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Betts 407097

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Model: 407097



Image: Betts brand logo, typically displayed in blue and orange colors.

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Betts 407097 LED Amber Sequential Arrow Light. This product is designed for fleet and plant maintenance applications, providing clear and visible signaling. Please read this manual thoroughly before use to ensure safe and efficient operation.



Image: Front view of the Betts 407097 LED Amber Sequential Arrow Light, showing the amber LED array configured as an arrow within a round housing.

2. SAFETY INFORMATION

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

- **Electrical Safety:** Ensure power is disconnected before installation or maintenance. All electrical connections must be performed by a qualified professional in accordance with local electrical codes.
- **Mounting:** Securely mount the light to a stable surface to prevent detachment during operation or movement.
- **Voltage:** Verify that the power source voltage matches the product's specified operating voltage (100 to 240 Volts, 50-60 Hertz).
- **Outdoor Use:** This product is designed for outdoor use. Ensure all connections are properly sealed against moisture.
- **Heat:** While LED lights generate less heat than traditional bulbs, ensure adequate ventilation around the unit.

3. PACKAGE CONTENTS

The Betts 407097 LED Amber Sequential Arrow Light package includes:

- One (1) Betts 407097 LED Amber Sequential Arrow Light unit.
- *Note: Additional mounting hardware or wiring may be required and is not included.*

4. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Site Selection:** Choose a mounting location that provides optimal visibility for the sequential arrow signal and is structurally sound to support the unit.
2. **Power Disconnection:** Ensure all power to the installation area is disconnected before proceeding.
3. **Mounting:** Securely attach the light unit to the chosen surface using appropriate fasteners (not included). The unit features a round shape and requires a stable mounting point.
4. **Electrical Connection:** Connect the light to a compatible electrical power source. This unit operates on 100 to 240 Volts, 50-60 Hertz. Ensure correct polarity and proper insulation for all wiring, especially for outdoor applications. Consult a qualified electrician if unsure.
5. **Testing:** Once installed and wired, restore power and test the light's functionality.

5. OPERATING INSTRUCTIONS

The Betts 407097 LED Amber Sequential Arrow Light is designed for straightforward operation:

- **Power On/Off:** The light is activated by applying power to its electrical connection. Disconnecting power will turn the unit off.
- **Sequential Arrow Function:** The LED array is designed to display an amber sequential arrow pattern, indicating direction or warning. This pattern is automatic upon power activation.
- **Control Method:** The product specifications mention "Touch" as a control method. If your specific

installation includes a touch-sensitive control interface, refer to the documentation for that interface for specific operation details. Otherwise, the light operates by direct power application.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED light:

- **Cleaning:** Periodically clean the lens with a soft, damp cloth to remove dirt and debris that may obstruct light output. Avoid abrasive cleaners.
- **Inspection:** Regularly inspect the mounting hardware and electrical connections for any signs of wear, corrosion, or loosening. Tighten connections as necessary.
- **Damage:** If the unit's housing or lens becomes damaged, replace the unit to maintain its integrity and performance.

7. TROUBLESHOOTING

If you encounter issues with your Betts 407097 LED Amber Sequential Arrow Light, consider the following:

- **Light Not Illuminating:**
 - Check the power supply to ensure it is active and providing the correct voltage.
 - Verify all electrical connections are secure and correctly wired.
 - Inspect for any tripped circuit breakers or blown fuses in the power circuit.
- **Flickering or Intermittent Operation:**
 - Ensure stable power supply. Fluctuations in voltage can cause flickering.
 - Check for loose wiring connections.
 - Inspect for moisture ingress if used outdoors.
- **Incorrect Sequential Pattern:**
 - This is unlikely for a self-contained unit. If observed, verify power stability. If the issue persists, the unit may require replacement.

If troubleshooting steps do not resolve the issue, contact Betts customer support or a qualified technician.

8. SPECIFICATIONS

Feature	Detail
Brand	Betts
Model Number	407097
Light Type	LED
Light Color	Amber
Specific Uses	Fleet and plant maintenance
Indoor/Outdoor Usage	Outdoor

Feature	Detail
Power Source	Electrical
Accepted Voltage Frequency	100 to 240 Volts, 50 Hertz to 60 Hertz
Control Method	Touch <i>(Note: May refer to external control interface)</i>
Shape	Round
Material	Copper
Item Weight	1.2 pounds
Manufacturer	Betts

9. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Betts 407097 LED Amber Sequential Arrow Light, please contact Betts directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.