

PSEQT

PSEQTWB01
LED TRAILER BRAKE
TAIL LIGHT



PSEQT PSEQTWB01 LED Trailer Brake Tail Light Instruction Manual

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PSEQT PSEQTWB01 LED Trailer Brake Tail Light



INTRODUCTION

With its strong 8-watt LED lights, the PSEQT PSEQTWB01 LED Trailer Brake Tail Light provides a great way to increase road safety. With its ability to operate with the majority of 10-30V DC vehicles, this light is perfect for trailers, trucks, buses, RVs, ATVs, snowmobiles, and more. The PSEQTWB01, which retails for a reasonable \$15.99, provides excellent quality and longevity at a reasonable cost. Its IP67 waterproof and dustproof grade guarantees dependability even under challenging circumstances. This light offers brilliant, clear visibility in any conditions thanks to its red lens and polycarbonate lens construction. The surface-mount design and outward lead wire notch of this light, which PSEQT introduced on June 4, 2019, make it simple to install and adaptable to a variety of vehicle types. This brake tail light improves visibility and road safety for both commercial and recreational drivers.

SPECIFICATIONS

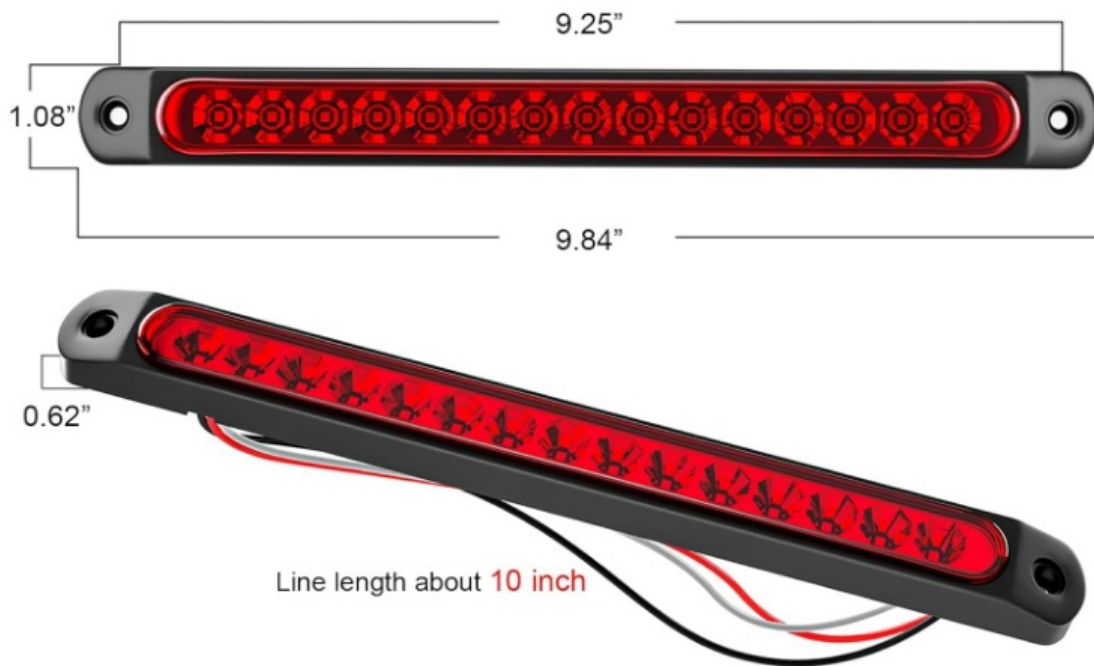
Brand	PSEQT
Price	\$15.99
Waterproof & Dustproof	IP67 Waterproof & Dustproof, glue seals the wire outlet
Compatible Vehicles	Most 10-30V DC vehicles such as trailers, trucks, buses, pickups, vans, RVs, ATVs, snowmobiles, etc.
Mounting Type	Surface Mount
Wattage	8 Watts
Auto Part Position	Outside
Lens Color	Red
Lens Material	Polycarbonate
Voltage	12.24 Volts
Manufacturer	PSEQT
Item Weight	1 Pound
Package Dimensions	10.51 x 2.24 x 1.38 inches
Model Number	PSEQTWB01
Date First Available	June 4, 2019

