

TMHLighting

10Y+10R LED
MARKER LIGHTS



TMH 10Y+10R LED Marker Lights User Manual

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TMHLighting

TMH 10Y+10R LED Marker Lights



INTRODUCTION

When it comes to vehicle lighting requirements, the TMH 10Y+10R LED Marker Lights redefine efficiency and durability. These marker lights, which are reasonably priced at \$14.94, are a flexible option for trucks, trailers, and other automobiles. Ten red and ten amber LED lights are included in each set, guaranteeing superior visibility day or night on the road. They are DOT-certified for safety and compliance, have a waterproof construction, and are made for outdoor use. Long-term performance and dependability are guaranteed by these lights' robust operating life of up to 10,000 hours. The lights are made by TMH, a reputable brand in automotive lighting, and weigh just 7.8 ounces. They have a small but robust construction. This model, which was released on [launching date], guarantees superior lighting for increased efficiency and safety. These LED marker lights are incredibly effective and simple to install, making them perfect for both professional drivers and car enthusiasts.

SPECIFICATIONS

Brand	TMH
Price	\$14.94
Auto Part Position	Outside
Operating Life	10,000 Hours
Manufacturer	TMH
Model	3/4 Inch Mount 10 pcs Amber + 10 pcs Red LED
Item Weight	7.8 ounces
Product Dimensions	4 x 2 x 3 inches
Special Features	Waterproof
Mirror Lighting Type	Marker Light
Safety Rating	DOT Certified
Voltage	12 Volts (DC)

WHAT’S IN THE BOX

- LED Marker Lights
- User Manual

FEATURES

- **Compact Design:** Stylish and useful 3/4-inch small round marking lights.
- **High Brightness:** Each light has three premium SMD LEDs that produce 60 lumens of light for superior visibility.



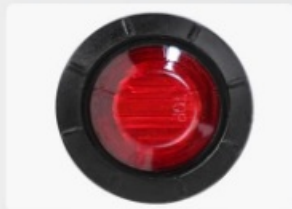
- **Dual Color Options:** For various signaling applications, this product is offered in vivid amber and red light hues.
- **Energy-Efficient LEDs:** 2835 LED technology is used, which provides energy savings and a long lifespan of up to 50,000 hours.
- **Sturdy Materials:** Using silicone rubber and a high-quality PC lens ensures longevity and wear resistance.

HIGH QUALITY MATERIAL

GOOD DESIGN & HIGH OUTPUT



PVC 120 DEGREE 22 AWG
(SOLDERED FREE END WIRE)



POLYCARBONATE LENS
(NOT SHADE COLOR OFF LENS)

