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› NAOEVO 4 Inch LED Pod Lights User Manual

NAOEVO 4 inch LED Light Pods

NAOEVO 4 Inch LED Pod Lights User Manual

Model: 4 inch LED Light Pods

Brand: NAOEVO

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your NAOEVO 4 Inch LED Pod Lights. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Image: Four NAOEVO 4 Inch LED Pod Lights, packaged and ready for use. These lights are designed for various vehicle applications, including trucks, boats, ATVs, UTVs, and pickups.

2. PRODUCT FEATURES

- **Spot Flood Combo Beam:** Features a 15° spotlight beam to provide high-focus, long-range visibility and a 120° floodlight beam for broader coverage. The 45° adjustable bracket allows for flexible beam direction.
- **High Brightness:** Each 4-inch light pod contains 20 high-end SMD3030 LED chips, delivering a total of 240W/24000LM (for 4 pods) of bright 6500K white light.
- **Durable Construction:** Constructed with a die-cast aluminum housing and advanced sealing technology, providing an IP68 waterproof rating. Features a sturdy PC lens panel and 10 cooling fans for efficient heat dissipation, extending lifespan up to 50,000 hours.
- **Wide Application:** Compatible with 99% of vehicles, suitable for LED tractor/offroad/ditch/truck lights, golf cart/boat lights, and other outdoor adventures.
- **Easy Installation:** Designed for straightforward installation and connection. (Note: Wiring harness is not included and must be purchased separately).

WIDER & FURTHER VISIBILITY



NAOEVO®

- ✓ 6500K White
- ✓ 240W 24000LM
- ✓ Super Wide & Far

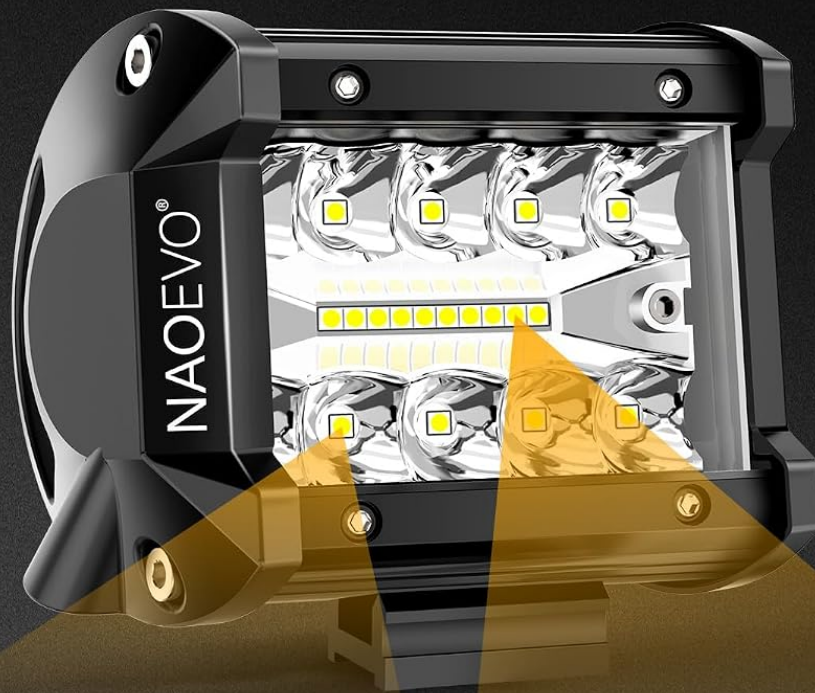


OTHER

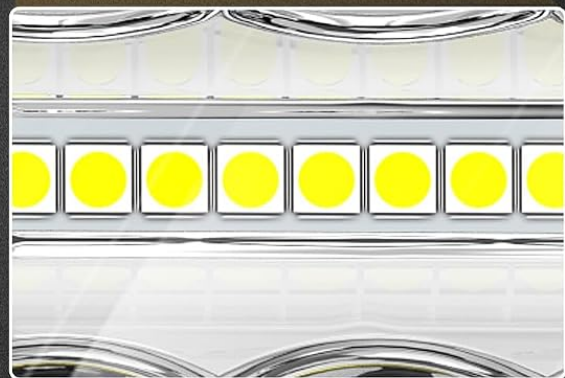
- ✗ Dim White
- ✗ 25W 1000LM
- ✗ Narrow Short Range

