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Acouto Acoutokd7pv4qmx01737

Mega Bright 6500K 48 LEDs Trunk Light User Manual

Model: Acoutokd7pv4qmx01737

1. Introduction

This user manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Acouto Mega Bright 6500K 48 LEDs Trunk Light. This product is designed as a direct plug-and-play replacement for Tesla Model Y vehicles from 2021 onwards, significantly enhancing the trunk illumination.

The Acouto LED Trunk Light features 48 super bright LEDs, emitting a 6500K white light, which is approximately 50 times brighter than the original factory light. Its wide lighting range ensures comprehensive illumination of the trunk area, making it easier to locate items.

2. Product Overview

The Acouto LED Trunk Light is constructed from durable LED, PC, and ABS materials, ensuring long-lasting performance and reliability. It is engineered for a precise fit and easy installation.



Figure 2.1: Acouto Mega Bright 6500K 48 LEDs Trunk Light unit.

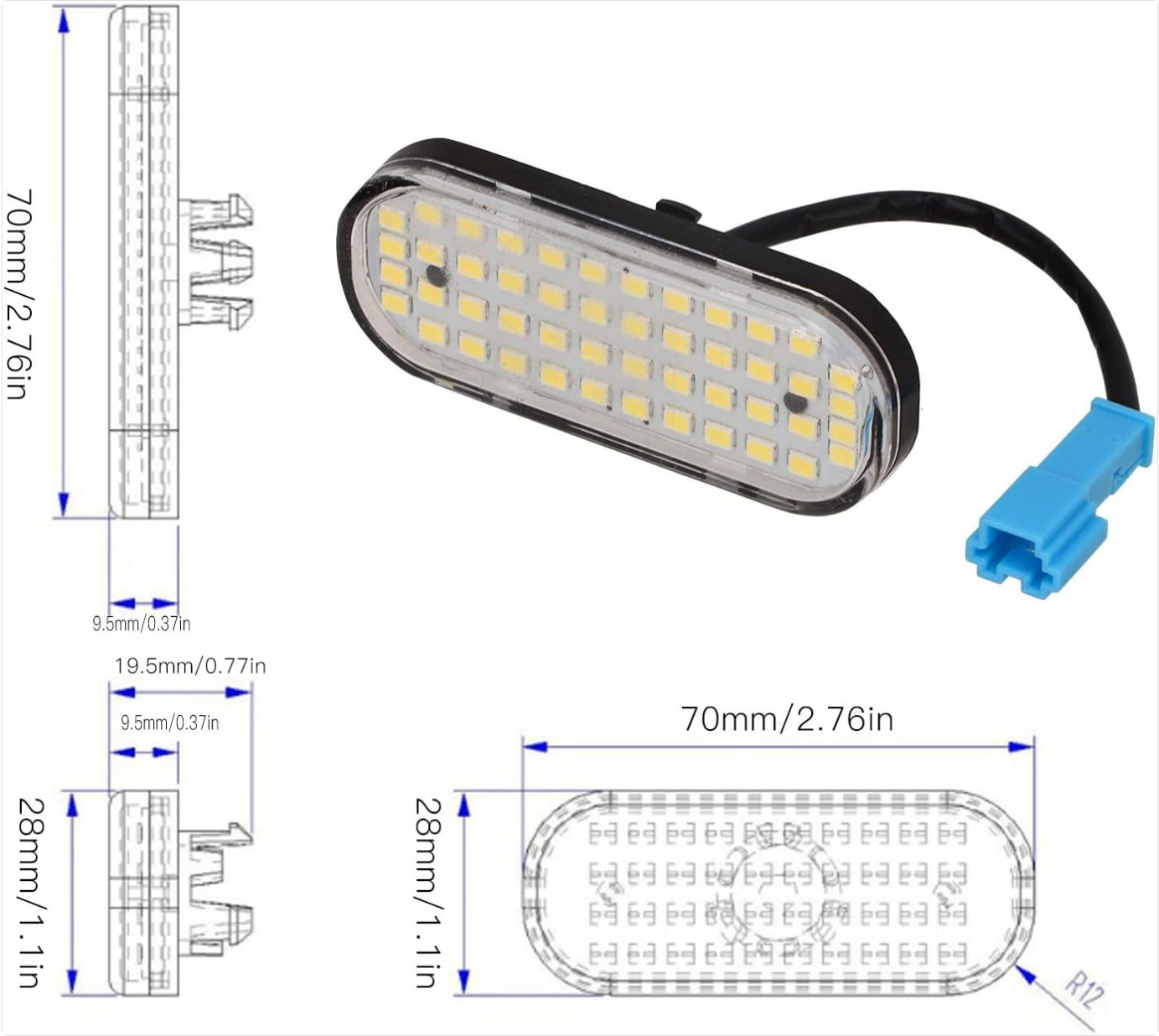


Figure 2.2: Detailed dimensions of the trunk light unit (70mm length, 28mm width, 9.5mm thickness).

3. Setup and Installation

The Acouto LED Trunk Light is designed for a simple plug-and-play installation, requiring no cutting or modification of existing wiring. It utilizes the same connector as the original factory light.

3.1 Compatibility

This product is an excellent replacement for Tesla Model Y vehicles manufactured in 2021 and later. Please verify compatibility with your vehicle before proceeding with installation.

3.2 Installation Steps

1. **Preparation:** Ensure your vehicle's power is off to prevent accidental electrical issues.
2. **Locate Original Light:** Identify the existing trunk light in your Tesla Model Y.
3. **Remove Original Light:** Carefully unclip or remove the original trunk light. Some models may require gentle prying or removal of an interior panel to access the light.
4. **Disconnect Wiring:** Disconnect the electrical connector from the original light.
5. **Connect New Light:** Connect the Acouto LED Trunk Light to the vehicle's existing electrical connector. The

connection is plug-and-play.

6. **Install New Light:** Securely fit the new LED trunk light into the designated opening. Ensure it is properly seated and oriented.
7. **Test Functionality:** Restore power to your vehicle and test the new trunk light to ensure it illuminates correctly.



