

EverBrite E007075

EverBrite 48W LED Light Pods User Manual

Model: E007075

Brand: EverBrite

1. INTRODUCTION

Welcome to the EverBrite 48W LED Light Pods User Manual. This guide provides comprehensive instructions for the proper setup, operation, and maintenance of your new LED light pods. Please read this manual thoroughly before installation and use to ensure optimal performance and safety. These light pods are designed for enhanced visibility and versatility in various vehicle applications, particularly off-road environments.

2. PRODUCT FEATURES

- **6 Modes with Memory Function:** Easily switch between white, amber, white & amber, white strobe, amber strobe, and white & amber strobe modes. The intelligent memory function recalls the last used mode upon restart.
- **Super Bright Illumination:** Each light pod is equipped with 8 high-power white LEDs and 8 high-power amber LEDs, combined with multi-angle refracted reflector cups for maximum light output and improved visibility during night driving.
- **Extended Lifespan:** Engineered with a 6063 Aluminum cooling fin and thermal grease, these light pods effectively dissipate heat, extending their operational lifespan to over 50,000 hours.
- **IP67 Waterproof Rating:** Designed to withstand harsh weather conditions, the IP67 waterproof rating ensures outstanding performance in rain, dust, and shock environments, keeping your path illuminated.
- **Wide Application:** Suitable for a broad range of vehicles including SUVs, ATVs, UTVs, trucks, and boats. Can be used as off-road lights, household lights, work lights, or fog lights.

3. PACKAGE CONTENTS

Your EverBrite 48W LED Light Pods package includes the following items:

- 2 x EverBrite 48W LED Light Pods
- 1 x 16AWG Wiring Harness Kit (includes relay, switch, and fuse box connections)
- Mounting Hardware (bolts, nuts, washers)
- Paper Model for Installation



Figure 3.1: Contents of the EverBrite 48W LED Light Pods package, including two light pods, wiring harness, and mounting hardware.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your EverBrite LED Light Pods:

1. **Choose Mounting Location:** Select a suitable location on your vehicle for the light pods. Consider areas that provide optimal light projection and are compatible with the flush mount design.
2. **Prepare Mounting Surface:** Use the provided paper model to confirm the exact hole size and mounting position. Carefully cut or drill the necessary openings in the mounting surface.
3. **Secure Light Pods:** Insert the light pods into the prepared openings. Use the supplied bolts, nuts, and washers to securely fasten the pods to the vehicle.
4. **Wiring Connection:** Connect the light pods to the included 16AWG wiring harness kit. The harness is designed for straightforward connection to your vehicle's power source (DC 9V-30V). Ensure all connections are secure and properly insulated.
5. **Connect to Power:** Connect the wiring harness to your vehicle's battery (positive and negative terminals) and integrate the control switch into your vehicle's cabin for easy access.

EASY TO INSTALL



Figure 4.1: Detailed wiring diagram for connecting the EverBrite LED Light Pods to your vehicle's electrical system using the provided harness.

EFFECTIVE HEAT DISSIPATION



OVER
50,000
HOURS LIFESPAN

EASY TO INSTALL



Figure 4.2: Visual representation of the easy installation process for the EverBrite LED Light Pods.

5. OPERATING INSTRUCTIONS

Your EverBrite LED Light Pods offer multiple lighting modes for various conditions. Use the control switch to operate the lights:

- **Power ON/OFF:** Press the ON/OFF button on the control switch to turn the lights on or off.
- **Change Modes:** Press the MODE button repeatedly to cycle through the 6 available lighting modes:
 - a. White Light
 - b. Amber Light
 - c. White & Amber Light (combined)
 - d. White Strobe
 - e. Amber Strobe
 - f. White & Amber Strobe (combined)
- **Memory Function:** The light pods will remember the last selected mode and automatically turn on in that mode the next time they are activated.

- **Reset Function:** To reset the light modes to their default sequence, press and hold the MODE button for 3 seconds.



Figure 5.1: Visual guide to the 6 distinct lighting modes and control switch functions.



Figure 5.2: The memory function ensures the lights power on in the last used mode.



Figure 5.3: Hold the MODE button for 3 seconds to reset the lighting sequence.

6. MAINTENANCE

To ensure the longevity and optimal performance of your EverBrite LED Light Pods, follow these simple maintenance guidelines:

- **Regular Cleaning:** Periodically clean the lens and housing of the light pods with a soft cloth and mild soap. Avoid abrasive cleaners that could scratch the lens.
- **Inspect Wiring:** Regularly check the wiring harness and connections for any signs of wear, corrosion, or damage. Ensure all connections remain tight and secure.
- **Heat Dissipation:** Ensure that the cooling fins on the back of the light pods are free from dirt, mud, or debris to allow for efficient heat dissipation.
- **Water Resistance:** While rated IP67 waterproof, avoid prolonged submersion or high-pressure water jets directly on the lights to prevent potential damage over time.



Figure 6.1: The IP67 waterproof design and robust aluminum housing contribute to the durability of the light pods.

7. TROUBLESHOOTING

If you encounter issues with your EverBrite LED Light Pods, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, blown fuse.	Check battery connections. Ensure wiring harness is securely connected. Inspect the fuse in the wiring harness and replace if blown.
Only one light pod works.	Faulty connection to one pod, damaged pod.	Verify the connection to the non-working light pod. If connections are secure, the pod may be damaged and require replacement.
Modes are not switching correctly.	Faulty control switch, internal issue.	Try the Reset Function (hold MODE button for 3 seconds). If the issue persists, the control switch or internal components may be faulty.
Lights flicker or dim.	Insufficient power, loose connection, overheating.	Check battery voltage. Ensure all wiring connections are tight. Clear any obstructions from the cooling fins.

If you are unable to resolve the issue using the troubleshooting steps above, please contact EverBrite customer support for further assistance.

8. SPECIFICATIONS

Key technical specifications for the EverBrite 48W LED Light Pods:

Specification	Detail
Brand	EverBrite
Model Number	E007075
Color	White/Amber Light
Form Factor	Pod
Recommended Uses	Vehicle Exterior (Off-road, Household, Work, Fog)
Auto Part Position	Front
Included Components	2-pack light bars, wiring harness kit.
Material	Aluminum
Water Resistance Level	Waterproof (IP67)
Remote Control Included?	Yes

Specification	Detail
Number of Pieces	2
Item Weight	3.41 pounds
Package Dimensions	8.31 x 6.57 x 5.47 inches
UPC	820909775553
Date First Available	February 15, 2022



Figure 8.1: Detailed product dimensions for the EverBrite 48W LED Light Pods.

9. WARRANTY AND SUPPORT

EverBrite stands behind the quality of its products. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official EverBrite website. For any technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please contact EverBrite customer service through the following channels:

- **Online Support:** Visit the EverBrite store on Amazon: [EverBrite Store](#)
- **Protection Plans:** Consider purchasing an extended protection plan for additional coverage. Options include 2-Year and 3-Year Protection Plans, as well as a Complete Protect plan for multiple purchases.