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> JESLED 108LED Solar Motion Sensor Light User Manual

JESLED SW-SWL108-02

JESLED 108LED Solar Motion Sensor Light User Manual

Model: SW-SWL108-02 | Brand: JESLED

1. INTRODUCTION

Thank you for choosing the JESLED 108LED Solar Motion Sensor Light. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new outdoor lighting solution. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The JESLED 108LED Solar Motion Sensor Light is designed to provide efficient and reliable outdoor illumination with its advanced solar charging and motion detection capabilities. It features a durable, waterproof design suitable for various weather conditions.

2.1 Key Features

- Adjustable Solar Panel:** The solar panel can be rotated 180 degrees vertically for optimal sunlight absorption, and the lamp base can be rotated 45 degrees for adjustable lighting angle.
- Super Bright Illumination:** Equipped with 108 high-quality LED beads, providing up to 800 lumens of bright light.
- Long Battery Life:** Built-in 2600mAh battery, capable of providing 5-7 nights of operation on a full charge.
- 4 Smart Lighting Modes:** Offers versatile lighting options to suit different needs and environments.
- IP65 Waterproof:** Designed to withstand rain, snow, and extreme temperatures, ensuring stable and durable performance outdoors.
- Easy Installation & Battery Replacement:** Portable design with a separate battery compartment for convenient setup and maintenance.

2.2 Components



Figure 2.2.1: Main view of the JESLED 108LED Solar Motion Sensor Light.

