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> ASPL 29.5" 54 LED Strobe Light Bar (Amber/White) Instruction Manual

ASPL 29.5 inch Light Bar A W

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Model: 29.5 inch Light Bar A W

1. PRODUCT OVERVIEW

The ASPL 29.5-inch 54 LED Strobe Light Bar is designed for enhanced visibility and safety in various vehicle applications. Featuring high-intensity amber and white LEDs, this light bar offers multiple flashing patterns and a durable, weather-resistant construction. It is suitable for emergency vehicles, construction vehicles, tow trucks, and other utility applications.



Figure 1: ASPL 29.5" 54 LED Strobe Light Bar (Amber/White)

Key Features:

- **Super Visibility:** Equipped with 54 high-intensity LEDs, providing bright illumination for day and night use. Features six groups of LEDs on the front and back, and one on each side for effective 360-degree warning.
- **Easy Installation:** Utilizes 4x7 strong magnets with large, thick rubber suction cups for secure mounting without damaging vehicle surfaces.
- **Multiple Flashing Modes:** Offers 26 distinct flashing patterns, selectable via a dual switch button on the

cigarette lighter plug. Includes a last-used pattern recall/memory function.

- **High Quality Construction:** Made from durable aluminum material with an IP67 waterproof rating, ensuring a lifespan of over 50,000 hours and resistance to moisture, vibration, rain, fog, dust, and snow.
- **Versatile Power:** Operates on DC 12-24V, compatible with a wide range of vehicles.

2. SETUP AND INSTALLATION

Follow these steps to properly install your ASPL Strobe Light Bar:

1. **Choose Mounting Location:** Select a flat, metallic surface on your vehicle's roof for optimal magnetic adhesion. Ensure the surface is clean and dry.
2. **Secure the Light Bar:** Place the light bar on the chosen surface. The 4x7 strong magnets with rubber suction cups will provide a secure attachment. The rubber cups protect the vehicle's paint and enhance stability.

4 RUBBER SUCTION CUP PODS

NO HURTING THE ROOF OF THE VEHICLE
ADDING STRENGTH ON ATTACHMENT



4 X 7 = 28 STRONG MAGNETS

MORE STABLE THAN OTHER 4X4 MAGNETS
EASY TO INSTALL ON ANY METAL ROOF

Figure 2: Magnetic Base with Rubber Suction Cups

3. **Adjust Light Angle:** The individual LED light modules are adjustable. Loosen the side screws on the mounting brackets to pivot the light bars up or down to achieve the desired warning angle. Tighten the

screws securely once adjusted.

4. **Connect Power:** The light bar comes with a 16.4 ft heavy-duty cable and a 12-24V cigarette lighter plug. Plug the cigarette lighter adapter into your vehicle's 12V or 24V accessory socket. The long cable allows for flexible routing within the vehicle.



Figure 3: Power Cable and Dual Cigarette Lighter Plug

3. OPERATING INSTRUCTIONS

Operating your ASPL Strobe Light Bar is straightforward:

1. **Power On/Off:** Use the red rocker switch located on the cigarette lighter plug to turn the light bar ON or OFF.
2. **Select Flashing Mode:** Press the black button next to the power switch on the cigarette lighter plug to cycle through the 26 available flashing patterns. The light bar will remember the last selected pattern when powered off and on again.



SUPER VISIBILITY

29.5" 54 LED STROBE LIGHT BAR



Figure 4: Super Visibility LED Arrangement

4. MAINTENANCE

To ensure the longevity and optimal performance of your light bar, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the lens and housing with a soft cloth and mild soap solution. Avoid abrasive cleaners or solvents that could damage the polycarbonate lens.
- **Inspection:** Periodically check the magnetic mounts and rubber suction cups for wear or damage. Ensure they are securely attached to the light bar and the vehicle. Inspect the power cable for any signs of fraying or damage.
- **Weather Resistance:** The light bar is IP67 waterproof, meaning it is protected against dust and can withstand immersion in water up to 1 meter for 30 minutes. However, prolonged exposure to extreme conditions or high-pressure washing should be avoided to prevent potential damage.

