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Maxxima M20384WYCL

Maxxima M20384WYCL White/Amber Ultra Thin 4 LED Warning Strobe Light User Manual

Model: M20384WYCL

1. PRODUCT OVERVIEW

The Maxxima M20384WYCL is an ultra-thin profile 4 LED warning light designed for surface mounting. This model features 2 white LEDs and 2 amber LEDs with a clear lens, providing strong light output for emergency, warning, and safety applications. Its low-profile design allows for easier mounting and a slimmer appearance.



Image 1.1: Front view of the Maxxima M20384WYCL White/Amber Ultra Thin 4 LED Warning Strobe Light.

2. WHAT'S IN THE Box

Verify that all components are present before beginning installation.

- Maxxima M20384WYCL Warning Strobe Light
- Gasket
- Snap-On Black Bezel
- Mounting Screws

3. SETUP AND INSTALLATION

This warning light is designed for surface mount installation. Ensure the mounting surface is clean, flat, and provides adequate space for the light and wiring.

3.1 Mounting

1. Select a suitable mounting location on your vehicle. The light's dimensions are approximately 4.4 inches (L) x 0.9 inches (D) x 1.5 inches (H).
2. Position the light with the included gasket and black bezel. Mark the drilling points for the mounting screws.
3. Drill pilot holes at the marked locations.
4. Secure the light to the surface using the provided mounting screws. Ensure a tight fit to prevent moisture ingress.

Optional mounting accessories are available and sold separately, including Maxxima Part# M50144 for grommet mounting, M50138 for a chrome bezel, or M50115 for a stainless steel bracket.



Image 3.1: Side profile of the warning light, highlighting its ultra-thin design.

Maxxima

Ultra 0.9" Thin Profile 4 LED Warning Light - White/Amber/Clear



Image 3.2: Example installation of the warning light on a vehicle grille.

3.2 Wiring

The M20384WYCL light features 4 blunt cut leads for electrical connection. Ensure all connections are secure and properly insulated to prevent short circuits and corrosion.



Image 3.3: Rear view of the light with wiring leads.

Typical Wiring Configuration:

- **Red Wire:** Positive (+) power input (12.8 VDC). Connect to a fused power source.
- **Black Wire:** Negative (-) ground. Connect to a chassis ground.
- **Yellow Wire:** Pattern selection. Momentarily touch this wire to the black (ground) wire to cycle through the 22 available flash patterns.
- **White Wire:** Synchronization. Connect the white wires of multiple lights together for synchronized or alternating flashing. Refer to the specific wiring diagram for your desired synchronization mode (not provided in general product data).

Always disconnect power before making any electrical connections.

4. OPERATING INSTRUCTIONS

The Maxxima M20384WYCL warning light offers 22 selectable flash patterns and is capable of both synchronized and alternating flashing.

4.1 Powering On/Off

Once properly wired, the light will activate when power is supplied to the red wire. To turn the light off, remove power from the red wire.

4.2 Changing Flash Patterns

With the light powered on, momentarily touch the yellow wire to the black (ground) wire. Each momentary touch will advance the light to the next flash pattern in its sequence. Cycle through the patterns until the desired one is selected.

4.3 Synchronization

For synchronized or alternating flashing with multiple M20384WYCL lights, connect the white wires of all lights together. The specific synchronization behavior (e.g., all flash together, or alternate) is typically determined by the selected flash pattern and the wiring configuration (refer to a detailed wiring diagram if available from the manufacturer for specific synchronization modes).



- 22 Selectable Flash Patterns
- Synchronized / Alternating Flash
- Polycarbonate Lens & Housing
- Snap-On Black Bezel Included
- Low Profile Design
- Completely Resin Sealed Electronics
- Optional Chrome Bezel
- Optional Stainless Steel L Bracket

Image 4.1: Key features of the warning light.

5. MAINTENANCE

The Maxxima M20384WYCL warning light is designed for durability and minimal maintenance.

- **Cleaning:** Clean the lens periodically with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents that could damage the polycarbonate lens.
- **Inspection:** Regularly inspect the wiring for any signs of wear, damage, or corrosion. Ensure mounting screws remain tight.

- **Durability:** The unit features a polycarbonate lens and housing, and completely resin-sealed electronics, providing protection against environmental elements.

6. TROUBLESHOOTING

If you encounter issues with your Maxxima M20384WYCL warning light, consider the following:

- **Light does not illuminate:**
 - Check all electrical connections (red wire to positive, black wire to ground).
 - Verify that the power source is active and providing 12.8 VDC.
 - Check for any blown fuses in the power circuit.
- **Light flashes erratically or not as expected:**
 - Ensure the yellow pattern selection wire is not continuously grounded, which could interfere with pattern selection.
 - If multiple lights are synchronized, check the white wire connections for continuity and proper isolation from ground.
- **Moisture inside the lens:** While the unit is resin-sealed, extreme conditions or improper installation can sometimes lead to condensation. If persistent, contact Maxxima support.

