



Blue 455nm Regulated Rechargeable Lantern featuring xLamp LED Technology



Improved!

- Increased output power and preferred 455nm wavelength!

APPLICATIONS:

- Crime Scene Investigation where a cordless high power 455nm light source is required.
- Powerful enough to excite many bodily fluids and fibers.
- Inspection.
- Laboratory.
- Scientific.

FEATURES:

- Reliable regulated solid-state blue emission from seven xLamp LEDs.
- Beautiful smooth beam.
- 450-455nm emission, 21,000mW total emission power.
- Dual-Drive current regulated circuitry maintains constant LED output until low battery indication.
- Rechargeable sealed lead acid battery.
- Charges from standard 120V AC wall outlet (cable included).
- Features low battery indication by flashing to alert user to charge.
- Trigger switch locks for continuous operation.
- 8" long x 4.5" wide.
- LED Lifetime 10,000 hours.
- Runtime approaches 2 hours on full charge.
- Beam angle 15 degrees approximately.



Semen spot on fabric (1/2" in diameter). Viewed normally (top), and under 465nm (bottom) with orange filter

Xenopus Electronix
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PART NUMBER

XeLED-Cr7BL-R3-455

XeLED-Cr7BL-R3-455-K

DESCRIPTION

455nm Blue LED Rechargeable lantern with seven xLamp emitters.
 Same as above, includes plastic carrying case and orange crime scene glasses.



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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.

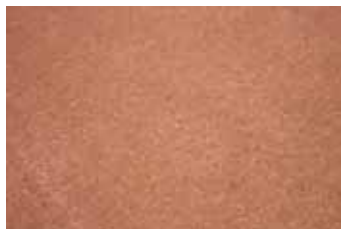


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Fiber evidence viewed in carpet: normally (top), and under 465nm with orange filter (bottom).



Fluid evidence in girl's bedroom: viewed normally (top), and under 465nm with orange filter (bottom).



IN USE:

- This unit has a built-in 120 volt AC charger — use any suitable UL listed household-type extension cord for recharging.
- Red LED on rear indicates charging.
- Red LED flashes when charge is complete.
- Charger for 24 hours prior to initial use.
- If unit is not used for two months, typically 4 hours of charging will be required.
- Do not operate the lantern during charging.
- 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.
- Battery is fully recyclable, and 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**