IP67 WATERPROOF RATING

- LIFESPAN UP TO 50,000 HOURS
- STRONG FOG PENETRABILITY
- CORROSION RESISTANT
- DUST-PROOF

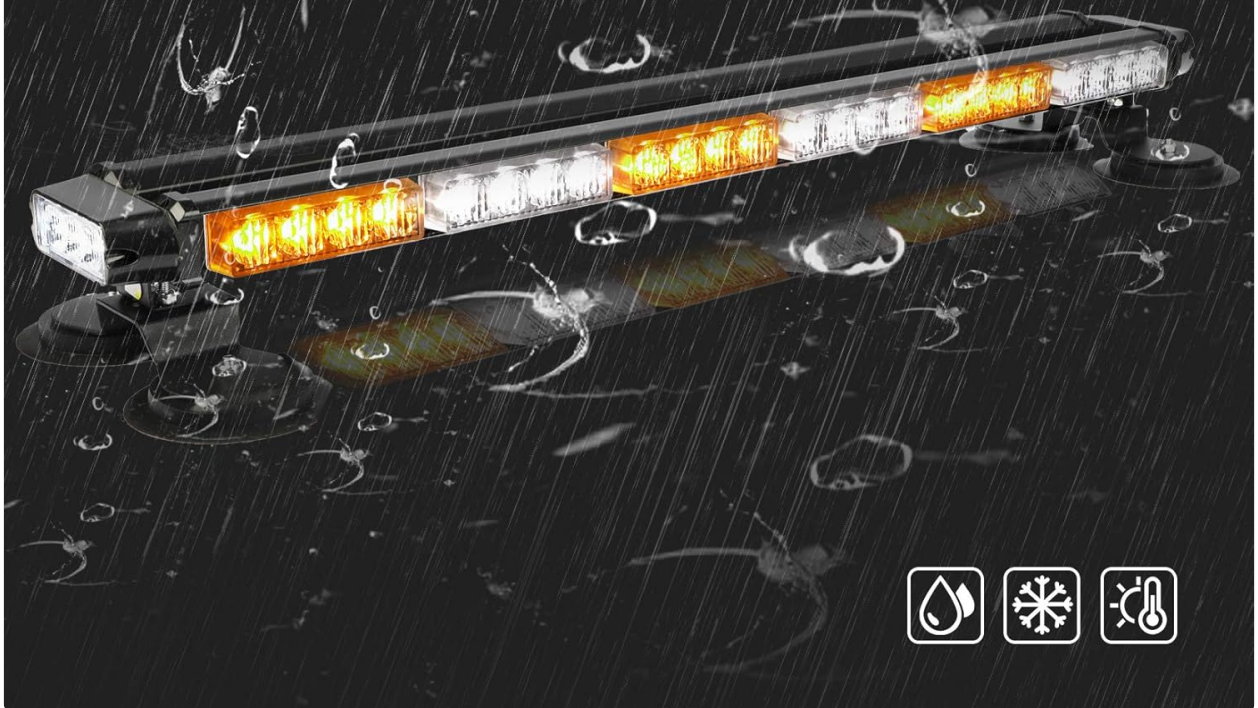


Figure 5: IP67 Waterproof Rating and Durability

5. TROUBLESHOOTING

If you encounter issues with your light bar, refer to the following common troubleshooting steps:

- **Light Bar Not Turning On:**

- Ensure the cigarette lighter plug is fully inserted into the vehicle's accessory socket.
- Check the vehicle's accessory socket for power by testing with another device.
- Verify the ON/OFF rocker switch on the plug is in the 'ON' position.
- Inspect the power cable for any visible damage or loose connections.

- **Flashing Modes Not Changing:**

- Press the mode selection button firmly.
- Ensure the light bar is receiving consistent power.

- **Light Bar Falling Off Vehicle:**

- Ensure the mounting surface is clean, dry, and metallic.
- Verify the rubber suction cups are intact and creating a proper seal.
- Avoid mounting on non-metallic surfaces or areas with significant curvature.

6. SPECIFICATIONS

Detailed technical specifications for the ASPL 29.5" 54 LED Strobe Light Bar:

Feature	Specification
Brand	ASPL
Model Number	29.5 inch Light Bar A W
Dimensions (L x W x H)	29.5 x 8.1 x 3.7 inches
LED Count	54 High-Intensity LEDs
Color	Amber/White
Wattage	54W (1W / LED)
Operating Voltage	DC 12-24V
Cable Length	16.4 ft
Mounting Type	Magnetic Base with Rubber Suction Cups
Flashing Modes	26 Patterns (with memory function)
Waterproof Rating	IP67
Lifespan	Over 50,000 hours
Lens Material	Polycarbonate
Item Weight	6.29 pounds