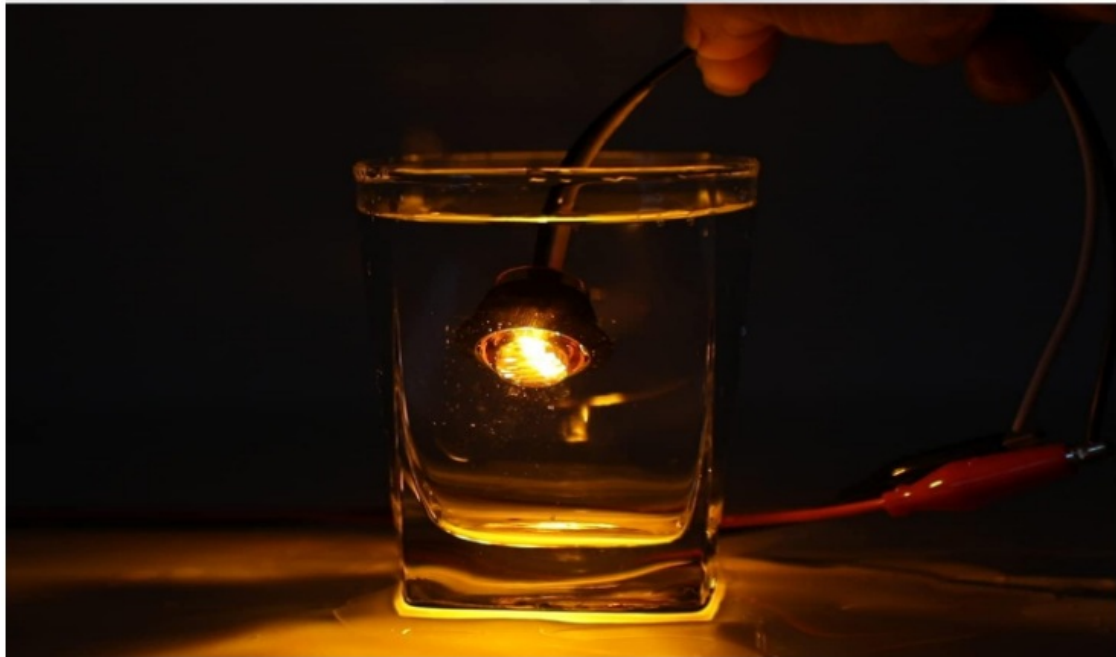


RUBBER GROMMET
(SOFT AND DURABLE)

- **Waterproof Construction:** With an IP67 rating, it is impervious to dampness, splashes, and rain.

WATERPROOF : IP67

TRULY WATERPROOF SEALED WATERPROOF,
THERE IS NO PROBLEM WORKING ABOVE OR UNDER WATER.



- **Dustproof and Shockproof:** Made to survive dust, shocks, and vibrations for usage in harsh settings.
- **Universal Fit:** Fits a variety of 12V DC vehicles, such as trucks, vans, buses, trailers, and recreational vehicles.
- **DOT Certified:** Meets the safety requirements set out by the Department of Transportation (DOT) for vehicle illumination.
- **Simple Installation:** No screws are required because a premium rubber grommet is included free of charge.
- **Clear Polarity Markings:** For hassle-free wiring, use black wire for positive and white wire for negative.
- **Versatile Uses:** Perfect for identification lights, side markers, and clearance.
- **Compact Dimensions:** Without the rubber grommet, it is 1" x 1" x 0.8" (L x W x H) with a 0.7" diameter.

PRODUCT INFORMATION

DIMENSION WITH RUBBER GROMMET



- **Longevity:** More than 100,000 hours of operation for prolonged use.

SETUP GUIDE

- **Mounting Hole:** If there aren't any holes already there, drill a 3/4-inch hole to fit the marker lights.
- **Installation of Rubber Grommet:** Insert the supplied rubber grommet into the hole that has been drilled.
- **Attach Wires:** Attach the white wire to the negative terminal and the black wire to the positive terminal to determine the wire's polarity.
- **Secure Connection:** To secure and safeguard the wiring, use electrical tape or waterproof connections.
- **Light Insertion:** For a tight fit, press the LED light firmly into the rubber grommet.
- **Spacing:** For consistent visibility and adherence to safety regulations, make sure that lights are spaced appropriately apart.
- **Testing:** To ensure correct operation, test the lights by turning on the car's lighting system.
- **Parallel Wiring:** To provide uniform brightness across all markers, connect several lights in parallel.
- **Grounding:** Verify that the ground wire is firmly attached to the chassis or ground point of the car.
- **Verify Clearance:** Verify that the lights don't obstruct the vehicle's moving parts or operations.
- **Alignment:** To improve the vehicle's visibility and appearance, align the lights uniformly.
- **Look for Loose Wires:** To prevent malfunctions or short circuits, look for loose wires twice.
- **Final Test:** Before you drive, make sure all of the lights are working properly after setting them up.

