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> BRILONER LED Battery-Powered Outdoor Wall Light with Motion and Twilight Sensor (Model 3788015)

BRILONER 3788015

BRILONER LED Battery-Powered Outdoor Wall Light with Motion and Twilight Sensor

Model: 3788015

1. INTRODUCTION

Thank you for choosing the BRILONER LED Battery-Powered Outdoor Wall Light. This product is designed to provide efficient and convenient outdoor illumination with integrated motion and twilight sensors. Please read this instruction manual carefully before installation and operation to ensure proper use and longevity of your device. Keep this manual for future reference.

2. SAFETY INSTRUCTIONS

- Ensure the product is installed on a stable surface.
- Do not expose the product to extreme temperatures or direct sunlight for prolonged periods.
- This product is rated IP44 for splash water protection. Do not submerge it in water.
- Only use the provided USB-C cable for charging.
- Do not attempt to open or modify the product. This may void the warranty and pose a safety risk.
- Keep out of reach of children.
- Dispose of batteries according to local regulations.

3. PACKAGE CONTENTS

Please check that all components are present in the package:

- BRILONER LED Outdoor Wall Light (Model 3788015)
- USB-C Charging Cable (0.5m)
- Mounting Accessories (screws, wall plugs)
- Instruction Manual

4. PRODUCT OVERVIEW

The BRILONER LED Outdoor Wall Light features a sleek design with integrated smart technology for optimal outdoor lighting.





Figure 1: Front view of the BRILONER LED Outdoor Wall Light, showcasing its minimalist design and integrated motion sensor.

Key features include:

- **High-Quality LED Lighting:** 6W LED board providing 700 lumens of warm white light (3000K).
- **Smart Sensor Technology:** Integrated motion detector with a 100° detection angle and up to 5 meters range. Includes a twilight sensor, adjustable between 5 and 25 lux, for automatic illumination in darkness.
- **Efficient Battery:** Built-in rechargeable battery, charged via the included 0.5m USB-C cable.
- **Weather-Resistant:** IP44 protection against splash water, suitable for various outdoor conditions.



Figure 2: Visual representation of key features: Warm white light (3000K), IP44 splash water protection, and integrated twilight sensor.



Figure 3: Illustration demonstrating the motion sensor's 5-meter range and detection pattern.

5. SETUP AND INSTALLATION

5.1 Initial Charging

Before first use, fully charge the device. Connect the provided USB-C cable to the charging port on the light and to a suitable USB power adapter (not included). A full charge takes approximately 8.5 hours.