Image: Visual comparison demonstrating the superior brightness and wider coverage of NAOEVO LED lights compared to standard lights, highlighting 6500K white light and 240W/24000LM output.

SPOT FLOOD COMBO BEAM



15° Spotlight Achieves High Focus, Long Distance Lighting Effect.



120° Floodlight Enable a Wide Field of Vision While Driving.

Image: Detailed view of the spot and flood combo beam, showing how the 15° spotlight provides focused, long-distance light and the 120° floodlight offers a wide field of vision.

3. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation.

- 4 Pcs 4 Inch LED Light Pods
- 1 Set Bracket Kit (Installation Accessories)

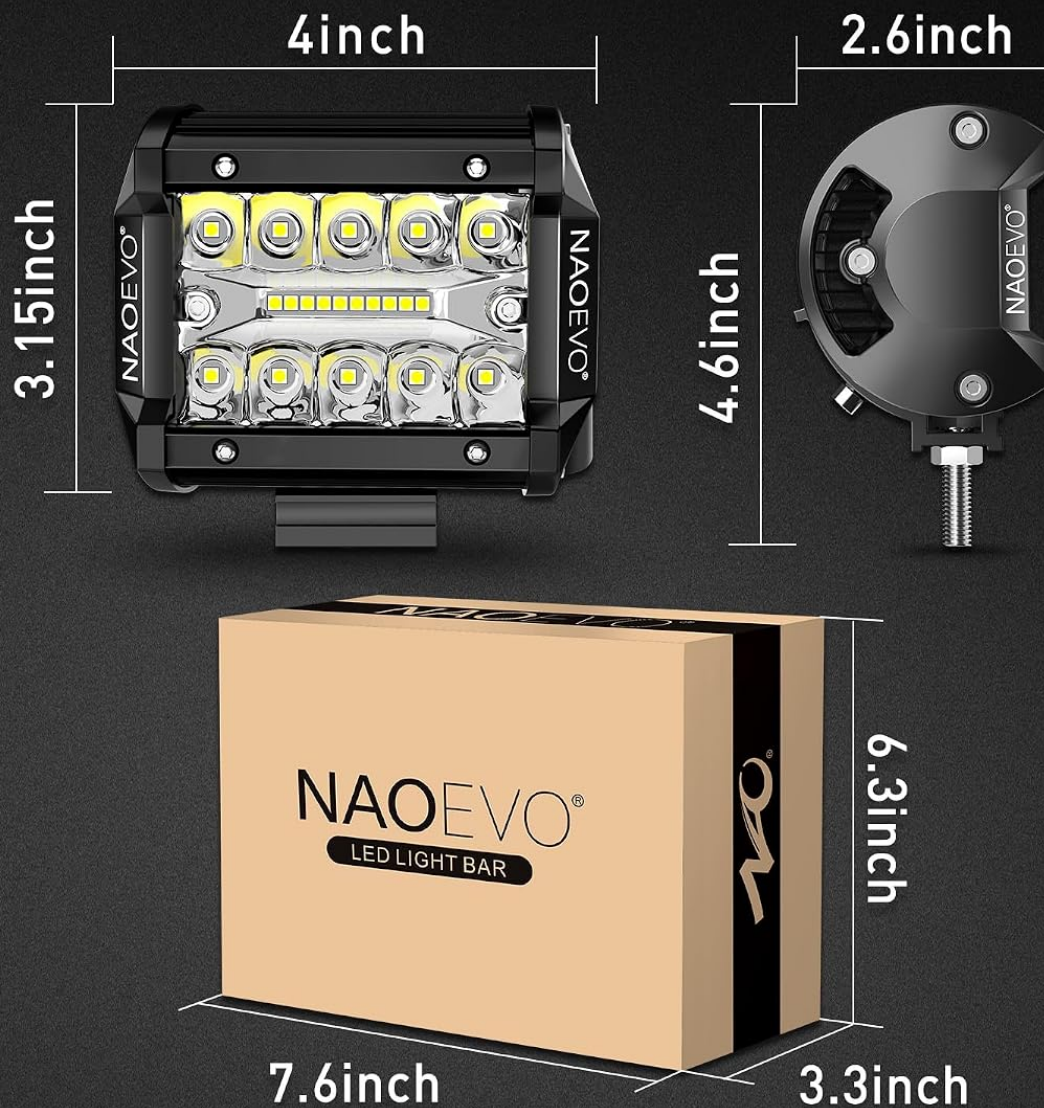


Image: An illustration of the package contents, including the four LED light pods and the bracket kit with various screws and mounting hardware.

4. SPECIFICATIONS

Attribute	Value
Brand	NAOEVO
Model Number	4 inch LED Light Pods
Dimensions (L x W x H)	4 x 3.15 x 3.15 inches
Item Weight	2.6 pounds
Wattage	240W (total for 4 Pcs)
Lumen Output	24,000LM (total for 4 Pcs)
Color Temperature	6500K White
Beam Pattern	Spot (15°) & Flood (120°) Combo
Waterproof Rating	IP68