Lumières solaires à détecteur de mouvement

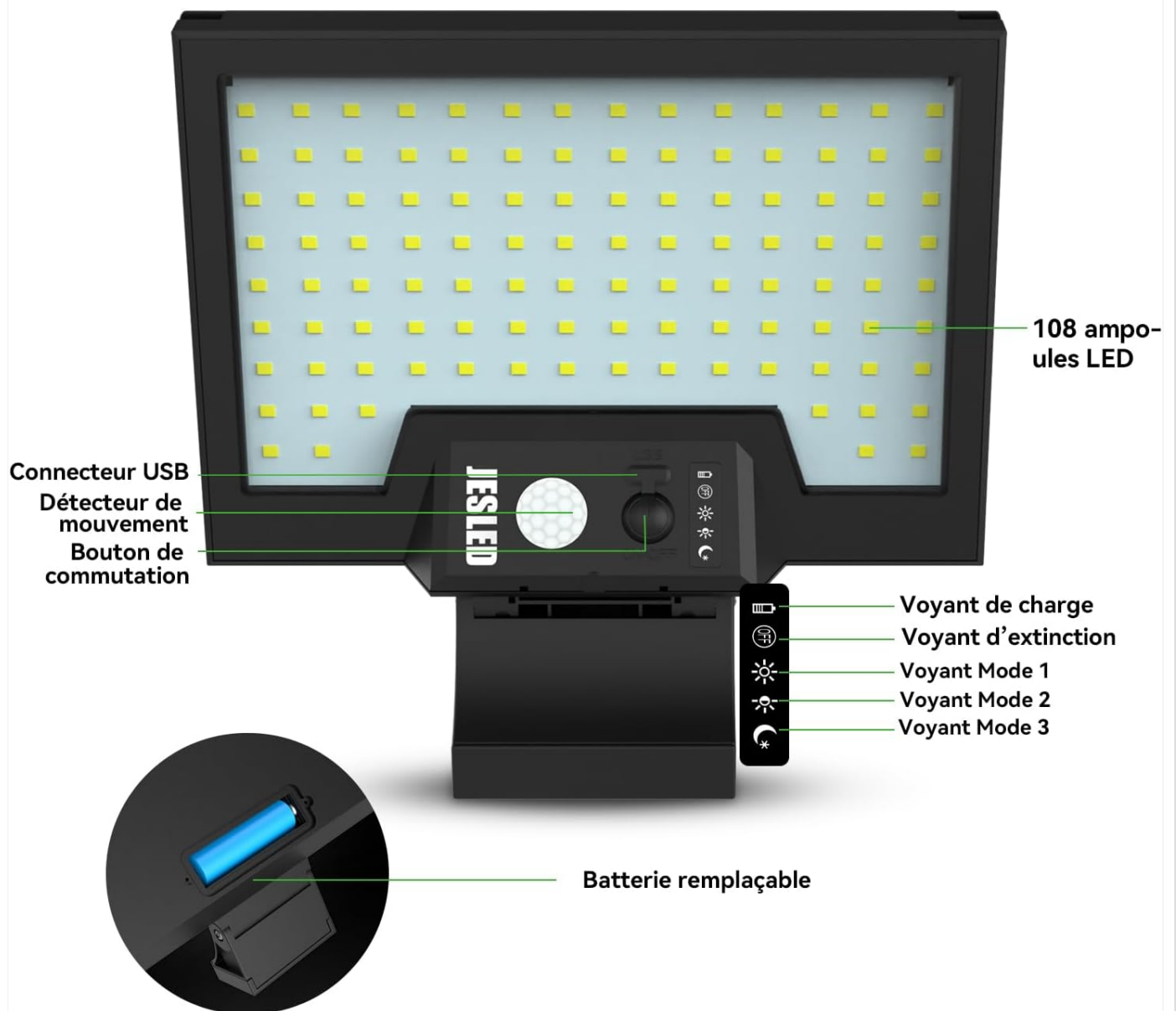


Figure 2.2.2: Detailed view of the light's components, including 108 LED bulbs, USB connector, motion detector, switch button, and replaceable battery.

Panneau solaire réglable



Prise de charge
Type-C



Couvercle coulissant
amovible



Base réglable

Figure 2.2.3: Illustration of the 180-degree adjustable solar panel and 45-degree adjustable light base for optimal positioning.

2.3 What's in the Box

- Outdoor Solar Lamp
- Instruction Manual (this document)
- Mounting Hardware

3. SETUP & INSTALLATION

Follow these steps to properly set up and install your solar light.

3.1 Pre-Installation Checklist

- Ensure the solar panel is placed in an area that receives direct sunlight for at least 6-8 hours daily.
- Avoid installing near other light sources (e.g., streetlights) that might interfere with the light sensor.
- Confirm all included components are present.

3.2 Mounting Instructions

1. Choose a suitable location on a wall, fence, or pole where the solar panel can receive maximum sunlight.
2. Use the provided mounting hardware (screws and anchors) to securely attach the light's base to the chosen surface.
3. Adjust the solar panel's angle (up to 180 degrees) to face the sun for optimal charging.
4. Adjust the lamp body's angle (up to 45 degrees) to direct light to your desired area.