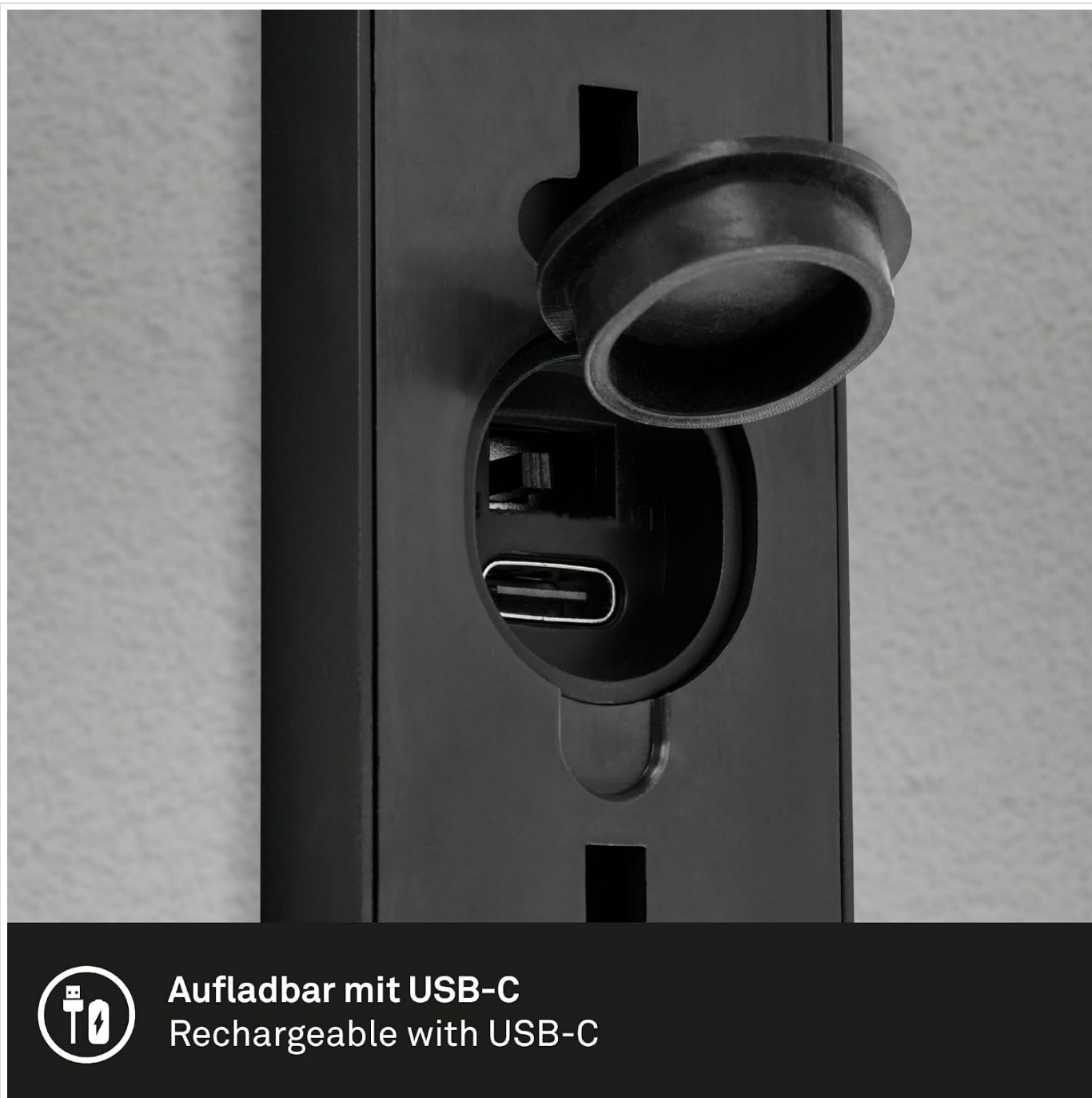


Figure 4: Close-up of the USB-C charging port, typically located on the side or back of the unit, protected by a rubber cover.

5.2 Mounting the Wall Light

1. Choose a suitable location on an outdoor wall, ensuring it is within the desired detection range for the motion sensor and away from direct obstructions.
2. Mark the drilling points on the wall using the light's mounting plate as a template.
3. Drill holes at the marked positions and insert the wall plugs.
4. Secure the mounting plate to the wall using the provided screws.
5. Attach the BRILONER LED Outdoor Wall Light to the mounted plate, ensuring it is firmly secured.



Figure 5: Example of the wall light installed on an exterior wall, providing illumination for an entrance area.

