

## Streamlight 88127

# Streamlight ProTac Rail Mount HL-X Pro USB Light

Model: 88127

Brand: Streamlight

## 1. PRODUCT OVERVIEW

The Streamlight ProTac Rail Mount HL-X Pro is a high-performance, lightweight, and low-profile long gun light designed for tactical applications. It delivers a powerful 1000 lumens and 50,000 candelas, providing a beam distance of up to 447 meters. This multi-fuel light offers versatility, capable of operating with either two CR123A lithium batteries or the included Streamlight SL-B26 USB rechargeable battery.

Key features include:

- **1000 Lumens Output:** Provides intense illumination for various scenarios.
- **Multi-Fuel Capability:** Compatible with CR123A batteries or the rechargeable SL-B26 USB battery.
- **Jack-Cap Tail Switch:** Offers dual operational control with both a push-button and a port for a remote pressure switch.
- **TEN-TAP Programming:** Allows users to select from three different operating programs.
- **Integrated Rail Clamps:** Facilitates easy, tool-free attachment to MIL-STD 1913 Picatinny rails and M-LOK compatible rail systems.



Image 1.1: The Streamlight ProTac Rail Mount HL-X Pro USB Light shown with all included components, such as the light unit, remote pressure switch, M-Lok kit, and USB charging cable.

## 2. INCLUDED COMPONENTS

The Streamlight ProTac Rail Mount HL-X Pro USB Light (Model 88127) package typically includes the following items:

- ProTac Rail Mount HL-X Pro Light Unit
- 1 SL-B26 USB Rechargeable Battery Pack
- 40-inch USB Cord
- Jack-Cap Tail Switch (pre-installed or separate)
- M-Lok Kit
- Momentary Pressure Switch
- Hardware Kit for mounting
- 25mm Allen Wrench



Image 2.1: A detailed view of all items provided in the product packaging, including the light, battery, charging cable, and mounting hardware.

## 3. SETUP AND INSTALLATION

### 3.1 Battery Installation and Charging

1. Unscrew the tail cap of the light unit.
2. Insert the SL-B26 USB rechargeable battery with the positive (+) end facing towards the head of the light.
3. Screw the tail cap back on securely.
4. To charge the SL-B26 battery, connect the included USB cord to the battery's USB port and a compatible USB power source. The indicator light on the battery will show charging status.
5. Alternatively, two CR123A lithium batteries can be used. Ensure correct polarity when inserting.

### 3.2 Mounting the Light

The ProTac Rail Mount HL-X Pro is designed for easy attachment to MIL-STD 1913 Picatinny rails and M-LOK compatible rail systems.

1. Identify the desired mounting location on your rail system.
2. For Picatinny rails, use the integrated rail clamps. Loosen the thumbscrew, position the light on the rail, and tighten the thumbscrew firmly by hand.

3. For M-LOK systems, attach the M-Lok kit to the light unit using the provided hardware. Then, align the M-Lok attachment points with the M-Lok slots on your rail and secure using the M-Lok fasteners and the 25mm Allen wrench.
4. If using the remote pressure switch, attach it to the Jack-Cap tail switch port and secure the pressure pad to your desired location on the firearm using the provided mounting accessories.



Image 3.1: The ProTac Rail Mount HL-X Pro light securely mounted on a long gun rail, demonstrating its low-profile design.

## 4. OPERATING INSTRUCTIONS

### 4.1 Jack-Cap Tail Switch Operation

The Jack-Cap tail switch provides versatile control:

- **Momentary On:** Press and hold the push-button on the tail cap. Release to turn off.
- **Constant On:** Press the push-button fully until it clicks. Press again to turn off.
- **Remote Pressure Switch:** When connected, the remote pressure switch provides momentary activation. Press and hold the pressure pad for momentary on. Some models may offer a constant on button on the



pressure switch assembly.



Image 4.1: A detailed view of the Jack-Cap tail switch, showing the push-button and the port for the remote pressure switch connection.

## 4.2 Light Modes and Performance

The ProTac Rail Mount HL-X Pro features multiple output modes:

- **High:** 1000 Lumens, 50,000 Candela, 447m beam distance. Runtime: 1.25 hours (CR123A) / 1.75 hours (SL-B26).
- **Low:** 60 Lumens, 3,100 Candela, 111m beam distance. Runtime: 21 hours (CR123A) / 24 hours (SL-B26).
- **Strobe:** For signaling or disorienting. Runtime: 2.5 hours (CR123A) / 3.5 hours (SL-B26).

## 4.3 TEN-TAP Programming

The TEN-TAP programming allows you to select one of three user-selectable programs:

1. **High/Strobe/Low (Factory Default):** Tap (momentary press) the switch rapidly 10 times, holding it down on the 10th tap. The light will turn off. Continue holding until the light flashes. Release the switch.
2. **High Only:** Repeat the 10-tap process. The light will flash twice. Release the switch.
3. **Low/High:** Repeat the 10-tap process. The light will flash three times. Release the switch.

To cycle through the programs, repeat the 10-tap process. The light will indicate the current program by flashing 1, 2, or 3 times.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Streamlight ProTac Rail Mount HL-X Pro light.