WHAT'S IN THE BOX

- LED Trailer Brake Tail Light
- Manual

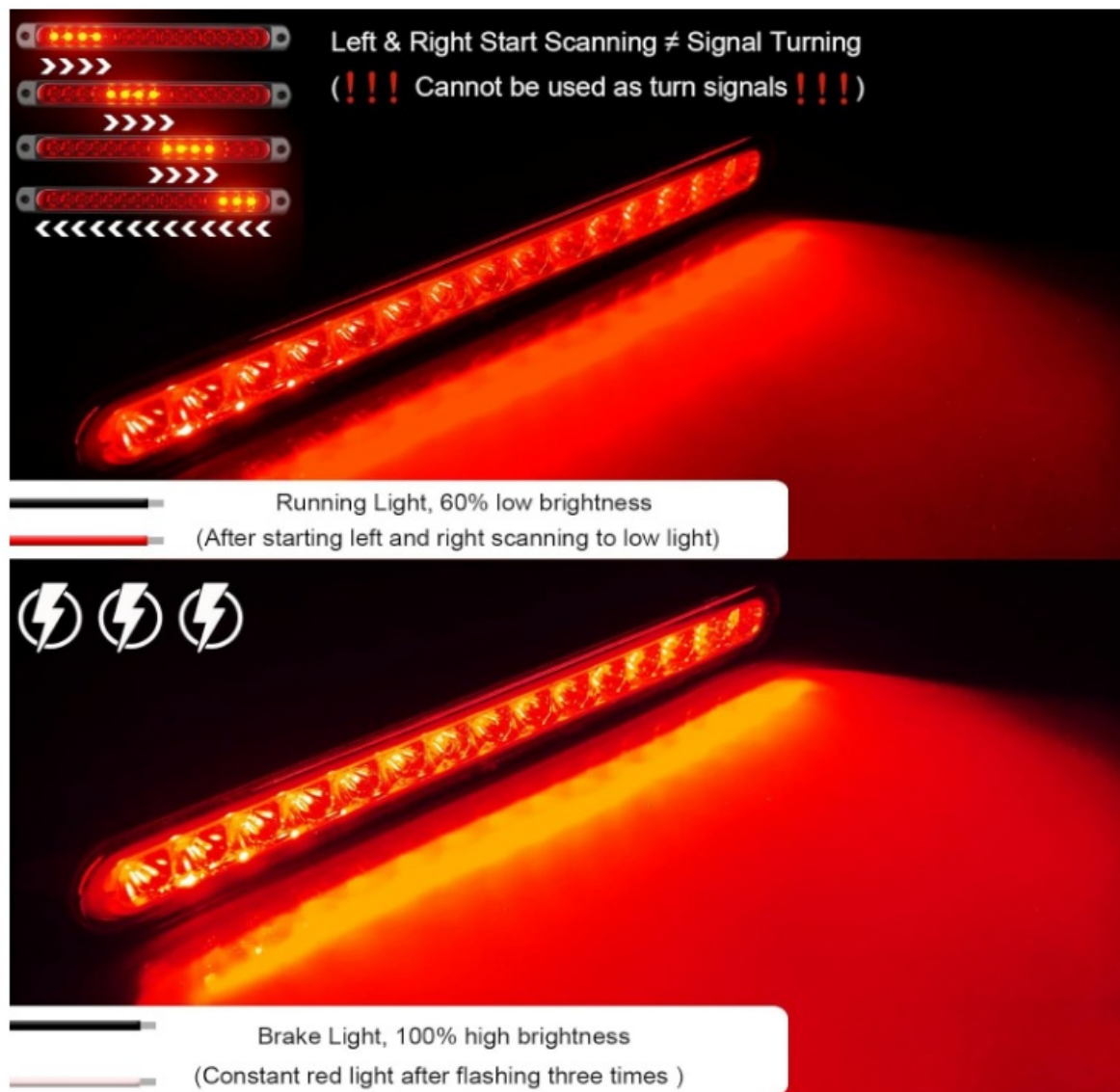
PRODUCT DIMENSIONS

PRODUCT DIMENSIONS



FEATURES

- It serves as a brake light, stop light, tail light, running light, side marker light, clearance marker, and identification light, among other multipurpose uses.
- **The upgraded taillight design has two red illumination functions:** a high-brightness brake light (100%) and a low-brightness running light sixty percent.

