

## Povanjer NL5WN6X3CSNUON61

# Povanjer USB Rechargeable Wireless LED Car Door Sill Welcome Light Instruction Manual

Model: NL5WN6X3CSNUON61

## 1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Povanjjer USB Rechargeable Wireless LED Car Door Sill Welcome Light. Please read this manual thoroughly before installation and operation, and retain it for future reference.

The Povanjjer LED Car Door Sill Welcome Light is designed to enhance vehicle safety and interior ambiance. It features intelligent induction switches that activate the lighting when the car door is opened, providing illumination and a warning signal to other vehicles.

## 2. PRODUCT FEATURES

- **Enhanced Safety:** Alerts vehicles behind with bright lights when the door is open, improving visibility and preventing accidents.
- **Intelligent Induction:** Lights automatically turn on when the car door opens and off when it closes, thanks to infrared intelligent induction switches.
- **Customizable Lighting:** Offers 7 vibrant single colors (white, pink, blue, green, ice blue, red, yellow) and a 7-color gradient mode, along with a burst mode.
- **Nighttime Visibility:** Provides comfortable lighting to help avoid accidents and identify foreign objects or water on the ground when exiting the vehicle.
- **USB Rechargeable:** Equipped with a 150 mAh battery, fully charges in 1 to 2 hours via any USB port. A USB charging cable is included.
- **Easy Installation:** Direct magnetic mounting on car doors without drilling or wiring. The lights are removable for convenient recharging.
- **Durable Material:** Constructed from Acrylonitrile Butadiene Styrene (ABS).

## 3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- 1 x Car Ambient Light Unit
- 1 x USB Charging Cable



Image 3.1: Contents of the product package, including the LED light unit and USB charging cable.

## 4. SETUP AND INSTALLATION

The Povanjor LED Car Door Sill Welcome Light is designed for simple, non-invasive installation.

### 4.1 Charging the Device

1. Locate the USB charging port on the side of the LED light unit.
2. Connect the provided USB charging cable to the light unit and to any standard USB power source (e.g., car charger, computer USB port, wall adapter).
3. The light will indicate charging status (e.g., a specific LED color or pattern). A full charge typically takes 1 to 2 hours.
4. Once fully charged, disconnect the cable. The battery life is approximately 30 days on a single charge, depending on usage.

## USB charging Large capacity batteries



USB charging



Low energy  
consumption



USB Type-C



Image 4.1: The LED light unit connected to a USB charging cable.

### 4.2 Mounting the Light Unit

The light unit features magnetic attachment for easy installation on car doors.

1. Clean the desired installation area on the car door sill or door panel to ensure it is free of dust and grease.
2. The light is designed to attach directly to iron surfaces of car doors. Position the light unit in a location where it can effectively illuminate the ground when the door is open and where it will not interfere with door closure.
3. Ensure the light is securely attached. The magnetic design allows for easy removal for recharging or repositioning.



## Intelligent induction switch

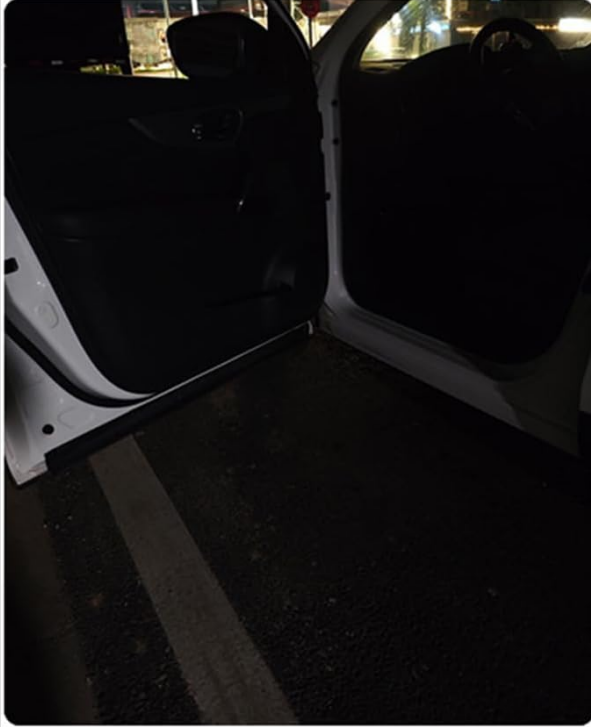
The LED car door lights adopt infrared intelligent induction switches, which light up when the car door is opened and turn off when the car door is closed

Image 4.2: The LED light installed on a car door, demonstrating its illumination.

