

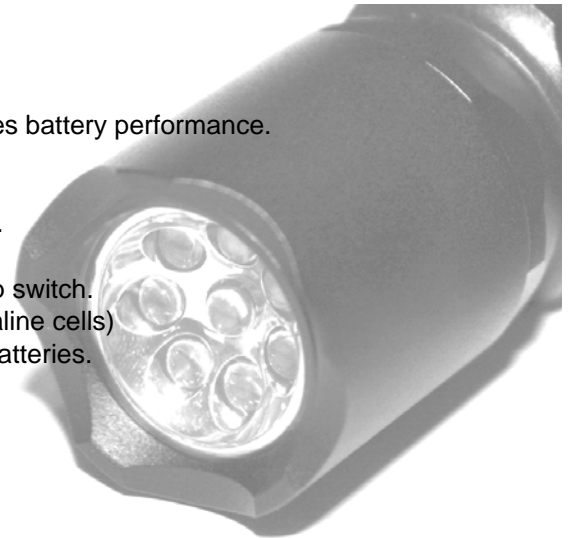


## Pocket 8-LED 365nm Ultraviolet Alternate Light Source



### FEATURES:

- Pocket-sized Alternate Light Source.
- 8 UV LEDs (Nichia 365nm).
- Current-regulated drive circuit maximizes battery performance.
- Black anodized aluminum body.
- Glass lens.
- Uses two readily-available AA batteries.
- Click on/off rubber tailcap switch.
- Momentary-on also possibly with tailcap switch.
- Useful battery life typically 6 hours (alkaline cells)
- Supports Alkaline, Lithium, and NiMH batteries.
- 6 inches long.
- LED Lifetime 10,000 hours.
- Beam angle 10 degrees approximately.
- Each LED has a glass lens (not epoxy).
- Output power ~16mW at 365nm.
- Output power density >800 $\mu$ W/cm<sup>2</sup> at 6" (15cm)
- Lanyard attachment included.
- O-ring sealed.



Living gecko under normal illumination (above) and demonstrating skeletal fluorescence under 365nm illumination (right)



**PART NUMBER**  
XeLED-8UV-R3-365

**DESCRIPTION**  
8-LED flashlight (365nm, requires 2\*AA batteries)

Xenopus Electronix  
www.csiflashlights.com  
sales@xenopuselectronix.com

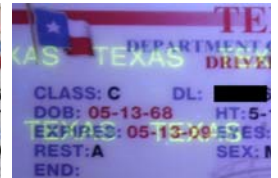




## Pocket 8-LED 365nm Ultraviolet Alternate Light Source



Currency viewed under 365nm. Note stripe on \$100 bill shows up correctly red.



Security markings on drivers license



Diamond fluorescence under 365nm

### INSTRUCTIONS FOR USE:

- Alkaline, Lithium, or rechargeable (NiMH etc) cells supported.
- Batteries install **positive first** from rear of flashlight.
- Do not unscrew head.
- Do not mix battery types.
- Use caution to avoid direct exposure to eye.
- Not a toy — keep out of reach of children!



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**CAUTION: Device emits UV radiation:  
Do not look directly at beam.**