If troubleshooting steps do not resolve the issue, refer to the warranty information for further assistance.

7. SPECIFICATIONS



Image 7.1: Visual representation of product specifications.

| Feature | Detail |
|---------|------------|
| Model | M20384WYCL |

| Feature | Detail |
|-------------------|--|
| LEDs | 4 (2 White / 2 Amber) |
| Lens Color | Clear |
| Width (Lamp Only) | 4.4 inches |
| Depth | 0.9 inches |
| Height | 1.5 inches |
| Amp Draw | 700 mA |
| Voltage | 12.8 VDC |
| Connector | 4 Wire 8" Blunt Cut Leads |
| Mounting | Surface Mount |
| Flash Patterns | 22 Selectable |
| Special Features | Snap-On Black Bezel, Low Profile Design, Completely Resin Sealed Electronics |

8. WARRANTY INFORMATION

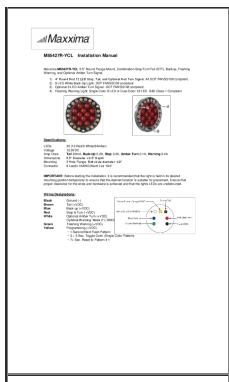
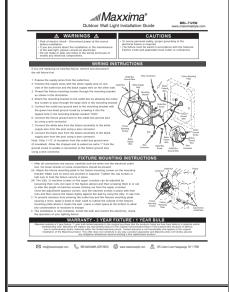
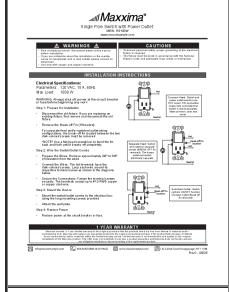
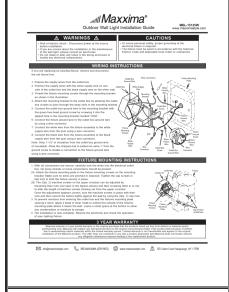
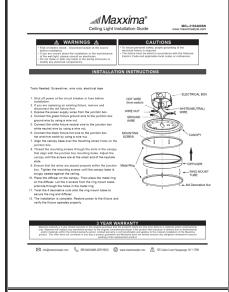
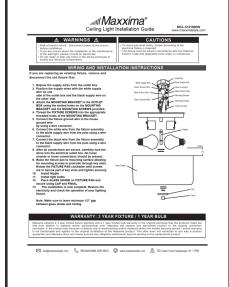
The Maxxima M20384WYCL Warning Strobe Light is backed by a **5 Year Maxxima Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or detailed terms and conditions, please contact Maxxima customer support.

9. SUPPORT

For technical assistance, product inquiries, or warranty support, please visit the official Maxxima website or contact their customer service department. You can also visit the [Maxxima Store on Amazon](#) for additional product information and resources.

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Related Documents - M20384WYCL

| | |
|--|---|
|  | <p>M85427R-YCL Installation Manual - Maxxima Vehicle Safety</p> <p>Comprehensive installation guide for the Maxxima M85427R-YCL vehicle warning light, detailing mounting, wiring, and safety procedures. Provided by Maxxima, a division of Panor Corp.</p> |
|  | <p>Maxxima MEL-7125W Outdoor Wall Light Installation Guide</p> <p>Step-by-step installation instructions and warranty information for the Maxxima MEL-7125W Outdoor Wall Light, including safety warnings and wiring guidance.</p> |
|  | <p>Maxxima MEW-RS100W Single Pole Switch with Power Outlet Installation Guide</p> <p>Installation instructions and warranty information for the Maxxima MEW-RS100W Single Pole Switch with Power Outlet. Learn how to safely install and wire the device.</p> |
|  | <p>Maxxima Outdoor Wall Light Installation Guide</p> <p>Installation guide for the Maxxima Outdoor Wall Light, including wiring instructions, mounting instructions, and warranty information.</p> |
|  | <p>Maxxima MCL-3163400SN Ceiling Light Installation Guide</p> <p>Comprehensive installation guide for the Maxxima MCL-3163400SN ceiling light, featuring step-by-step instructions, safety warnings, cautions, diagram descriptions, and warranty information.</p> |
|  | <p>Maxxima MCL-5121800W Ceiling Light Installation Guide</p> <p>Installation guide for the Maxxima MCL-5121800W ceiling light, including warnings, cautions, wiring and installation instructions, and warranty information.</p> |

[Maxxima 2016 Catalog: Comprehensive LED Lighting Solutions for Trucks and Commercial Vehicles](#)

Explore the Maxxima 2016 catalog, a comprehensive guide to high-performance LED lighting for trucks, commercial vehicles, and heavy-duty applications. Maxxima offers a wide range of headlights, work lights, warning lights, and more, designed for durability and superior illumination.

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