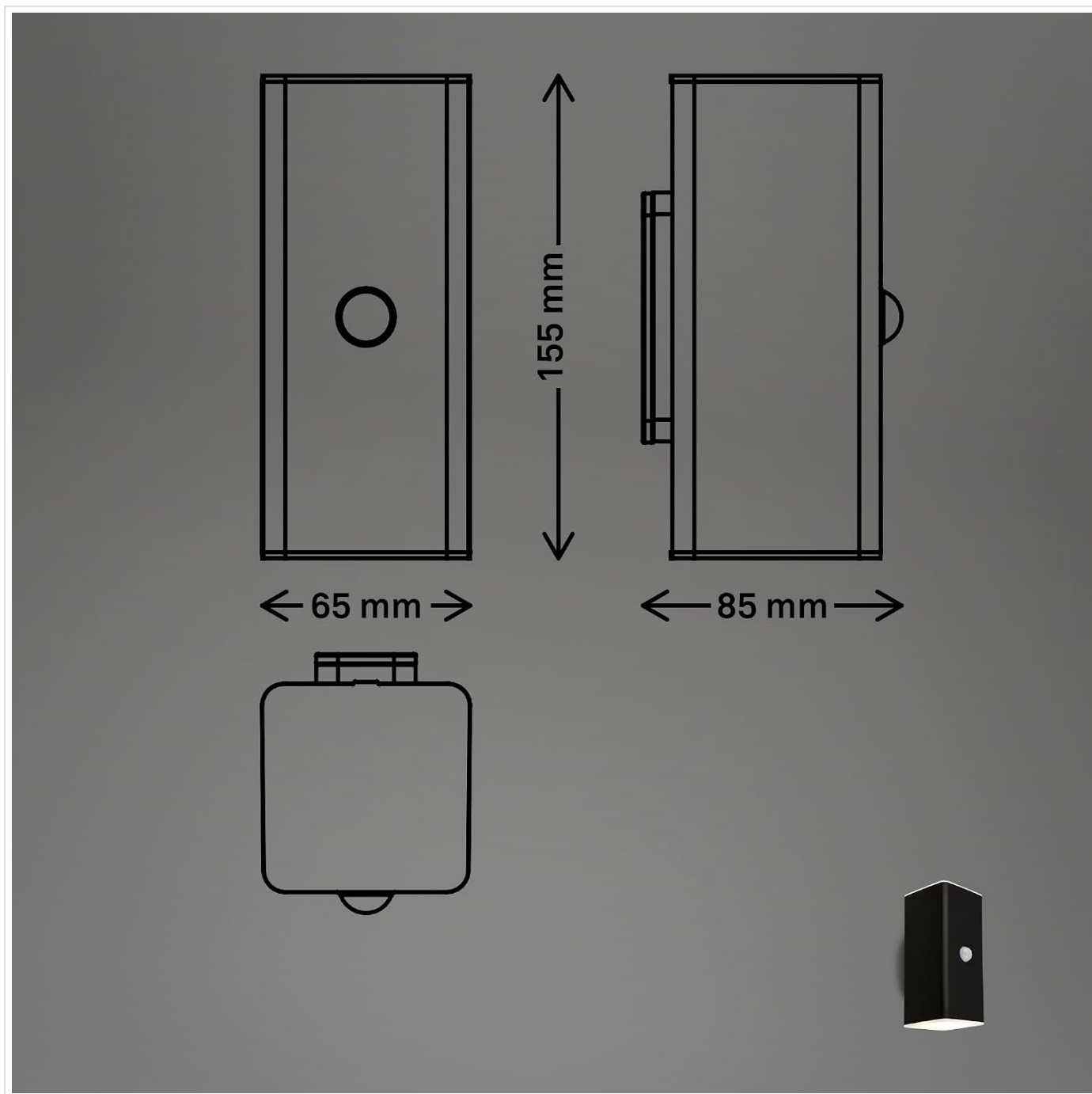


Figure 6: Technical drawing showing the dimensions of the wall light: 155mm (height) x 65mm (width) x 85mm (depth).

