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Peak LED solutions Glacier Bay

Brad

- Gear reviews and tests - Lamps and Lanterns -



Publication: Tuesday 15 November 2005

Description :

One-watt Luxeon Star flashlight review.

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The Peak LED solutions Glacier Bay is a United States made Luxeon Star flashlight.



It is very simple to use- tighten the head to turn on, loosen to turn off, loosen further to remove the head for battery change.

This and most other Peak LED Solutions lights are available in three materials: black hard-anodize class III aluminum, solid stainless steel, and brass. I selected brass because of its great looks, especially after it gains a patina from use. Even though it is entirely modern, it's easy on the eyes and fits right in with old gear. If weight is a factor, however, aluminum is the superior choice.

The knurling is very well executed and provides a grip advantage without being abrasive. The lug on the rear end unscrews from the light, and allows the light to be easily detached from a key ring or lanyard. Without the lug, the light can be made to illuminate a room by standing it on its end.



Its 1-watt Luxeon Star emits a remarkably bright beam that easily illuminates large objects 100 feet away. The spillbeam is wide and bright also. Light output should remain constant for up to two and a half hours! I've owned

several 1-watt Luxeon lights, and the throw of the Glacier Bay is superior all of them.



A 123A battery provides the LED's power. They can be expensive in stores, but can be had for as little as one dollar apiece online. Much has been made about the cost to operate a 123A-powered light, but remember that several alkaline cells must be used to get the energy provided by the Lithium cells. Combine that with the fact that Lithium cells are much lighter and function perfectly at temperatures as low as -40 Fahrenheit, and I think you'll find that Lithium can be a real bargain.

The reflector is totally smooth, but provides a beam that is nicely uniform, with no distracting artifacts or rings. The lens appears to be a shatter-resistant polycarbonate.



To verify the durability, I dropped the light repeatedly from a height of six feet onto my wooden deck. It was no surprise to find that everything still worked properly. The electronics are potted in epoxy, unlike inexpensive LED lights whose electronics are often susceptible to damage from shock. Don't ask me how I know. This potting also assures that even if water gets by the reliable o-ring seal, it is unlikely that anything (except perhaps the battery) will

be damaged.

The Glacier Bay is one of only two flashlights I have ever owned that I am totally satisfied with. It is as reliable as any, brighter than most, and everything most users could ever want from a flashlight.

Available from [Peak LED Solutions](#)