Lifespan	Up to 50,000 Hours
Material	Die-cast Aluminum Housing, PC Lens
Vehicle Service Type	ATV, Jeep, SUV, UTV, Truck, Boat

PRODUCT DIMENSION



Package List

- 4 Pcs 4inch Led Light Pod
- 1 Set Installation Accessories

Image: Detailed product dimensions for the 4-inch LED light pod and its retail packaging, providing precise measurements for planning installation.

5. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the product:

- Always disconnect the vehicle's battery before beginning any electrical work.
- Ensure proper wiring and fuse protection to prevent electrical shorts and overloads.

- Do not look directly into the LED lights when they are illuminated, as this can cause eye strain or damage.
- Mount the lights securely to prevent vibration and detachment during vehicle operation.
- Ensure the mounting location does not obstruct the driver's view or interfere with vehicle safety systems.
- Consult local regulations regarding auxiliary lighting before installation.

6. SETUP AND INSTALLATION

The NAOEVO LED Pod Lights are designed for easy installation. Follow these steps for optimal setup:

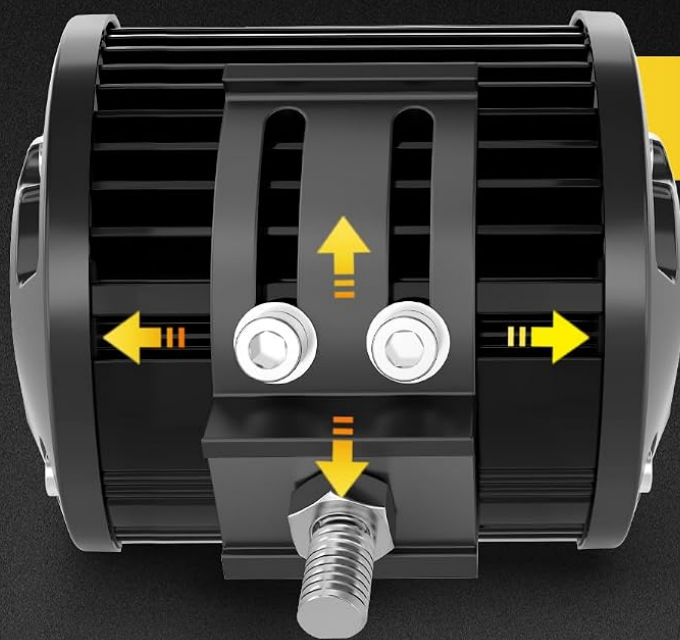
6.1 Tools Required (Not Included)

