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Klarus CL5

Klarus CL5 Portable Magnetic Work Light User Manual

Model: CL5

1. Introduction

Thank you for choosing the Klarus CL5 Portable Magnetic Work Light. This compact and versatile LED light is designed for various applications, offering multiple brightness levels, color temperatures, and convenient features like a magnetic base and rotatable head. Please read this manual carefully to ensure proper use and maintenance of your device.

2. Product Overview

2.1 Key Features

- **Ultra-Portable Design:** Measures 2.3x2.1 inches and weighs 0.16 lbs, making it easy to carry.
- **650 Lumen Adaptive Brightness:** Offers 8 lighting modes (Turbo, Low, Medium, High, Steady Red, Flashing Red, SOS, Breathing Light) and 4 color temperatures (2700K-6500K).
- **180° Rotatable Beam Control:** Adjustable head for precise illumination.
- **Magnetic Base & Hook:** Strong magnetic base for attachment to metal surfaces and a hook for hanging.
- **IPX5 Waterproof & ABS Durability:** Constructed from military-grade ABS material, resistant to water splashes and drops.
- **USB-C Rechargeable:** Fast charging via USB-C port.

2.2 Components

The Klarus CL5 package includes the work light, a USB-C charging cable, and a carabiner hook.



Figure 1: Klarus CL5 Lightweight Compact Design. The light measures 60mm x 54mm and weighs 74g, comparable in size to an earbuds case.



Figure 2: Multi-functional details of the Klarus CL5, including 180° rotation, magnetic base, keychain/backpack hook, and a fluorescent ring for easy location in the dark.

3. Setup

3.1 Initial Charging

Before first use, fully charge the Klarus CL5. Connect the provided USB-C cable to the charging port on the device and to a compatible USB power source. The charging indicator lights will show the charging status.



Figure 3: The Klarus CL5 charging via USB-C. The charging indicator lights show the battery level and charging progress.

3.2 Attaching the Carabiner

Attach the included carabiner to the designated loop on the CL5 for easy carrying on backpacks, keychains, or for hanging the light.

4. Operating Instructions

The Klarus CL5 features two control buttons: one for brightness/mode selection and another for color temperature adjustment.

4.1 Power On/Off and Brightness Modes

Press the power button (marked with a power symbol) to turn the light on. Subsequent presses will cycle through the brightness modes: Low (45LM), Medium (140LM), High (430LM). Double-click the power button for Turbo mode (650LM). The light has a memory function and will turn on in the last used mode.

4.2 Special Modes

From any brightness mode, press and hold the power button to access special modes:

- **Steady Red Light (9LM):** Ideal for preserving night vision.
- **Flashing Red Light (9LM):** For signaling or emergency situations.
- **SOS (9LM):** Standard international distress signal.
- **Breathing Light (10-30LM):** A gentle, pulsating light.



Figure 4: Overview of the 8 available light modes and their respective lumen outputs.

Video 1: Demonstration of the Klarus CL5's 8 light modes, showcasing the different brightness levels and special red light functions.

4.3 Color Temperature Adjustment

Press the color temperature button (marked with a sun symbol) to cycle through the 4 available color temperatures: Warm 2700K, Warm White 3500K, White 4500K, and Cool White 6500K. This allows you to select the most suitable light tone for your environment or task.



Figure 5: The Klarus CL5 features dual-switch intuitive control for brightness and color temperature, offering four distinct color temperature options.

4.4 180° Rotatable Head

The light head can be rotated 180 degrees to direct the beam precisely where needed. This feature, combined with the magnetic base, allows for hands-free operation in various orientations.

Video 2: Overview of the Klarus CL5, highlighting its portability, magnetic attachment capabilities, and suitability for EDC, work, and camping scenarios.

5. Maintenance

5.1 Cleaning

Wipe the light with a soft, damp cloth to remove dirt or debris. Do not use abrasive cleaners or solvents.

5.2 Storage

Store the CL5 in a cool, dry place when not in use. For long-term storage, ensure the battery is partially charged (around 50%) to prolong its lifespan.

5.3 Water Resistance

The CL5 has an IPX5 water resistance rating, meaning it can withstand splashes and light rain. It is not designed for submersion in water.



Figure 6: The Klarus CL5 is IPX5 waterproof, capable of withstanding rain, water splashes, or damp conditions.

6. Troubleshooting

6.1 Light Not Turning On

- Ensure the battery is charged. Connect the light to a USB-C power source and check the charging indicator.
- Verify that the power button is being pressed correctly.

6.2 Light Not Charging

- Check the USB-C cable for damage and ensure it is securely connected to both the light and the power source.
- Try a different USB-C cable or power adapter.

6.3 Inconsistent Mode Switching

- Ensure buttons are pressed firmly and deliberately.
- If the issue persists, contact customer support.

7. Specifications

Specification	Value
Model Number	CL5

Specification	Value
Product Dimensions	2.3"L x 2.1"W x 1"H
Item Weight	74 Grams (2.61 ounces)
Light Output Maximum	650 Lumens
Brightness Modes	Turbo (650LM), High (430LM), Medium (140LM), Low (45LM), Constant Red (9LM), Flashing Red (9LM), SOS (9LM), Breathing Light (10-30LM)
Color Temperatures	2700K, 3500K, 4500K, 6500K
Battery Type	1 Lithium Polymer battery (included)
Charging Port	USB-C
Water Resistance Level	IPX5 (Waterproof)
Material	Acrylonitrile Butadiene Styrene (ABS)
Mounting Type	Tabletop Mount, Magnetic, Hook

8. Warranty and Support

For warranty information, technical support, or any inquiries regarding your Klarus CL5, please refer to the official Klarus website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

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