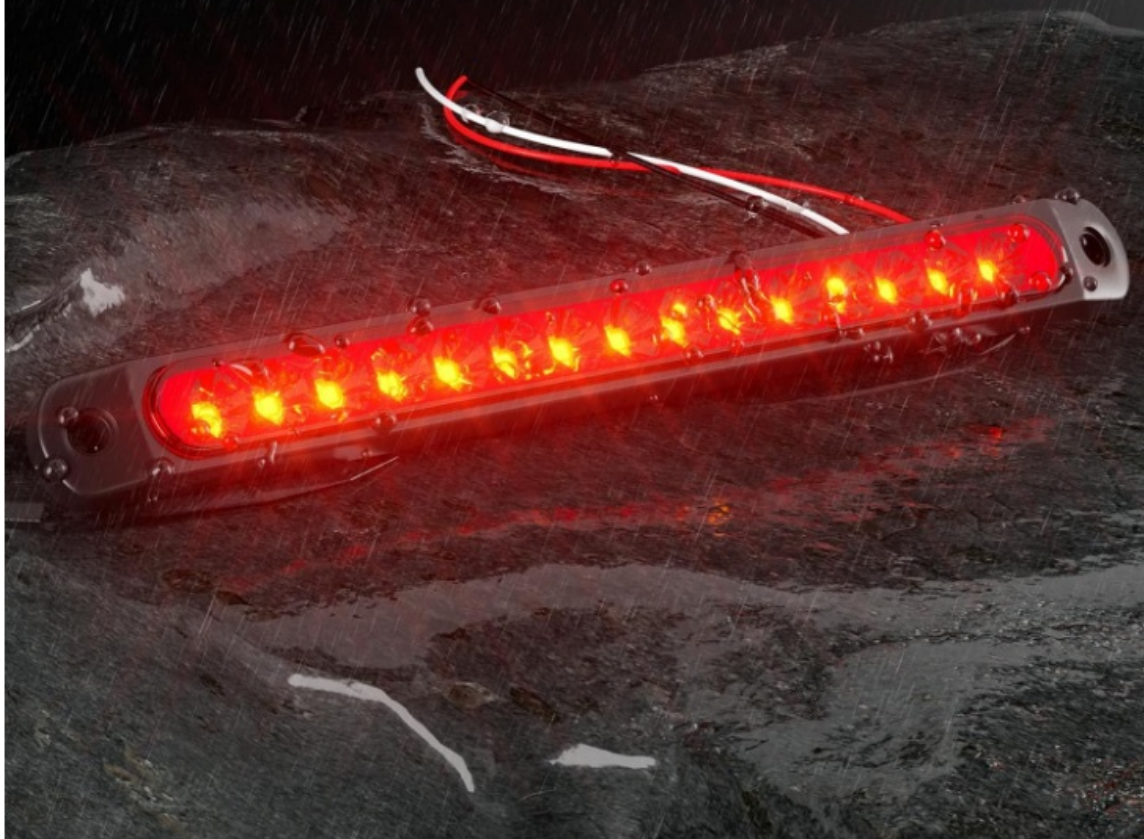


- **Safety Focus:** By reminding cars behind to keep a safe distance, an eye-catching red light improves road safety.
- **Warning Feature:** Although the left-right scanning feature highlights the taillights, it is not meant to be used as a turn signal.
- **No Turn Signal Function:** It doesn't work as a turn signal, even with the scanning feature.
- **Better Installability:** The updated design eliminates wiring problems and streamlines the installation procedure.
- **Surface Mount Design:** Provides simple mounting without requiring extra mounting surface holes.
- **Sealed Wire Outlet:** Short circuit risk is decreased by the glue-sealed wire outlet.
- **3-Wire Connection:** For straightforward and unambiguous wiring, use Black for the negative, Red for the running lights, and White for the brake light.
- 15 high-brightness LED diodes provide great sight in the Ultra-Slim Line LED Strip.
- **Improved Heat Distribution:** By distributing heat more effectively, the 15 diodes contribute to the light's long lifespan.
- **Sturdy Design:** The lamp has a polycarbonate lens and a high-impact ABS housing.
- **Dustproof and Waterproof (IP67):** It is perfect for all weather circumstances because its IP67 classification guarantees protection against both water and dust.