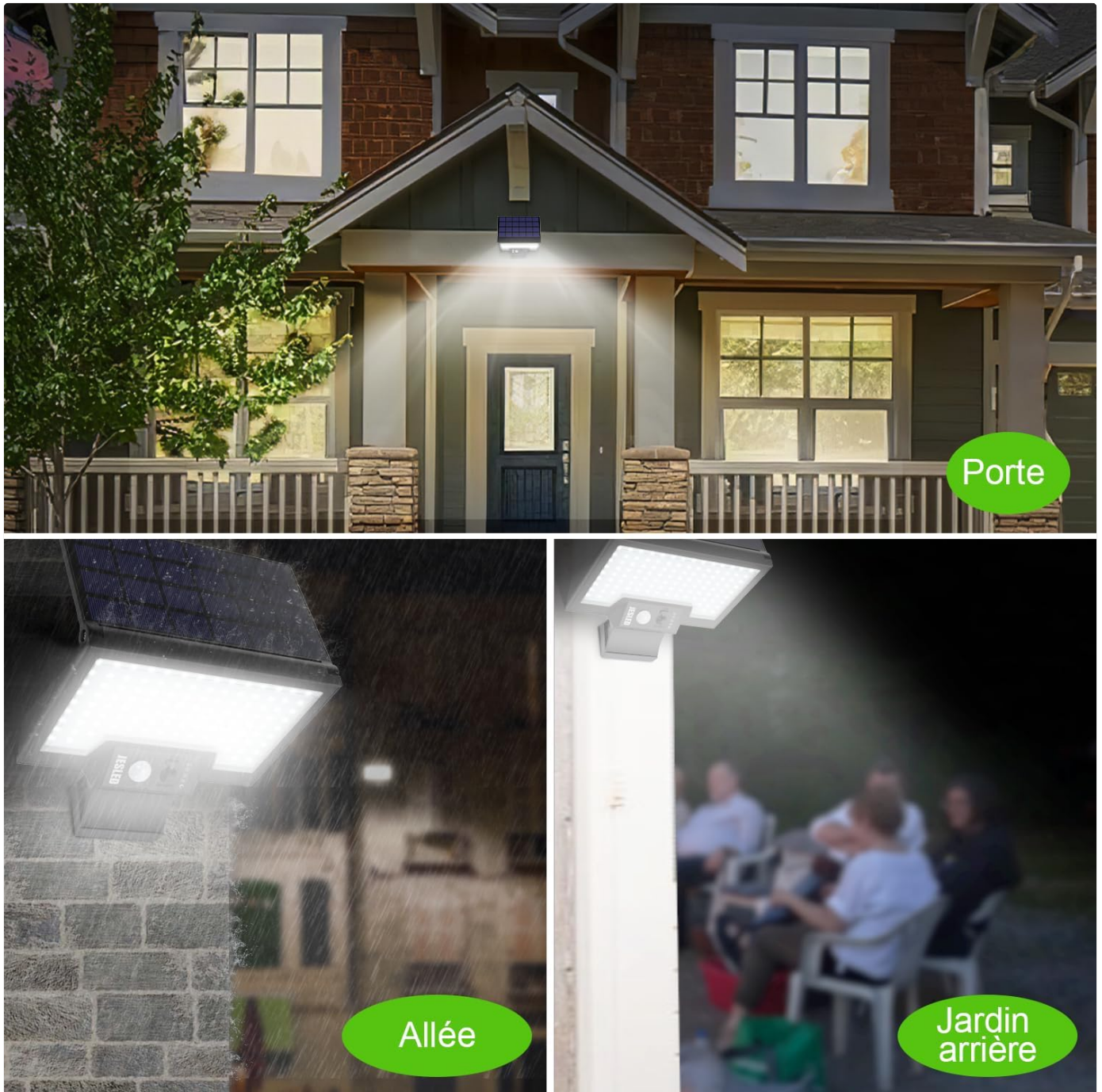


Figure 3.2.1: Examples of ideal installation locations such as near a door, in an alley, or in a backyard.



Figure 3.2.2: The light charges during the day and automatically illuminates at night.

4. OPERATING MODES

The JESLED solar light features 4 intelligent operating modes, selectable via the switch button on the unit.