360 DEGREES COVERAGE

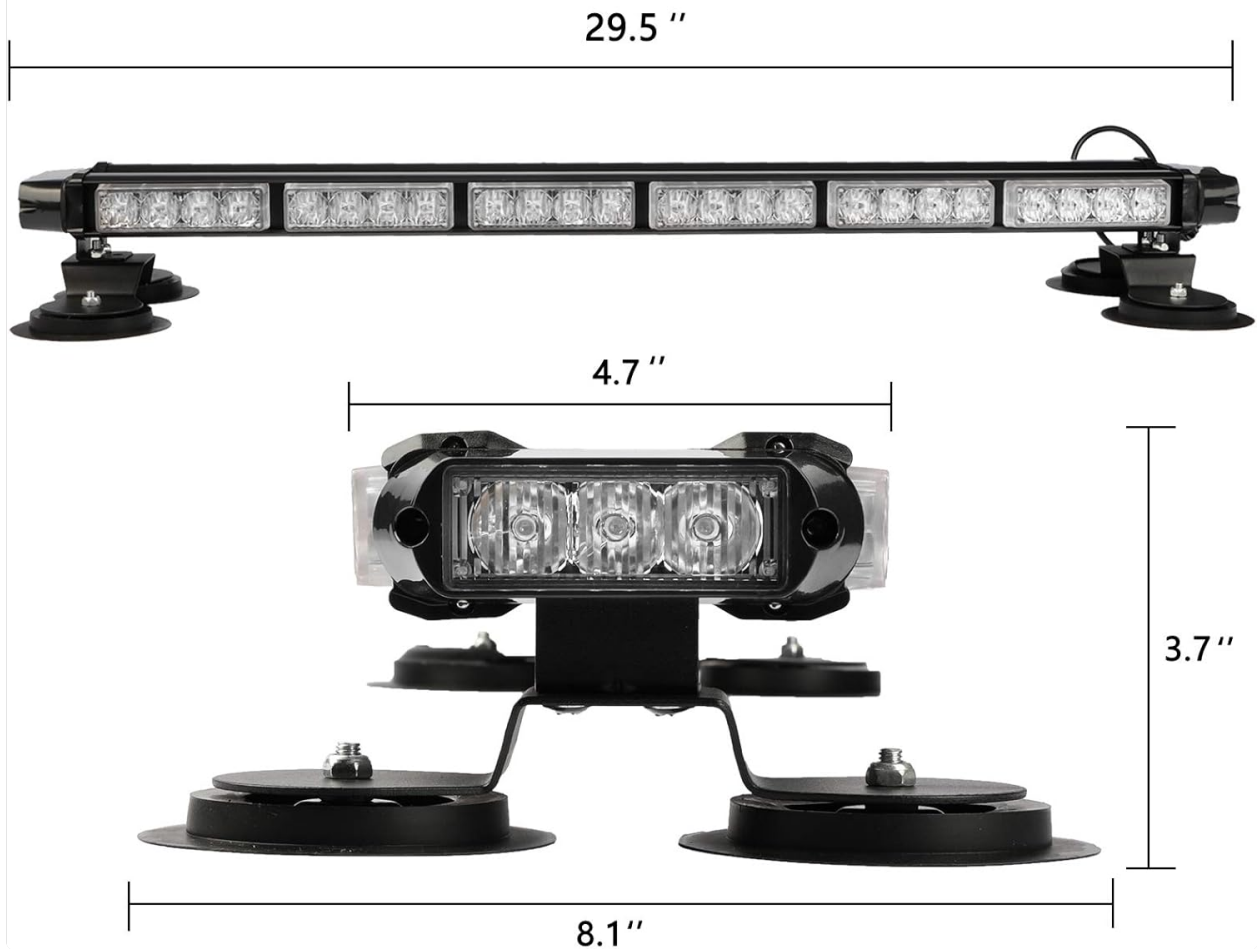


Figure 6: Product Dimensions

7. WARRANTY AND SUPPORT

ASPL products are manufactured to high-quality standards. For specific warranty details, please refer to the product packaging or contact ASPL customer support directly. If you require technical assistance or have questions regarding your light bar, please reach out to the manufacturer's support channels.

For further assistance, please visit the official ASPL store or contact their customer service department.

- **ASPL Store:** [Visit ASPL Store on Amazon](#)