IP67 SEALED WATERPROOF

Superior raw material, Strong and durable. Long trailer tail lights bar can block any sand, water, dirt, snow or dust.



- **Wide Range of Compatibility:** Fits a variety of automobiles, such as ATVs, heavy-duty trucks, trailers, and RVs.
- **DOT Rated:** Made to ensure safe use on public roads and highways by adhering to DOT regulations.

SETUP GUIDE

- **Mounting Location:** To ensure safety and visibility, pick a suitable surface to mount the light.
- **Attach the red wire** to the running lights, the white wire to the brake light connector, and the black wire to the negative terminal.
- **Positioning:** Make sure the light is firmly in place so that cars behind the car can see it.
- Verify the vehicle's power supply by making sure the voltage satisfies the 12–24V needed for optimal operation.
- **Use Surface Mounting:** To save drilling extra holes, install using the supplied surface mount design.
- **Seal the Wires:** To stop dust and moisture intrusion, make sure the wire outlets are securely sealed with glue.
- **Verify LED Functionality:** After installation, make sure the running light and brake systems operate as intended.
- **Avoid Overloading:** To avoid harm, do not use more power than the 8-watt rating.
- **Electrical Safety:** To prevent any electrical risks, make sure all connections are tight and secure.
- **Weatherproof Installation:** To get the most out of the light's IP67 waterproof characteristics, place it away from harsh environments.

- **Surface Preparation:** To guarantee strong adhesion, properly clean the mounting surface before affixing the light.
- **Optimize Visibility:** For both daytime and nighttime driving, make sure the light is at a viewable height.
- **Mounting Orientation:** To guarantee proper operation of the running and brake lights, make sure the light is positioned horizontally.
- **Test Light Settings:** Verify that the scanning feature (for enhanced warning) turns on properly after installation.
- **Vehicle Compatibility:** Verify both that the light and the vehicle's electrical system (10-30V DC) are compatible.

CARE & MAINTENANCE

- **Frequent Cleaning:** To keep visibility clear, wipe down the light surface with a gentle cloth.
- **Check for Moisture:** Occasionally, especially after washing or periods of intense rain, check for moisture inside the lens.
- **Assure Secure Mounting:** Check the mount frequently to ensure it stays tight and secure.
- **Examine Wires for Wear:** Look for any indications of damage or wear on the wiring that can cause a malfunction.
- **Test Functionality:** To make sure the brake and running light are functioning properly, test them on a regular basis.
- **Check for Dust and Debris:** To maintain the right light intensity, make sure the lens is kept clear of dust and debris.
- **Seal Maintenance:** To stop moisture intrusion, make sure the wire outlet seals are still in place and reseal them if needed.
- **Store Correctly:** To avoid material deterioration, keep the light in a cool, dry location when not in use.
- **Avoid High Impact:** Take care not to apply too much force to the light as this could harm the lens or housing.
- **Prevent Lens Scratching:** Take care when handling the lamp to prevent scratches on the polycarbonate lens.
- **Keep an eye out for fading:** UV exposure over time may cause the lens to fade; if this occurs, replace it.
- **Verify Voltage:** To prevent harming the LEDs, make sure the vehicle's voltage stays within the recommended 12–24V range.
- **Examine the LED Diodes:** Check the LEDs frequently for indications of dimming or burnout, and replace them as needed.
- **Check for Corrosion:** Look for indications of corrosion on the light, particularly near the wire connections, and take quick action to fix it.
- **Replacement Parts:** To ensure safety and functionality, replace any broken light components as soon as possible, such as the lens or wiring.

