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JUNE 2025

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## STREAMLIGHT'S MEGASTREAM USB

*The evolution of EDC illumination*

## ***STREAMLIGHT'S MEGASTREAM USB - The evolution of EDC illumination***

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The Streamlight MEGASTREAM USB emerges as a powerful and practical everyday carry (EDC) flashlight, designed to meet the rigorous demands of professionals, outdoor enthusiasts, and general users alike. Its compact form factor belies an impressive output, positioning it as a serious contender in the rechargeable flashlight market. In this review I will introduce every significant specification and feature along with how well those specifications are executed in what I can describe as an impressive offering from Streamlight.

At the heart of any flashlight is its ability to produce light, and the Streamlight MEGASTREAM USB truly excels here. It features advanced LED technology, impervious to shock and boasting an estimated lifetime of 30,000 hours, ensuring long-term reliability. The light offers three

distinct output modes, allowing users to tailor illumination to their specific needs, balancing brightness with runtime.

On High Mode is where the MEGASTREAM USB truly earns its "Mega" designation. On high mode, the flashlight blasts an astounding 1,800 lumens of brightness. This level of output is remarkable for a flashlight of its size, comparable to larger, more specialized lighting systems. Accompanying this intense brightness is a peak beam intensity of 26,000 candela, which translates to a formidable 322-meter beam distance. This allows the user to illuminate distant objects with clarity, making it ideal for search and rescue, law enforcement, or simply spotting something far off in the dark. The runtime on high is 2 hours, providing a significant duration of maximum illumination for critical tasks.

In Medium Mode, the light produces a less intense light but still a substantial throw, of 500 lumens. With a peak beam intensity of 7,200 candela, the beam reaches an impressive 170 meters. This mode strikes an excellent balance between output and battery life, offering a generous runtime of 3.5 hours. It's perfect for navigating trails, inspecting equipment, or routine use where broad, strong illumination is beneficial without being overwhelming.

Low Mode gives you an extended runtime and minimal light of 150 lumens. This setting provides 2,100 candela and a beam distance

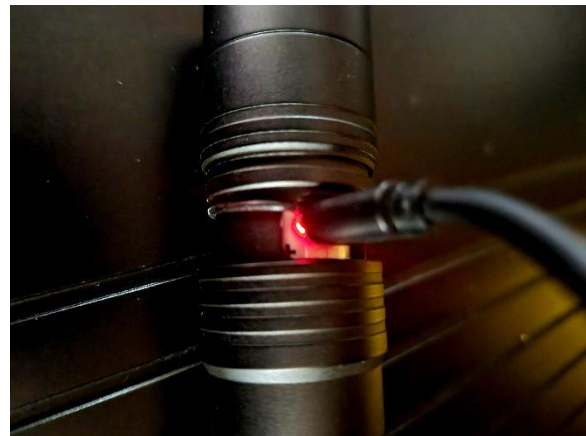
of 92 meters. The standout feature of this mode is its exceptional runtime of 13 hours. This makes the MEGASTREAM USB incredibly versatile for prolonged tasks, such as reading maps, setting up camp, or providing continuous ambient light in an emergency. All runtime claims are measured to 10% of the initial lumen output, ensuring consistent performance throughout the specified duration.



The Streamlight MEGASTREAM USB is powered by a single 3,500mAh Streamlight SL-B34® lithium-ion rechargeable battery pack. This battery is custom designed with an on-board safety circuit, prioritizing user safety and battery longevity. A key convenience factor is the ability to charge the battery both inside and outside of the flashlight.



Charging the MEGASTREAM USB is straightforward, utilizing a USB-C port. To access the port, the user simply slides the head cover back, revealing the charging interface. This thoughtful design protects the port from debris and water when not in use. A full recharge takes approximately 5 hours, and an LED indicator provides clear status: red for charging and green for fully charged. The battery can be left plugged in continuously without concern for overcharging, adding to its user-friendliness. The self-keying battery design ensures proper alignment within the flashlight, preventing incorrect insertion.



The inclusion of a standard USB-C port is a significant advantage, as it allows for versatile charging options from various sources, whether it's a wall adapter, power bank, or car charger. This universal compatibility makes the MEGASTREAM USB highly adaptable to different environments and reduces the need for specialized charging equipment.