## Before and after installation

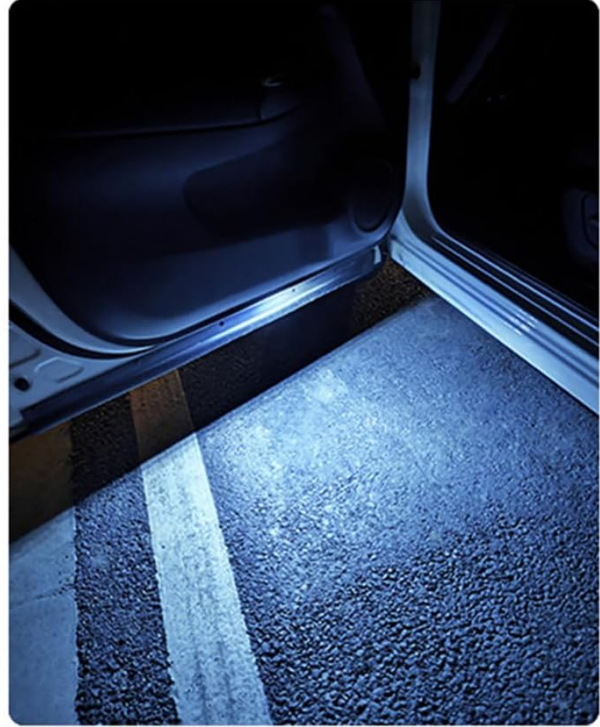
# WHY INSTALL LIGHTING FIXTURES

WHY WOULD YOU INSTALL A SENSOR LIGHT



Before

A foreign object on the ground sprained the foot and caused water accumulation after rain



after

Illuminate the outside of the car door for a safe foothold and welcoming atmosphere

Image 4.3: Before and after installation comparison, highlighting improved visibility.

## 5. OPERATING INSTRUCTIONS

The LED Car Door Sill Welcome Light features intelligent sensor operation and customizable lighting modes.

### 5.1 Automatic Operation (Intelligent Sensor)

- The light is equipped with an infrared intelligent induction switch.
- When the car door is opened, the sensor detects the change and automatically activates the light.
- When the car door is closed, the sensor detects the change and automatically deactivates the light.

## Infrared sensors switch

# Infrared intelligent induction switch



Image 5.1: Highlighting the infrared intelligent induction switch on the light unit.

## 5.2 Changing Lighting Modes

The light unit allows for customization of its illumination.

1. To change the lighting mode (color or pattern), briefly press the power button located on the light unit. Each press will cycle through the available 7 single colors, the 7-color gradient mode, and the burst mode.
2. To turn the light off manually, press and hold the power button for a few seconds.

# 6 LED beads

## Brightness upgrade

Higher brightness of omnidirectional stereoscopic illumination



Image 5.2: Detail of the LED beads and power button for mode selection.

## 6. MAINTENANCE

Proper care ensures the longevity and optimal performance of your LED Car Door Sill Welcome Light.

- **Cleaning:** Wipe the surface of the light unit with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the material.
- **Recharging:** Recharge the unit when the light output diminishes or when the battery indicator (if present) suggests low power. Regular recharging helps maintain battery health.
- **Storage:** If storing the device for an extended period, ensure it is fully charged and store it in a cool, dry place. Recharge periodically to prevent deep discharge.
- **Water Exposure:** While designed for car use, avoid direct exposure to heavy rain or submersion in water. The product is not fully waterproof.