Figure 3.1: The Acouto LED Trunk Light installed in a Tesla Model Y trunk.



Figure 3.2: Another view of the installed trunk light, showing its integration.

4. Operating Instructions

The Acouto LED Trunk Light operates automatically with your vehicle's trunk opening and closing mechanism. No manual operation is required after installation.

4.1 Brightness and Illumination

The light provides a powerful 6500K white illumination, significantly improving visibility within the trunk area compared to the standard factory light.



Figure 4.1: Comparison showing the increased brightness in the trunk after installing the Acouto LED light.



Figure 4.2: The 48 LEDs provide significantly enhanced illumination.



Figure 4.3: The bright white light output from the Acouto LED Trunk Light.

5. Maintenance

The Acouto LED Trunk Light is designed for minimal maintenance. The durable LED and PC+ABS construction ensures a long operational lifespan.

- **Cleaning:** If necessary, gently wipe the light's surface with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- **Inspection:** Periodically check the light for any signs of damage or loose connections.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not illuminate.	Incorrect connection or loose wiring.	Ensure the electrical connector is securely plugged into the light. Recheck the connection.
Light flickers.	Loose connection or power fluctuation.	Verify the connection is firm. If flickering persists, consult a qualified automotive technician.
Light is not as bright as expected.	Incorrect installation or product defect.	Ensure the light is fully seated. If the issue continues, contact customer support.

7. Specifications

Feature	Detail
Item Type	LED Trunk Light
Material	LED + PC + ABS
Number of Lamp Beads	48 LEDs
Light Color Temperature	6500K White
Fitment	Replacement for Tesla Model Y 2021+
Installation	Plug and Play
Manufacturer	Acouto
Model Number	Acoutokd7pv4qmx01737
Item Weight	18 g
Parcel Dimensions	10.11 x 5.21 x 3.2 cm

8. Warranty and Support

For any questions, concerns, or support needs regarding your Acouto LED Trunk Light, please contact Acouto customer service. Refer to your purchase documentation for specific warranty terms and contact information.
Acouto is committed to providing high-quality products and services. For more information, you may visit the Acouto Store on Amazon.

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