

ECO Safety Lights P6LM1

ECO Safety Lights P6LM1 LED Portable Rapid Flashing Safety Light User Manual

Brand: ECO Safety Lights | Model: P6LM1

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1. INTRODUCTION

The ECO Safety Lights P6LM1 is a portable, rapid flashing LED safety light designed for personal hazard indication. It features 6 bright LEDs and a strong magnetic base for versatile mounting. This light is water-resistant and suitable for various outdoor applications, including emergency response, construction, and traffic control. It operates on two "D" batteries and includes an optional photocell for automatic day/night activation.



Figure 1: ECO Safety Lights P6LM1 LED Portable Rapid Flashing Safety Light (Green). This image shows the overall design of the safety light with its green dome and black base.

2. SETUP

2.1 Battery Installation

The P6LM1 light requires two "D" size batteries (not included) for operation. Follow these steps to install them:

1. Locate the battery compartment at the bottom of the light.
2. Twist the bottom cap counter-clockwise to remove it.
3. Insert two "D" batteries into the compartment, ensuring correct polarity (+ and - terminals match the markings inside).
4. Replace the bottom cap by twisting it clockwise until securely fastened.



Figure 2: Internal view of the battery compartment. This image displays the open battery compartment with springs for "D" cell batteries and the internal switch for the photocell.

2.2 Photocell Setting

The P6LM1 includes an optional photocell feature that allows the light to automatically activate at dusk and deactivate at dawn. To adjust this setting:

1. With the bottom cap removed (as described in Battery Installation), locate the small switch inside the battery area.
2. Set the switch to the desired mode:
 - **Day and Night (Always On):** The light will flash continuously regardless of ambient light conditions.
 - **Automatic (Photocell Enabled):** The light will automatically turn on when it gets dark and turn off when it is daylight.

3. Once the setting is selected, replace the bottom cap.

Note: The photocell switch is visible near the battery terminals in Figure 2.

3. OPERATING INSTRUCTIONS

3.1 Activating the Light

After battery installation and photocell setting, the light will begin flashing according to the selected mode. The P6LM1

flashes at approximately 180 single flashes per minute.



Figure 3: The P6LM1 light in operation. This image shows the green safety light actively flashing, illuminating its surroundings with a green glow.

3.2 Mounting the Light

The P6LM1 features a strong magnetic base for secure and temporary mounting on various surfaces.

- Ensure the mounting surface is clean and free of debris to maximize magnetic adhesion.
- Place the magnetic base firmly onto any ferrous metal surface, such as vehicle bodies, metal posts, or equipment.
- To remove, simply pull the light away from the surface.



Figure 4: View of the magnetic base. This image shows the bottom of the safety light, clearly indicating the "MAGNETIC" label on its base, designed for secure attachment to metal surfaces.

4. MAINTENANCE

4.1 Battery Replacement

The estimated battery life for the P6LM1 is over 2000 hours. When the light appears dim or stops flashing, it is time to replace the batteries. Refer to Section 2.1 for battery installation instructions.

4.2 Cleaning

To maintain optimal performance and visibility, keep the light's dome and base clean. Wipe with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the plastic or electronic components.

4.3 Storage

When storing the light for extended periods, it is recommended to remove the "D" batteries to prevent leakage and potential damage to the device.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not flash.	- Batteries are dead or incorrectly installed. - Photocell switch is set to "Automatic" and it is currently daylight.	- Replace batteries, ensuring correct polarity (refer to Section 2.1). - Check photocell switch setting (refer to Section 2.2). If in "Automatic" mode, test in a dark environment.
Light is dim.	Batteries are low.	Replace batteries (refer to Section 2.1).
Magnetic base does not hold securely.	- Surface is not ferrous metal. - Surface is dirty or uneven.	- Ensure mounting on a suitable metal surface. - Clean the mounting surface and the magnetic base.

6. SPECIFICATIONS

Feature	Detail
Model Number	P6LM1
Brand	ECO Safety Lights
Color	Green
Light Source Type	LED (6 LEDs)
Bulb Features	Rapid Flashing (approx. 180 flashes/minute)
Power Source	Battery Powered (2 x "D" batteries, not included)
Estimated Battery Life	2000+ hours
Mounting Type	Magnetic Mount
Material	Metal (base), Plastic (dome)
Product Dimensions	Approximately 5 x 5 x 6 inches
Item Weight	Approximately 1 pound
Weather Resistance	Yes
Photocell	Optional (for automatic day/night operation)

7. WARRANTY & SUPPORT

7.1 Warranty Information

Specific warranty details for the ECO Safety Lights P6LM1 are not provided in this manual. For information regarding warranty coverage, terms, and conditions, please refer to the product packaging or contact ECO Safety Lights directly.

7.2 Customer Support

If you encounter any issues or have questions about your ECO Safety Lights P6LM1, please contact the manufacturer or the retailer from whom you purchased the product. Keep your purchase receipt and product model number (P6LM1) available when seeking support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question