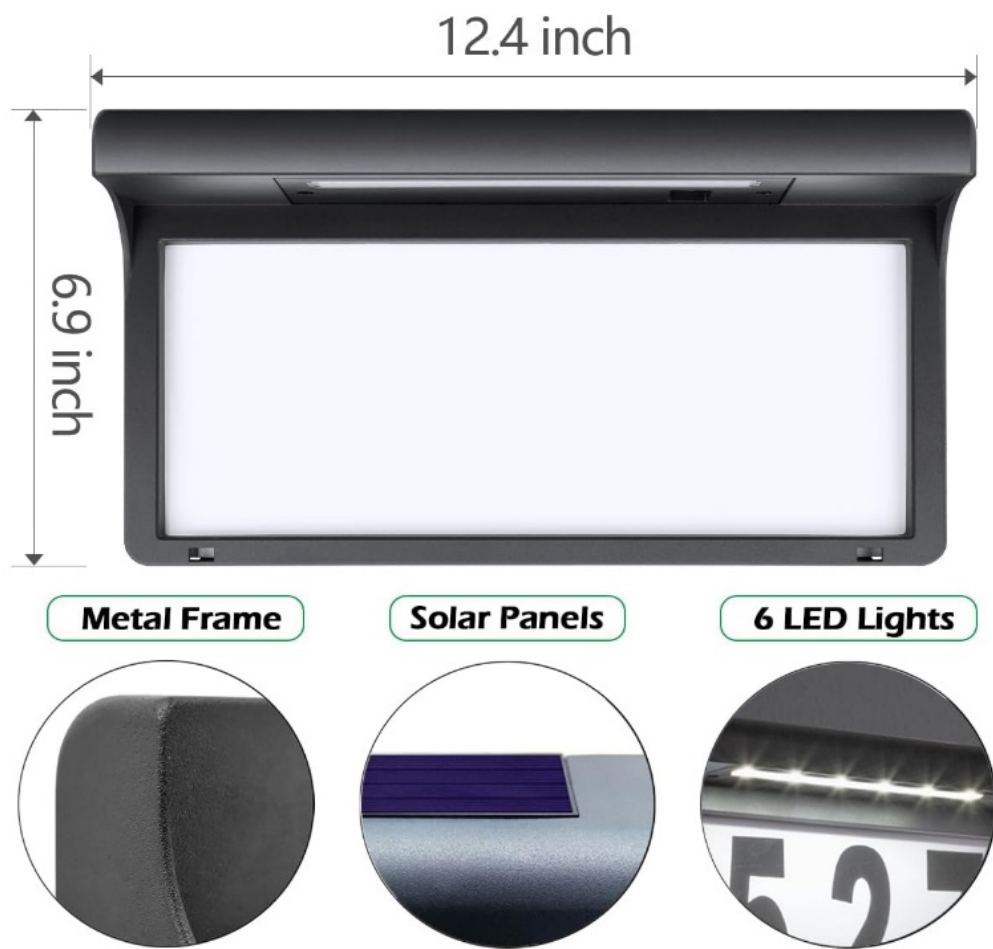
- **Automatic Light Sensor:** The light is automatically turned on at nightfall and off at dawn thanks to an integrated smart brightness sensor.
- **Long-Lasting Illumination:** After being fully charged for 6–8 hours in direct sunlight, it may illuminate for 10–12 hours.



- **Bright White LED Lighting:** Six SMD white LEDs provide a brightness of 12 lumens, allowing for good nighttime vision.



- With its **black aluminium frame**, this modern minimalist design complements a variety of architectural styles.
- **Sturdy Metal Frame:** Longevity and a stylish appearance are guaranteed by the premium aluminum construction.
- **Customizable House Digits:** Contains two number templates for varying address lengths, one set of letters (A-E), and four sets of digits (0-9).
- **Big, Easy-to-Read Numbers:** Number stickers are highly visible because they are 4 inches high and 1.7 inches wide.



- **Weatherproof Design:** Perfect for outdoor use, waterproof construction resists rain, snow, and intense heat.



- **Energy-Efficient and Environmentally Friendly:** Runs entirely on solar power and doesn't require electricity or batteries.
- **Wireless and Easy to Install:** Operation doesn't require any electrical setup or wiring.
- **Assists Emergency Responders & Delivery Services:** Makes sure that at night, visitors, physicians, ambulances, and couriers can find your home with ease.
- **Lightweight and Compact:** Weighing only 2.13 pounds, it is simple to move and install.
- **1200mAh Rechargeable Battery:** Effectively stores solar energy for prolonged use.
- **Secure & Sturdy Mounting:** Made to be stable, this mounting stops movement in inclement weather or strong winds.
- **Adaptable Positioning:** Depending on personal taste, it can be affixed to garden pegs, walls, or fences.

SETUP GUIDE

- **Unpack and Check Contents:** Make sure everything is there, including the mounting accessories, address sign, solar panel, and number stickers.
- **Charge Before Using:** To ensure that the battery is fully charged, place the address sign in direct sunlight for 6 to 8 hours.
- **Turn on Auto Mode:** To activate automatic nighttime illumination, turn the sign on to "AUTO" mode.
- **Choose an Installation Location:** To maximize charging, pick an area that receives the most sunlight.
- **Attach the Number Stickers:** To ensure that numbers are aligned correctly, use the number templates that are supplied for addresses with three, four, or five digits.
- **Secure the Stickers:** To guarantee a solid, long-lasting hold, clean the surface before putting the numbers.