CARE & MAINTENANCE

- **Frequent Cleaning:** To get rid of dirt, grime, and debris, wipe the lenses with a moist microfiber towel.
- **Check Seals:** To make sure the rubber grommets stay waterproof, check them frequently.
- **Examine Connections:** Check electrical connections for wear or corrosion on a regular basis.
- **Steer Clear of Harsh Chemicals:** To avoid harming the lens or housing, clean with a mild soap and water solution.
- **Test Functionality:** Make sure the lights are functioning properly by testing them on a regular basis.
- **Avoid Excessive Moisture:** Avoid immersing the lights in water that is higher than their IP67 certification.
- **Secure Wiring:** To guard against vibration damage, make sure all wires are securely fastened and insulated.
- **Replace Damaged Parts:** To preserve safety and visibility, replace any cracked or damaged lenses right away.
- **Prevent Overheating:** Keep an eye out for extreme heat and make sure the area around the lights has enough air.
- **Examine for Dust:** Look for any dust buildup near the lights and clean as needed.
- **Battery Maintenance:** To support the lights, make sure the car's electrical system and battery are in good shape.
- **Rust Prevention:** To stop rust and corrosion, apply dielectric oil to wire connections.
- **Mounting Reinforcement:** Inspect the rubber grommets and tighten them if necessary.
- **Check Polarity:** Before replacing a broken light, make sure the polarity connections are right.
- **Store Correctly:** During the off-season, detach the lights from seasonal vehicles and keep them in a dry location.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights not turning on	Loose connection	Check and secure all wiring connections.
Flickering lights	Faulty power source	Inspect and replace the power source.
Dim lighting	Voltage mismatch	Ensure a 12-volt power source is used.
The water inside the lights	Damaged waterproof seal	Replace or reseal the affected light.
One light not working	LED failure	Replace the faulty light.
Lights overheating	Prolonged use in high temperatures	Allow the lights to cool before reuse.
Uneven brightness	Wiring issue	Check wiring for loose or damaged sections.
Lights not fitting properly	Incorrect mounting size	Verify compatibility with the mount size.
The short lifespan of lights	Overvoltage	Use a voltage regulator if necessary.
Lights turning off intermittently	Faulty switch	Replace the ON/OFF switch.

PROS & CONS

Pros

1. Affordable price without compromising quality.
2. The long operating life of up to 10,000 hours.
3. Waterproof design ensures durability in all weather conditions.
4. DOT-certified for safety compliance.
5. Compact and lightweight for easy installation.

Cons

1. Limited to 12-volt systems.
2. May not fit non-standard vehicle mounts.
3. Requires professional installation for optimal results.
4. Brightness might be excessive for some users.
5. No dimming or adjustable brightness feature.

WARRANTY

The TMH 10Y+10R LED Marker Lights come with a **1-year limited warranty**, covering any defects in materials and workmanship. The warranty ensures the replacement or repair of defective items. For warranty claims, customers must retain proof of purchase and contact TMH customer support for assistance. Note that damages caused by misuse, improper installation, or modifications are not covered under this warranty.

FREQUENTLY ASKED QUESTIONS

What is the price of the TMH 10Y+10R LED Marker Lights?

The TMH 10Y+10R LED Marker Lights are priced at \$14.94, providing an affordable option for vehicle lighting.

What is the auto part position for the TMH 10Y+10R LED Marker Lights?

The TMH 10Y+10R LED Marker Lights are designed for the outside auto part position, suitable for external vehicle applications.

What is the operating life of the TMH 10Y+10R LED Marker Lights?

The TMH 10Y+10R LED Marker Lights have an impressive operating life of 10,000 hours, ensuring long-term durability.

Who is the manufacturer of the TMH 10Y+10R LED Marker Lights?

The TMH 10Y+10R LED Marker Lights are manufactured by TMH, a trusted name in automotive lighting solutions.

What are the dimensions of the TMH 10Y+10R LED Marker Lights?

The TMH 10Y+10R LED Marker Lights measure 4 x 2 x 3 inches, making them compact and easy to install.

What is the voltage requirement for the TMH 10Y+10R LED Marker Lights?

The TMH 10Y+10R LED Marker Lights operate on 12 volts (DC), which is standard for most vehicles.

What is the weight of the TMH 10Y+10R LED Marker Lights package?

The TMH 10Y+10R LED Marker Lights package weighs 7.8 ounces, making it lightweight and easy to handle.

What special features do the TMH 10Y+10R LED Marker Lights offer?

The TMH 10Y+10R LED Marker Lights include waterproofing and are DOT certified, ensuring durability and compliance with safety standards.

VIDEO – PRODUCT OVERVIEW



<https://www.manuals.plus/wp-content/uploads/2024/12/TMH-10Y10R-LED-Marker-Lights-User-Manual.mp4>

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