- Wrench set
- Wire strippers/crimpers
- Electrical tape or heat shrink tubing
- Wiring harness (recommended, not included)
- Drill (if new mounting holes are required)

6.2 Installation Steps

1. **Mounting the Lights:** Attach the LED pods to your desired location using the provided bracket kit. The bracket allows for 45° adjustment to direct the beam. Ensure the mounting surface is sturdy and can support the weight of the lights.

EASY INSTALLATION



Adjustable Bracket
(Up/Down/Left/Right)



45° Adjustment

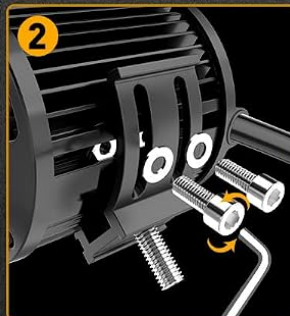
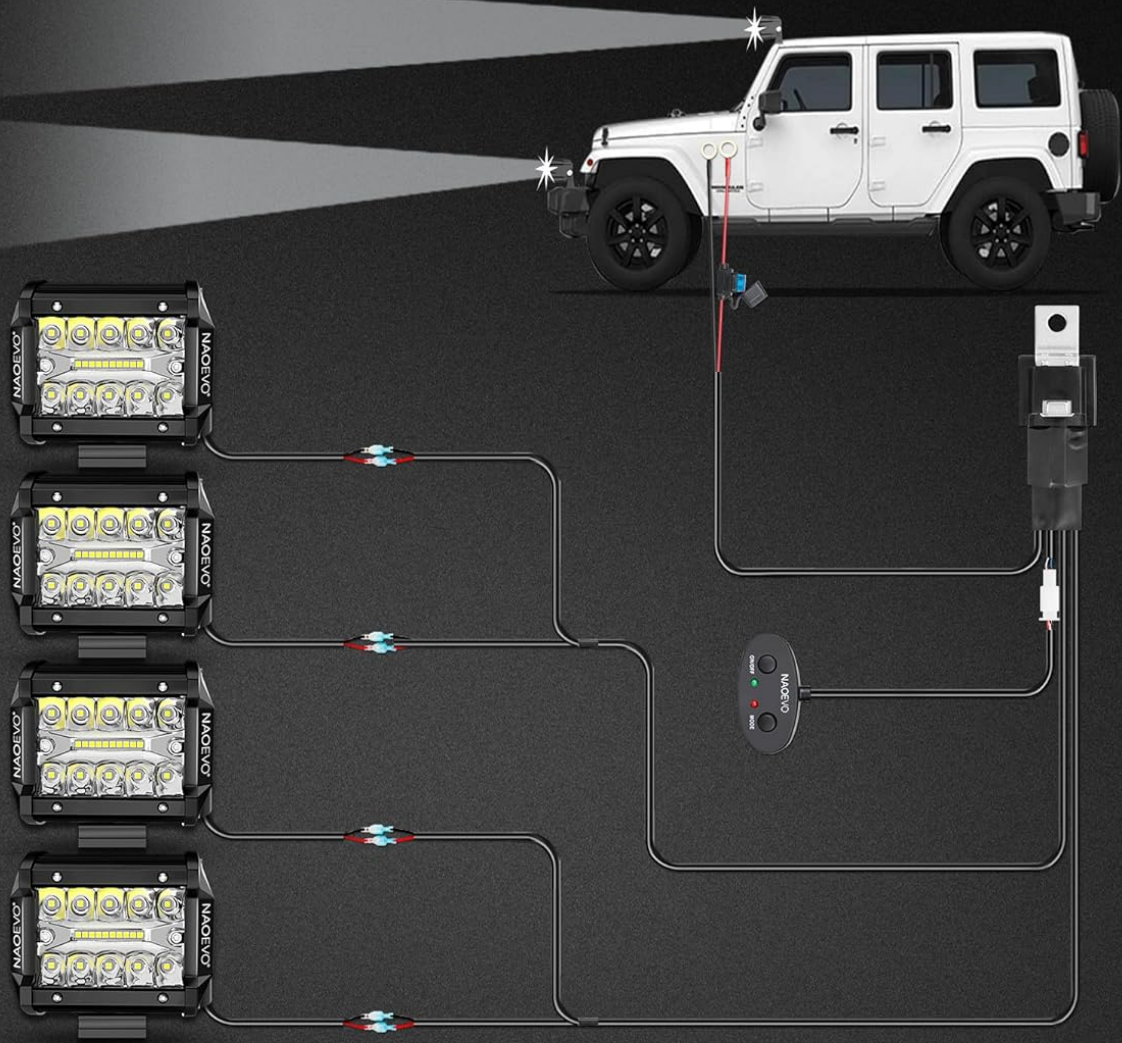