Streamlight has a long-standing reputation for building rugged and reliable lighting



tools, and the MEGASTREAM USB is no exception. Its construction is engineered to withstand demanding conditions, making it suitable for professional use and outdoor activities.

The case material is a machined aluminum alloy, well-known for its strength-to-weight ratio and resistance to corrosion. This durable housing is further enhanced with a Type II MIL-Spec anodized finish. This military-grade anodization provides superior abrasion resistance, protecting the flashlight from scratches, dings, and general wear and tears, maintaining its appearance and structural integrity over time. The available color is classic black, offering a professional and understated aesthetic.

The lens is a vital component for light transmission and protection; it's made from unbreakable polycarbonate. This material is highly resistant to impact, ensuring that the light source remains protected even if the flashlight is dropped or subjected to harsh treatment.

Beyond its material composition, the MEGASTREAM USB is designed with a high degree of ingress protection. It boasts an IPX7-rated design, signifying that it is waterproof to 1 meter for 30 minutes. All openings are O-ring sealed, preventing water and dust from entering the internal components. Furthermore, the flashlight has been 2-meter impact resistance tested, confirming its ability to survive drops from common working heights without compromising functionality. These durability

features make the MEGASTREAM USB a trustworthy tool in unpredictable environments. These features translate to an unsurpassed value proposition in the lighting business.

Despite its powerful output and robust construction, the Streamlight MEGASTREAM USB maintains a highly portable and ergonomic design. Its dimensions are engineered for comfortable everyday carry:

- Length: 5.3 inches (13.4 cm)
- Body Diameter: 1.1 inches (2.8 cm)
- Weight: 5.4 oz (152g) with the included battery



This compact size allows the flashlight to easily fit into a pocket, gear bag, or even be clipped onto clothing. A removable pocket clip, along with a nylon holster, are included, offering convenient and secure carry options for belt and molle webbing.

The user interface is straightforward, featuring a push-button tail switch. This switch offers both momentary and constant-on operation, providing flexibility depending on the user's immediate need. Momentary activation is useful for quick bursts of light, while constant-on is ideal for prolonged illumination. Cycling through the high, medium, and low modes is intuitive. The

positive tactile feedback of the tail switch ensures reliable operation even when wearing gloves or in low-light conditions.

The Streamlight MEGASTREAM USB stands out as a formidable entry in the crowded EDC flashlight market. Its "mega" output of 1,800 lumens, coupled with a far-reaching 322-meter beam, provides exceptional illumination for its size, making it suitable for a wide array of tasks from professional duties to casual outdoor adventures. The generous runtimes across its three output modes, particularly the 13-hour low setting, ensure versatility and extended usability.

The convenient USB-C rechargeable SL-B34 lithium-ion battery system is a modern and practical feature, offering easy and safe charging. Built from machined aluminum with a MIL-Spec anodized finish and an unbreakable polycarbonate lens, the MEGASTREAM USB is designed for extreme durability, boasting IPX7 waterproofing and 2-meter impact resistance.

The compact dimensions, lightweight design, and included pocket clip and holster make it an ideal everyday carry companion.

In closing, the Streamlight MEGASTREAM USB delivers on its promise of high-performance lighting in a compact package. It is a testament to Streamlight's commitment to quality and innovation, offering a reliable, powerful, durable flashlight that is well worth the investment for anyone seeking top-tier EDC illumination.

The Streamlight MEGASTREAM USB is an impressive flashlight, from a company who has managed to consistently add value along with performance to its product lines.

The dollars you spend on Streamlight's MEGASTREAM USB are well spent and will deliver one of the best EDC illumination tools on the market in 2025.

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### **Manufacturer Specifications**

- High Lumens: 1,800
- Run Time on High: 2.00 hours.
- Run Time on Low: 13.00 hours.
- Beam Distance: 322 meters.
- Max Candela: 26,000
- Battery Type: SL-B34 Rechargeable Battery Pack
- Battery Quantity: 1
- Length: 5.30 inches (13.46 centimeters)
- Weight: 5.40 ounces (153.09 grams)
- Colors: Black