## 7. TROUBLESHOOTING

If you encounter issues with your LED Car Door Sill Welcome Light, refer to the following common problems and solutions:

- **Light does not turn on:**

- Ensure the battery is charged. Connect the unit to a USB power source and allow it to charge.
- Check if the intelligent sensor is obstructed. Ensure no debris is covering the sensor area.
- Verify the light is correctly positioned on the car door for the sensor to detect door opening/closing.

- **Light does not turn off:**

- Ensure the car door is fully closed.
- Check for any obstructions near the sensor that might prevent it from detecting the door closure.
- Try manually turning off the light by pressing and holding the power button.

- **Light output is dim:**

- The battery may be low. Recharge the unit fully.
- Clean the LED surface to remove any dirt or dust that might be obscuring the light.

- **Difficulty changing modes:**

- Ensure you are pressing the power button correctly. A brief press cycles modes, a long press turns off.

If these steps do not resolve the issue, please contact customer support.

## 8. SPECIFICATIONS

Attribute	Detail
Product Name	Car Ambient Light
Model Number	NL5WN6X3CSNUON61
Dimensions	Approx. 10.2 x 3.2 x 0.8 cm (4.01 x 1.25 x 0.31 inches)
Material	Acrylonitrile Butadiene Styrene (ABS)
Battery Capacity	150 mAh
Charging Time	1-2 hours
Operating Time	Approx. 30 days (battery life)
Lighting Modes	7 single colors, 7-color gradient, burst mode
Manufacturer	Povanjer
UPC	080429284403

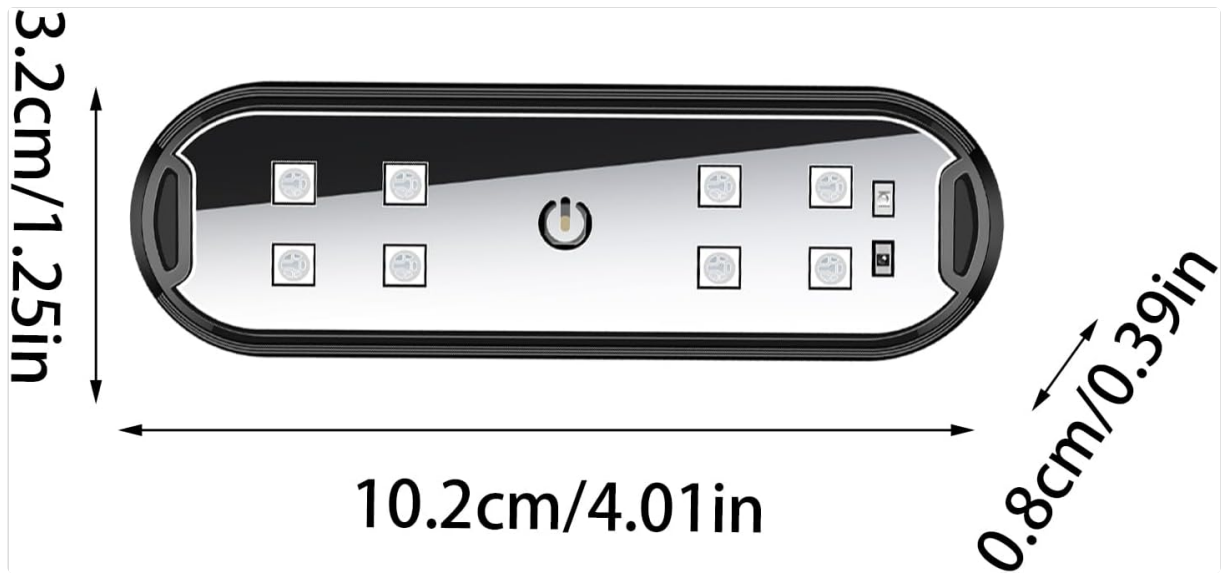


Image 8.1: Product dimensions.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact your retailer. Keep your purchase receipt as proof of purchase.