Image: Illustration detailing the adjustable bracket mechanism, allowing for precise vertical and horizontal positioning, as well as a 45-degree tilt for beam direction.

2. **Wiring Connection:** Connect the positive (+) and negative (-) wires from the LED pods to your vehicle's electrical system. It is highly recommended to use a dedicated wiring harness with a relay and fuse for proper protection and operation.

PLUG AND PLAY



TIPS:

The LED Light Pods Kit Doesn't Contain Wiring Harness.

Image: A simplified wiring diagram showing how to connect the LED light pods to a vehicle's battery via a switch and relay. Note that the wiring harness is sold separately.

3. **Secure Connections:** Ensure all electrical connections are secure and insulated to prevent short circuits and corrosion.
4. **Test Functionality:** After installation, test the lights to ensure they illuminate correctly and the beam pattern is as desired. Adjust the angle of the lights if necessary.

7. OPERATION

Once installed, operating your NAOEVO LED Pod Lights is straightforward:

- Turn on the lights using the switch connected to your wiring harness.
- The lights will provide a powerful combination of spot and flood illumination.
- Adjust the angle of the lights as needed for different driving conditions or off-road scenarios.



Image: The LED lights performing reliably in diverse weather conditions, including rain, fog, snow, and dust, showcasing their robust design and IP68 waterproof rating.



Image: A light blue Jeep equipped with NAOEVO 4-inch light pods, demonstrating their powerful illumination on a snowy road during nighttime driving.

8. MAINTENANCE

To ensure the longevity and optimal performance of your NAOEVO LED Pod Lights, follow these simple maintenance guidelines:

- **Cleaning:** Periodically clean the lens with a soft cloth and mild soap and water. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly check all mounting hardware and electrical connections for tightness and signs of wear or corrosion. Tighten any loose bolts and repair any damaged wiring.
- **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.



Image: An internal view highlighting the 10 cooling fins designed to efficiently dissipate heat from the LED chips, contributing to the product's long lifespan.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, blown fuse, faulty switch.	Check power source, inspect all wiring connections, replace fuse, test switch.
Lights flicker or are dim.	Insufficient power, loose connection, corroded terminals.	Ensure adequate voltage, tighten connections, clean terminals.
Moisture inside the lens.	Seal integrity compromised, extreme temperature changes.	Ensure proper sealing during installation. If persistent, contact support.
Lights detach or vibrate.	Loose mounting hardware.	Tighten all mounting bolts and nuts securely.

10. WARRANTY AND SUPPORT

NAOEVO stands behind its products. If you have any questions or encounter issues with your LED Pod Lights, please contact NAOEVO customer support for assistance.

For support, visit the official NAOEVO Store on Amazon:[NAOEVO Store](#)

Please retain your proof of purchase for warranty claims.