- **Choose the Mounting Method:** Decide whether to affix the sign to a fence, wall, or ground stake.
- **Wall Mounting:** Mount on concrete, brick, or wood using screws and anchors if necessary.
- **Fence or Gate Mounting:** Attach using adhesive strips or zip ties.
- **Ground Placement:** To firmly place the stake in the earth, dig a small hole.
- **Adjust Solar Panel Orientation:** Tilt the panel to get as much sunlight as possible during the hottest parts of the day.
- **Test the Light Sensor:** Cover the solar panel to see if the LED lights turn on by themselves.
- **Monitor Charging Performance:** Ensure that the panel receives at least six hours of direct sunlight each day for best results.
- **Final Adjustments:** Secure the sign firmly to prevent movement due to wind or external factors.
- **Enjoy Hands-Free Operation:** After installation, the address sign will turn on automatically each night.

CARE & MAINTENANCE

- **Clean the Solar Panel Every Month:** Dirt and debris can obstruct sunlight, decreasing charging efficiency.
- **Use a Soft Cloth for Cleaning:** To prevent scratches, wipe the solar panel with a damp cloth.
- **Examine Battery Performance:** Replace the AA rechargeable battery if brightness noticeably drops.
- **Check Number Stickers Frequently:** If stickers start to peel due to weather exposure, reapply them.
- **Remove Snow and Ice in Winter:** Keep the solar panel clear to ensure continuous charging.
- **Ensure Unobstructed Sunlight:** Trim overhanging branches or relocate objects that block sunlight.
- **Prevent Water Accumulation:** If ground-mounted, ensure proper drainage to avoid standing water.
- **Secure the Installation:** Regularly tighten mounting brackets or screws to keep everything stable.
- **Store Indoors During Severe Weather:** In case of hurricanes or strong storms, bring the sign indoors temporarily.
- **Check Auto Sensor Periodically:** Cover the panel to ensure the lights turn on properly in the dark.
- **Reposition if Necessary:** If illumination time decreases, move the sign to a sunnier location.
- **Avoid Harsh Cleaning Agents:** Use water or mild soap instead to prevent damage.
- **Monitor Performance After Cloudy Days:** Expect slightly dimmer light output after prolonged overcast weather.
- **Adjust Solar Panel Angle Seasonally:** Optimize solar absorption by tilting the panel based on seasonal sun positions.
- **Test Light Output Frequently:** Ensure consistent brightness for night visibility and replace components as needed.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Sign does not light up	Insufficient sunlight exposure	Place in direct sunlight for at least 6-8 hours
Dim or weak light output	Battery not fully charged	Allow for a full charge before use
Sign turns off too quickly	Battery is aging	Replace with a new AA rechargeable battery
Flickering light	Loose connections or defective LED	Ensure proper installation or contact support
Sign does not stay on for 10 hours	Partial charging due to cloudy weather	Relocate to a spot with better sunlight exposure
Numbers are hard to read at night	Dust or dirt on the sign	Clean with a soft cloth and mild detergent
Battery not charging	Solar panel is obstructed	Remove obstructions and clean the panel
Light is too dim even after full charge	Battery capacity has degraded	Replace the battery if it no longer holds a charge
Moisture inside the unit	Weather seal is compromised	Dry thoroughly and reseal if necessary
Light does not respond to changes in ambient light	Sensor malfunction	Check for obstructions or contact support for a replacement

PROS & CONS

Pros	Cons
Solar-powered, no wiring needed	Requires 6-8 hours of direct sunlight for full charge
Weather-resistant for year-round use	Limited brightness in extremely cloudy conditions
Easy to install with included mounting hardware	Not customizable beyond the included number set
Long battery life (up to 10 hours)	Light output may fade over time
Modern, sleek design enhances curb appeal	No motion sensor or dimming option

WARRANTY

The LeiDrail LD-0216 Solar Powered Address Sign comes with a 12-month manufacturer warranty, covering defects in materials and workmanship. For any warranty-related inquiries, customers can contact LeiDrail's customer support for assistance.

FREQUENTLY ASKED QUESTIONS

How long does the LeiDrail LD-0216 Solar Powered Address Sign operate at night?

The LeiDrail LD-0216 can glow for up to 10 hours when fully charged in direct sunlight for 6-8 hours.

What are the dimensions of the LeiDrail LD-0216 Solar Powered Address Sign?

The LeiDrail LD-0216 measures 12.4 inches in length, 6.9 inches in width, and 2.5 inches in height, making it compact yet highly visible.

What type of battery does the LeiDrail LD-0216 Solar Powered Address Sign use?

The LeiDrail LD-0216 comes with a 1200mAh rechargeable battery and requires one AA battery for operation.

How bright is the LeiDrail LD-0216 Solar Powered Address Sign?

The LeiDrail LD-0216 emits 20 lumens of light, ensuring clear visibility of house numbers even in low-light conditions.

Why is my LeiDrail LD-0216 Solar Powered Address Sign not lighting up?

Ensure that the solar panel is receiving direct sunlight, the battery is properly installed, and the power switch is turned on.

What should I do if the LeiDrail LD-0216 Solar Powered Address Sign is dim?

If the brightness is low, allow it to charge in direct sunlight for at least 6-8 hours or replace the rechargeable battery if it's old.

Can I replace the battery in my LeiDrail LD-0216 Solar Powered Address Sign?

You can replace the AA rechargeable battery when necessary. Use a similar 1200mAh battery for the best performance.

How can I extend the lifespan of my LeiDrail LD-0216 Solar Powered Address Sign?

To maximize durability, regularly clean the solar panel, avoid placing it in extreme weather conditions, and ensure it receives full sunlight daily.

VIDEO – PRODUCT OVERVIEW



[References:plus/wp-content/uploads/2025/02/LeiDrail-LD-0216-Solar-Powered-Address-Sign-User-Manual.mp4](#)

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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