TROUBLESHOOTING

Problem	Solution
Light not turning on	Check wiring connections and ensure proper power supply (10-30V DC).
Flickering light	Inspect the wiring for loose connections and check the electrical source.
Dim light output	Clean the lens and check for dirt or debris obstructing the light.
Water leakage	Verify the light's seal and ensure the mounting area is fully sealed.
Inconsistent brightness	Ensure the voltage is consistent and matches the required 12.24V.
Overheating	Ensure the light has proper ventilation and is not exposed to excessive heat.
Corrosion on terminals	Clean connectors and apply corrosion-resistant spray.
Lens discoloration	Replace lens if damaged or discolored by UV exposure or impact.
Not fitting vehicle properly	Ensure compatibility with the vehicle's electrical system (10-30V DC).
Wires exposed	Check for damaged wires and replace any exposed or frayed cables.

PROS & CONS

PROS

- 1. IP67 waterproof & dustproof rating provides protection in harsh outdoor environments.
- 2. 8-watt LED power ensures bright and efficient lighting for improved road safety.
- 3. Compatible with most 10-30V DC vehicles, making it versatile for many applications.
- 4. Easy surface-mount design for quick and convenient installation.
- 5. Affordable price point, offering great value for high-quality lighting.

CONS

- 1. The red lens may limit visibility for some users who require multi-color functionality.
- 2. Polycarbonate lens can be prone to scratches under harsh conditions.
- 3. Left and right outward lead wire design may not be ideal for all installation scenarios.
- 4. The 8-watt power may not be sufficient for large commercial vehicles or heavy-duty trailers.
- 5. IP67 rating ensures water resistance, but submersion may exceed its limits.

WARRANTY

The PSEQT PSEQTWB01 LED Trailer Brake Tail Light comes with a **1-year limited warranty**. The warranty covers defects in materials and workmanship, ensuring that the light performs as expected under normal conditions. If there are any issues, such as non-functioning lights or faulty wiring, you can reach out to PSEQT's customer support for a replacement or repair. The warranty does not cover damage caused by misuse, improper installation, or exposure to extreme conditions beyond the product's stated specifications. To initiate a claim, customers must provide proof of purchase and contact PSEQT directly.

FREQUENTLY ASKED QUESTIONS

What is the price of the PSEQT PSEQTB01 LED Trailer Brake Tail Light?

The PSEQT PSEQTB01 LED Trailer Brake Tail Light is priced at \$15.99, offering an affordable and durable lighting solution for various vehicles.

What is the special feature of the PSEQT PSEQTB01 LED Trailer Brake Tail Light?

The PSEQT PSEQTB01 LED Trailer Brake Tail Light is IP67 waterproof and dustproof, ensuring reliable performance in harsh weather conditions and outdoor environments.

What is the wattage of the PSEQT PSEQTB01 LED Trailer Brake Tail Light?

The PSEQT PSEQTB01 LED Trailer Brake Tail Light operates at 8 watts, providing efficient and bright illumination for trailer brake and tail light functions.

What is the voltage of the PSEQT PSEQTB01 LED Trailer Brake Tail Light?

The PSEQT PSEQTB01 LED Trailer Brake Tail Light operates at 12.24 volts, making it suitable for most vehicles with 12V electrical systems.

What is the weight of the PSEQT PSEQTB01 LED Trailer Brake Tail Light?

The PSEQT PSEQTB01 LED Trailer Brake Tail Light weighs 1 pound, making it lightweight and easy to handle during installation.

What are the package dimensions of the PSEQT PSEQTB01 LED Trailer Brake Tail Light?

The package dimensions for the PSEQT PSEQTB01 LED Trailer Brake Tail Light are 10.51 x 2.24 x 1.38 inches, ensuring it is compact and efficiently packaged.

When was the PSEQT PSEQTB01 LED Trailer Brake Tail Light first available?

The PSEQT PSEQTB01 LED Trailer Brake Tail Light was first available on June 4, 2019, reflecting its

long-standing reliability in the market.

What is the design of the PSEQT PSEQTWB01 LED Trailer Brake Tail Light?

The PSEQT PSEQTWB01 LED Trailer Brake Tail Light features a surface mount design with left and right outward lead wire notch designs for easy installation.

VIDEO – PRODUCT OVERVIEW



<https://www.referencematerials.plus/wp-content/uploads/2025/01/PSEQT-PSEQTWB01-LED-Trailer-Brake-Tail-Light-Instruction-Manual.mp4>

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