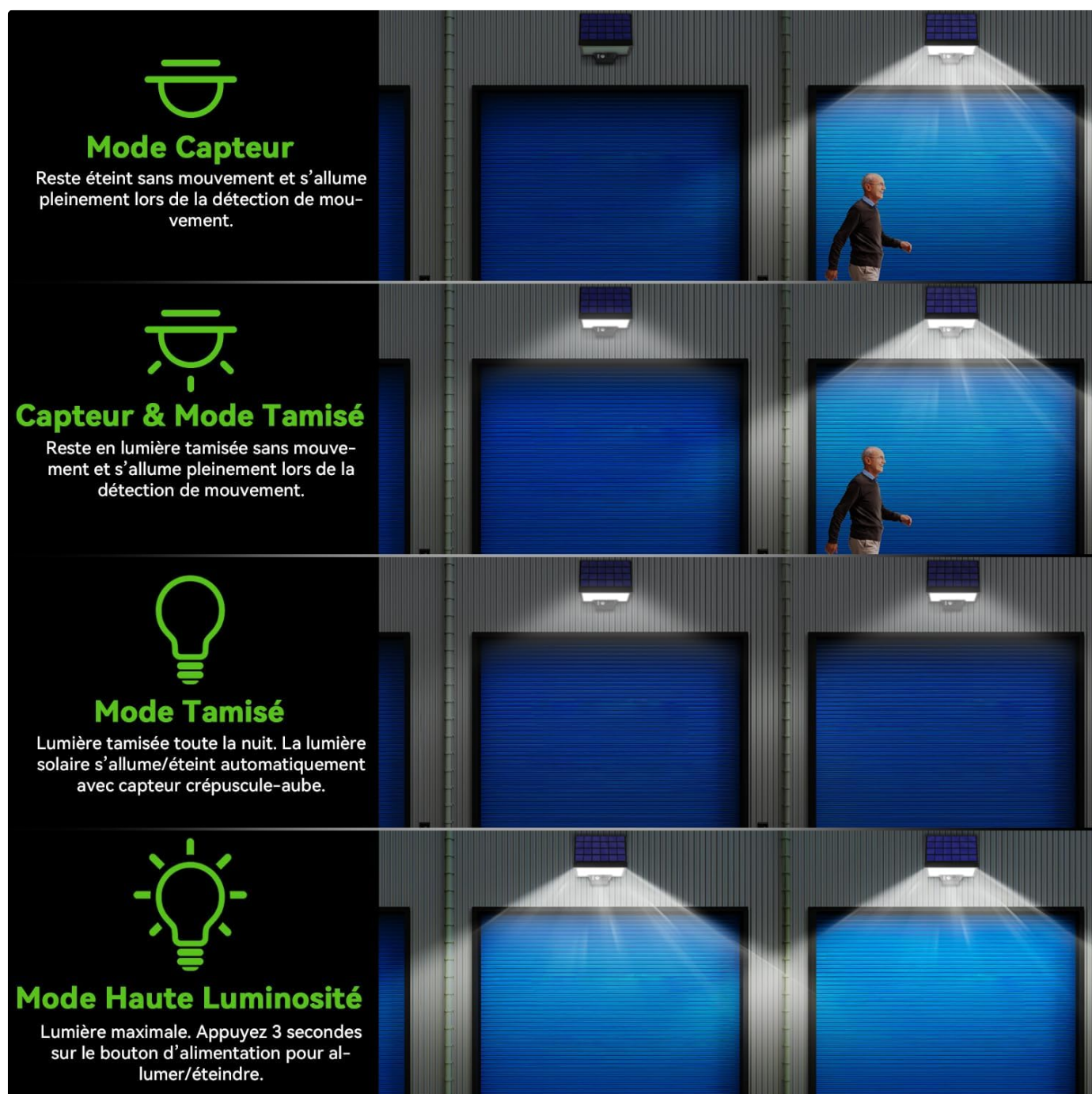


Figure 4.1: Visual representation of the four smart lighting modes.

- **Mode 1: Sensor Mode**

The light remains off without motion detection. When motion is detected, the light turns on at full brightness and turns off after approximately 15-25 seconds of no motion.

- **Mode 2: Sensor & Dim Mode**

The light stays in a dim brightness without motion detection. When motion is detected, the light brightens to full intensity and returns to dim mode after the person moves away.

- **Mode 3: Dim Mode**

The light stays at a continuous dim brightness throughout the night. It automatically turns on at dusk and off at dawn, entering charging mode during the day.

- **Mode 4: High Brightness Mode**

The light remains at maximum brightness continuously. To activate or deactivate this mode, press and hold the power button for 3 seconds.

5. MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your solar light.

5.1 Cleaning

- Periodically clean the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient sunlight absorption.
- Wipe the LED light surface and motion sensor with a clean, dry cloth to maintain clear light output and sensor sensitivity.

5.2 Battery Replacement

The light features a replaceable battery for extended product life. Refer to Figure 2.2.2 for the battery compartment location.

1. Carefully open the battery compartment cover.
2. Remove the old battery.
3. Insert a new compatible Lithium-polymer battery (2600mAh) ensuring correct polarity.
4. Securely close the battery compartment cover to maintain the IP65 waterproof rating.

6. TROUBLESHOOTING

If you encounter issues with your JESLED solar light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight exposure; battery not charged.	Ensure solar panel receives 6-8 hours of direct sunlight daily. Relocate if necessary.
Light stays dim or turns off quickly.	Low battery charge; solar panel is dirty.	Allow more charging time. Clean the solar panel surface.
Motion sensor not working.	Sensor obstructed; incorrect mode selected.	Clear any obstructions from the sensor. Ensure the light is in Mode 1 or Mode 2.
Light flickers or behaves erratically.	Loose battery connection; faulty battery.	Check battery connection. Consider replacing the battery if issues persist.

7. SPECIFICATIONS

Detailed technical specifications for the JESLED 108LED Solar Motion Sensor Light.

Attribute	Value
Brand	JESLED
Model Number	SW-SWL108-02
Product Dimensions (L x W x H)	19.5 x 19 x 6.5 cm
Item Weight	500 grams
Power Source	Solar Power
Battery Type	1 Lithium-polymer (included)
Number of LEDs	108

Attribute	Value
Luminous Flux	800 lm
Wattage	10.8 Watts
Color Temperature	6000 Kelvin (Cool White)
Waterproof Rating	IP65
Special Features	Motion Sensor, Energy Efficient, Waterproof, Low Voltage
Installation Type	Wall Mount
Specific Uses	Driveway, Fence, Courtyard, Garden, Above-ground Pool

8. WARRANTY & SUPPORT

JESLED is committed to providing high-quality products and excellent customer service.

8.1 Warranty Information

This product comes with a **2-year warranty** from the date of purchase, covering manufacturing defects and material faults under normal use. Please retain your proof of purchase for warranty claims.

8.2 Return Policy

You may be eligible for a **free return within 30 days** of purchase. Refer to the retailer's return policy for specific terms and conditions.

8.3 Customer Support

For any questions, technical assistance, or warranty claims, please contact JESLED customer service. We offer **24/7 assistance** to ensure your satisfaction.

Contact information can typically be found on the product packaging or the official JESLED website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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