

Streamlight 44310

Streamlight Vulcan 180 Lantern Instruction Manual

Model: 44310

Brand: Streamlight

INTRODUCTION

The Streamlight Vulcan 180 Lantern (Model 44310) is a high-performance, rechargeable, and waterproof multi-function lantern designed for demanding environments. It features advanced LED technology for exceptional brightness and includes unique safety features such as ultra-bright blue taillight LEDs for enhanced visibility. This manual provides essential information for the proper setup, operation, maintenance, and safety of your device.

SAFETY INFORMATION AND HAZARDOUS AREA GUIDELINES

Understanding the appropriate safety ratings for your working environment is crucial. The term "intrinsically safe" refers to a protection technique, not a universal safety rating. Always ensure your lighting device matches the specific hazardous area classification of your work environment.

The following video provides important information regarding hazardous area electrical guidelines and intrinsic safety classifications (Class I, II, III; Division 1, 2).

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Video: Understanding Hazardous Area Safety and Intrinsic Safety for Lighting Devices.

Always consult local safety regulations and the specific ratings marked on your device to ensure it is suitable for the presence of flammable gases, vapors, liquids, combustible dusts, or ignitable fibers in your work area.

PRODUCT FEATURES

- **180° Articulating Head:** The lantern features a head that can tilt 180 degrees, allowing you to direct the light precisely where needed. The head locks securely in the forward-facing position.
- **High-Performance LEDs:** Equipped with three powerful LEDs that produce a focused beam with optimal peripheral illumination.
- **Dual Light Output Modes:**
 - **High:** 1,200 lumens, 548m beam distance, 5.75 hours run time.
 - **Low:** 350 lumens, 296m beam distance, 16 hours run time.

- **Blue Safety Taillight LEDs:** Two ultra-bright blue taillight LEDs provide rear visibility, especially useful in conditions like thick smoke. These can be programmed for on/off or flashing operation.
- **Durable Construction:** Made from durable nylon material, designed to be waterproof.
- **Quick Release Strap:** Includes a quick-release strap for convenient carrying and deployment.

SETUP

1. **Initial Inspection:** Upon unpacking, inspect the lantern for any visible damage. Ensure all components, including the quick-release strap, are present.
2. **Attaching the Quick Release Strap:** Securely attach the quick-release strap to the designated attachment points on the lantern. Ensure the clasps are fully engaged.
3. **Initial Charge:** Although the charger is not included with this specific model, ensure the lantern is fully charged before first use. Refer to the charging instructions provided with your compatible Streamlight charger. The lantern uses a Lithium Ion battery.



Image: Front view of the Streamlight Vulcan 180 Lantern, showing the main light head and handle.

MULTI-FUNCTION RECHARGEABLE LANTERN



MAX OUTPUT

MAX RUNTIME

MAX DISTANCE

BATTERY TYPE

Image: The Streamlight Vulcan 180 Lantern with its dimensions (7.43 in length, 4.36 in height, 4.32 in width) and key performance metrics: 1200 lumens max output, 16 hours max runtime, 548 meters max distance, and 1 Lithium-Ion cell battery type.

OPERATING INSTRUCTIONS

- Power On/Off and Mode Selection:** The large tactile push-button switch is designed for easy operation, even with gloves. Press the button once to turn the lantern on. Subsequent presses will cycle through the available light modes (High, Low, and potentially a flashing mode for the taillights, depending on programming). Press and hold the button to turn the lantern off.
- Adjusting the Articulating Head:** The light head can be tilted 180 degrees to direct the beam. Gently adjust the head to your desired angle. It will lock into place in the forward-facing position.
- Taillight Operation:** The two ultra-bright blue taillight LEDs can be programmed for on/off or flashing. Refer to the detailed programming instructions in the full user guide for specific steps on customizing taillight behavior.

MULTI-FUNCTION RECHARGEABLE LANTERN

Features a 180° tilting head that allows you to direct light where you need it. Three white LEDs produce a far-reaching, high lumen beam.



180°
Articulating
Head

Image: The Streamlight Vulcan 180 Lantern with its 180-degree articulating head tilted, projecting a bright beam of light. The image highlights the flexibility of the light direction.





Image: A side view of the Streamlight Vulcan 180 Lantern, showing its head tilted upwards, demonstrating the 180-degree articulation feature.

MAINTENANCE

- **Cleaning:** Clean the lantern's exterior with a damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or seals.
- **Waterproof Design:** The Vulcan 180 is waterproof. Ensure all caps and covers are securely fastened to maintain its waterproof integrity. Do not submerge the lantern beyond its rated depth or for extended periods.
- **Battery Care:** For optimal battery life, recharge the lantern regularly, especially after prolonged use or storage. Avoid fully depleting the battery before recharging.
- **Storage:** Store the lantern in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **Lantern Not Turning On:**
 - Check if the battery is charged. Connect to a compatible charger and allow sufficient charging time.
 - Ensure the power button is pressed firmly.
- **Reduced Light Output:**
 - The battery may be low. Recharge the lantern.
 - Clean the lens if it appears dirty or obstructed.
- **Water Intrusion:** If water is suspected inside the unit, discontinue use immediately and contact customer support. Do not attempt to open or repair the sealed unit yourself.

SPECIFICATIONS

Feature	Detail
Model Name	44310
Brand	Streamlight
Light Output (High)	1200 Lumens
Beam Distance (High)	548 meters
Run Time (High)	5.75 hours
Light Output (Low)	350 Lumens
Beam Distance (Low)	296 meters
Run Time (Low)	16 hours
Power Source	Battery Powered
Battery Type	Lithium Ion (1 required)
Voltage	3.7 Volts (DC)
Light Source Type	LED
Material	Nylon
Water Resistance Level	Waterproof
Item Weight	2.47 Pounds
Item Dimensions (LxWxH)	4 x 4 x 4 inches
Color	Orange

WARRANTY

The Streamlight Vulcan 180 Lantern is covered by a limited lifetime warranty. For specific terms and conditions, please refer to the official Streamlight warranty documentation or visit their official website.

SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please visit the official Streamlight website or contact their customer service department. You can also visit the [Streamlight Store on Amazon](#) for additional product information and accessories.