- **Cleaning:** Wipe the light with a clean, damp cloth. Do not use abrasive cleaners or solvents. Keep the lens clean for maximum light output.
- **O-Rings:** Periodically inspect the O-rings for wear and tear. Apply a thin coat of silicone grease to maintain water resistance. Replace O-rings if damaged.
- **Battery Care:** For the SL-B26 USB battery, charge it regularly, especially if the light will not be used for an extended period. Store the battery in a cool, dry place. If using CR123A batteries, replace them when the light output diminishes. Do not mix old and new batteries or different battery types.
- **Connections:** Ensure all electrical contacts and connections (battery terminals, tail cap threads) are clean and free of debris.

## 6. TROUBLESHOOTING

If you encounter issues with your Streamlight ProTac Rail Mount HL-X Pro, consider the following common solutions:

Problem	Possible Cause	Solution
Light does not turn on	Dead or low battery; Incorrect battery orientation; Loose tail cap; Dirty contacts	Charge or replace battery; Ensure correct polarity; Tighten tail cap; Clean battery and light contacts
Light is dim or flickers	Low battery; Loose tail cap; Dirty contacts	Charge or replace battery; Tighten tail cap; Clean battery and light contacts
Remote pressure switch not working	Not fully plugged into Jack-Cap; Damaged switch or cable	Ensure secure connection; Inspect switch and cable for damage, contact support if damaged
Cannot change TEN-TAP program	Incorrect tapping sequence	Ensure rapid, consistent taps (10 times, holding on the 10th)

If these steps do not resolve the issue, please refer to the warranty and support section for further assistance.

## 7. TECHNICAL SPECIFICATIONS

Detailed specifications for the Streamlight ProTac Rail Mount HL-X Pro USB Light (Model 88127):

Feature	Specification
Model Number	88127
Light Source	LED
Material	Anodized Aluminum
Color	Black
Max Lumens	1000 Lumens

Feature	Specification
Max Candela	50,000 Candela
Beam Distance	447 meters (High)
Power Source	Battery Powered (SL-B26 USB Rechargeable or 2x CR123A)
Voltage	3.7 Volts (SL-B26)
Battery Cell Composition	Lithium Ion
Item Weight	7.2 ounces (0.45 Pounds)
Product Dimensions (L x W x H)	5.43"D x 1.45"W x 1.72"H
Water Resistance Level	Water Resistant (IP54)
Certifications	ANSI, CE



Image 7.1: Visual representation of the light's dimensions and key performance indicators like max output, runtime, and beam distance.

## 8. WARRANTY AND SUPPORT

Streamlight products are known for their durability and reliability. The Streamlight ProTac Rail Mount HL-X Pro USB Light comes with a **Limited Lifetime Warranty**.

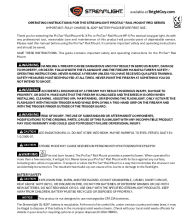


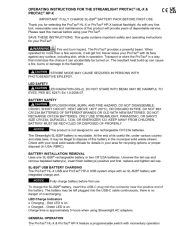
This warranty covers defects in material and workmanship for the lifetime of the product, excluding batteries, bulbs, abuse, and normal wear and tear. For specific details regarding warranty claims or technical support, please visit the official Streamlight website or contact their customer service department.

For additional information and product support, you may visit the official Streamlight store on Amazon:



[Streamlight Store](#).

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### Related Documents - 88127

	<p><a href="#">Streamlight ProTac Rail Mount Pro Series Operating Instructions</a></p> <p>Comprehensive operating instructions for the Streamlight ProTac Rail Mount Pro Series tactical flashlight, covering safety, battery installation and charging, mounting procedures for MIL-STD-1913 and M-LOK rails, general operation, maintenance, product use, warranty, and service options.</p>
	<p><a href="#">Streamlight ProTac Rail Mount HL-X Pro Operating Instructions and Safety Guide</a></p> <p>Comprehensive operating instructions, safety guidelines, and maintenance information for the Streamlight ProTac Rail Mount HL-X Pro tactical flashlight.</p>
	<p><a href="#">Streamlight ProTac HL 5-X USB Operating Instructions</a></p> <p>Comprehensive operating instructions for the Streamlight ProTac HL 5-X USB tactical flashlight, covering battery installation, charging, modes, safety warnings, maintenance, warranty, and service information.</p>
	<p><a href="#">Streamlight ProTac HL-X &amp; HP-X Tactical Flashlight Operating Instructions</a></p> <p>Official operating instructions for Streamlight ProTac HL-X and ProTac HP-X tactical flashlights. Covers safety, battery charging and installation, operation modes, maintenance, and warranty information.</p>



	<p><a href="#"><u>Streamlight ProTac HL 5-X USB Tactical Flashlight Operating Instructions</u></a></p> <p>Official operating instructions for the Streamlight ProTac HL 5-X USB tactical flashlight, covering battery installation, charging, operation modes, safety warnings, warranty, and service.</p>
	<p><a href="#"><u>Streamlight ProTac 2.0 Rail Mount Series Operating Instructions and Safety Guide</u></a></p> <p>Operating instructions, safety guidelines, mounting procedures, and warranty details for the Streamlight ProTac 2.0 Rail Mount Series weapon-mounted flashlight.</p>