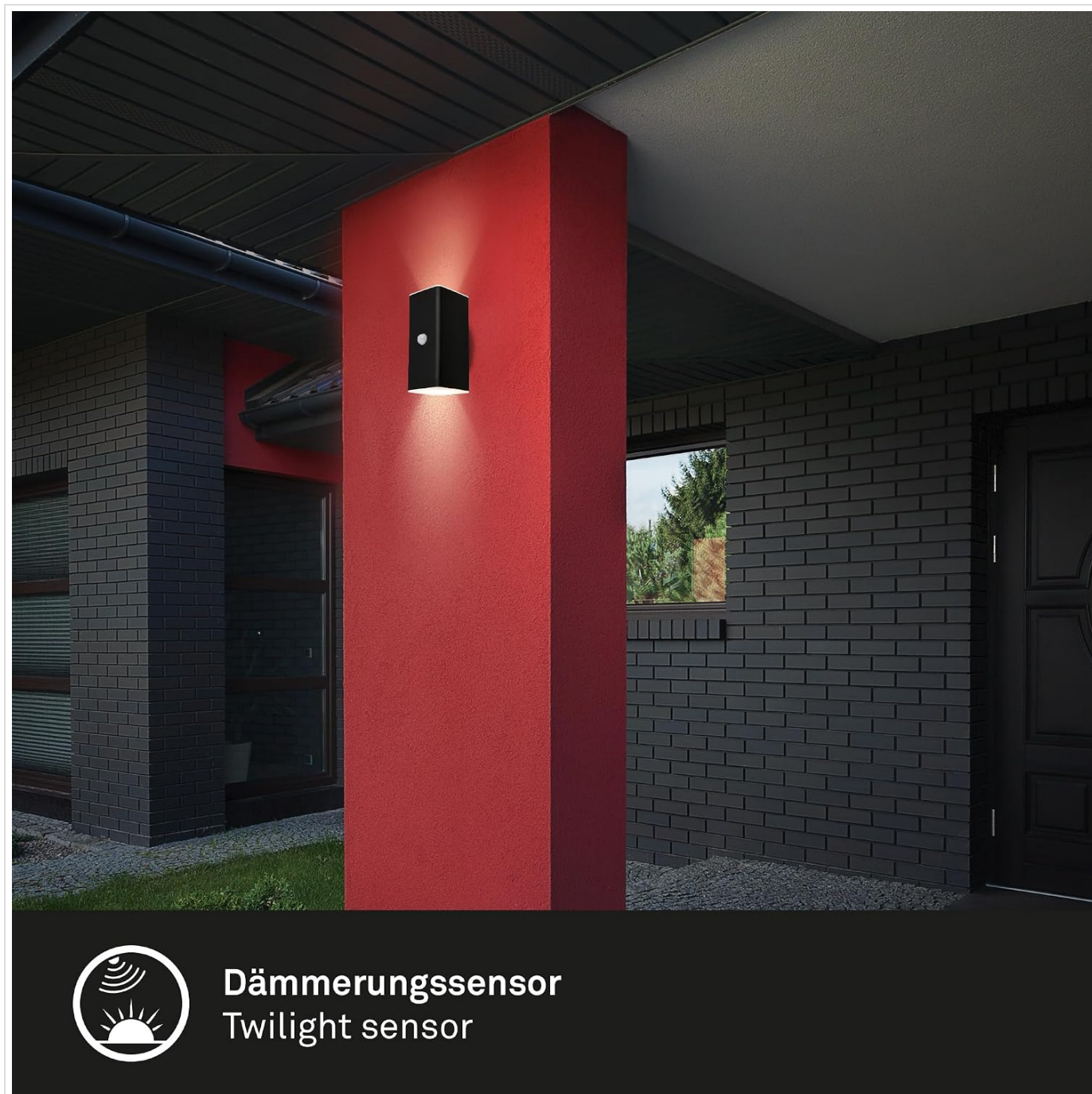
6. OPERATING INSTRUCTIONS

6.1 Motion Sensor Functionality

The integrated motion sensor detects movement within a 100° angle and up to 5 meters. Once motion is detected, the light will activate for approximately 20 seconds. This duration is fixed and cannot be adjusted.

6.2 Twilight Sensor

The twilight sensor ensures the light only activates when ambient light levels are low. It can be adjusted to activate between 5 and 25 lux. This prevents the light from turning on unnecessarily during daylight hours, conserving battery life.



Dämmerungssensor Twilight sensor

Figure 7: The wall light operating in a low-light environment, demonstrating the twilight sensor's function.

6.3 Automatic Operation

Once installed and charged, the light operates automatically. It will remain off during daylight and activate for 20 seconds when motion is detected in low light conditions, as determined by the twilight sensor setting.

7. CHARGING THE BATTERY

The wall light is equipped with a built-in Lithium-ion battery. To charge, open the protective cover over the USB-C port and connect the provided USB-C cable to a power source. The charging indicator (if present) will show the charging status. A full charge takes approximately 8.5 hours and provides up to 20 hours of illumination duration (based on typical usage patterns).

Recommendation:

To preserve battery life and ensure consistent performance, it is recommended to charge the lamp regularly and after each period of extended use.

8. MAINTENANCE

8.1 Cleaning

Clean the exterior of the light with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or electronic components. Ensure the USB-C port cover is securely closed after charging to maintain IP44 rating.

8.2 Battery Care

Avoid completely draining the battery frequently. For optimal battery health, charge the device before the battery is fully depleted. If storing the light for an extended period, charge it to about 50% and recharge every few months to prevent deep discharge.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted. Twilight sensor setting is too high (light thinks it's daytime). No motion detected.	Charge the battery fully. Ensure the twilight sensor is set appropriately for ambient light conditions. Test motion detection by moving within range.
Short battery life.	Frequent activation due to high traffic. Insufficient charging. Battery degradation over time.	Consider placement to reduce unnecessary activations. Ensure the light is charged for the full 8.5 hours. Battery life naturally decreases over time.
Motion sensor not detecting.	Obstruction in detection path. Sensor dirty. Object too far or moving too slowly.	Clear any obstructions. Clean the sensor lens gently. Ensure movement is within 5m range and at a reasonable speed.

10. SPECIFICATIONS

Feature	Detail
Brand	Briloner
Model Number	3788015
Dimensions (H x W x D)	15.5 x 6.5 x 8.5 cm
Weight	270 g
Material	Metal, Plastic
Light Source	Integrated LED
Power Consumption	6 Watts
Luminous Flux	700 - 708 lumens
Color Temperature	3000 Kelvin (Warm White)

Feature	Detail
Battery Type	2 Lithium-ion (included)
Charging Port	USB-C
Charging Time	Approx. 8.5 hours
Light Duration (fully charged)	Up to 20 hours
Motion Sensor Detection Angle	100°
Motion Sensor Range	Up to 5 meters
Motion Sensor Light Duration	20 seconds (fixed)
Twilight Sensor Adjustment	5 - 25 lux
Ingress Protection (IP) Rating	IP44 (Splash water protected)
Energy Efficiency Class	F

11. WARRANTY AND SUPPORT

BRILONER products are manufactured with high-quality standards. For warranty information or technical support, please refer to the retailer where the product was purchased or visit the official BRILONER website. Please retain your proof of purchase for any warranty claims.

As a German manufacturer with over 40 years of experience, BRILONER is committed to quality lighting solutions.

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