

## Photoluminescent Reusable "Glow Stick"



This photoluminescent plastic stick resembles a glow stick. But it can be reused indefinitely because, unlike a glow stick, it is not lighted by a chemical reaction. Instead, it absorbs light energy and releases it slowly, staying "bright" for hours. "Bright" is a relative term. Compared to a nightlight using an incandescent bulb, it is not bright. You can't read with it, but you can find it in the dark. When your eyes become dark-adapted, you can see objects in the room.

In the photos above, we put the "UVGloStik" into a compact fluorescent light bulb and secured it with its own carrying strap. This is the 18-watt, 100-watt equivalent CFL bulb, but the 13-watt, 60-watt equivalent CFL bulb also works. When you turn on the light bulb, the UVGloStik begins to absorb light. Turn off the light bulb, and you have a nightlight that requires no batteries, no chemicals, and nothing but light to charge it.

It's nice to have your nightlight where your regular light is.

You could charge up the UVGloStik with sunlight, a headlight, or a flashlight and use it inside your tent. Because it has no flame, it is safe for children to use. (It's especially nice for kids who are afraid of the dark.)

The UVGloStik is available from the manufacturer at [www.uvpaqlite.com](http://www.uvpaqlite.com). They also have other products that work on the same principle.