



## Blue 455nm regulated Alternate Light Source featuring xLamp LED Technology



### APPLICATIONS:

- Crime Scene Investigation where a smooth beam blue light source is required.
- Engineered smooth beam ensures excellent photographic results.
- Powerful enough to excite many bodily fluids and fibers.
- Laboratory.
- Scientific.



Semen spot on fabric (1/2" in diameter). Viewed normally (top), and under 455nm (bottom) (with orange filter)



### FEATURES:

- Reliable regulated solid-state blue emission from 3 Watt light source.
- 455nm emission, perfect for numerous crime scene applications.
- Current regulated circuitry maintains constant LED output.
- Powered by long shelf-life CR123A lithium cells (included)
- Also supports rechargeable Li-Ion 18650 cell (optional)
- Tailcap switch features momentary on as well as on/off functionality.
- 6" long x 1.5" wide approx.
- Runtime 4 hours (approx., with CR123A cells).
- LED Lifetime 10,000 hours.
- Lanyard included
- Kit includes custom case and professional orange viewing glasses.



### PART NUMBER

XeLED-Cr1BL-R3-455

### DESCRIPTION

455nm Blue LED flashlight (batteries included).

XeLED-Cr7BL-R3-455-K

Same as above, includes plastic carrying case and orange crime scene glasses.

Xenopus Electronix

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### APPLICATION SPECIFICS:

- Crime Scene inspection tool, useful for detecting materials of forensic interest (fibers, blood, contaminants, etc).
- Viewing fingerprints dusted with fluorescent powders.
- Fibers detected and photographed with orange filter.
- Semen and other organic fluids clearly visible with orange filter.



Fiber evidence viewed in carpet: viewed normally (top), and under 455nm with orange filter (bottom).



Possible organic evidence in girl's bedroom: viewed normally (top), and under 455nm with orange filter (bottom).



Dusted thumbprint on knife under normal light (top), and under 455nm with orange filter



Dusted prints on pink plastic, under normal light (top), and under 455nm with orange filter (bottom).

### IN USE:

- Do not submerge in water — unit is splash-resistant, not waterproof.
- Do not unscrew head.
- Not a toy — keep out of reach of children!
- Appropriate orange viewing goggles should be worn for forensic applications.
- Batteries must be recycled in accordance with local and state guidelines.
- Glass lens can shatter if dropped, use caution.

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**CAUTION: Device emits intense LED radiation: Avoid direct or strongly reflected exposure**