

Regulated White/Blue/Ultraviolet Selectable AC/DC Rechargeable Lantern

APPLICATIONS:

- Crime scene ALS — two wavelengths plus white.
- Crime scene cleanup.
- Inspection, laboratory, scientific, law enforcement where cordless high UV and Blue emission is required.
- Arson investigation (UV).
- Bodily fluids (Blue)
- Leak detection (UV)
- Scorpion hunting (UV).
- Education in schools.
- Hotel room inspection.



FEATURES:

- Reliable regulated solid-state UV and Blue emission from seven xLamp LEDs, selectable between wavelengths plus white.
- 395-400nm peak emission for UV, 600mW total emission.
- 465-470nm peak emission for Blue, 3W total emission.
- White >1W emission.
- Current regulated circuitry maintains constant UV or Blue output until low battery indication.
- Rechargeable sealed lead acid battery.
- Internal AC charger plus 12VDC charging port (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 4 hours on full charge (longer for white mode).
- Beam angle 15 degrees approximately.
- Patent pending.
- Bonus separate single white LED on front.



Upper toilet seat, missed by cleaning crew (UV mode).

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

PART NUMBER
XeLED-Cr7UV-R2-CSE

XeLED-Cr7UV-R2-CSE-K

DESCRIPTION
Rechargeable crime scene lantern with xLamp technology, selectable 395nm/465nm/white. Kit includes Carrying case, yellow and orange viewing glasses.



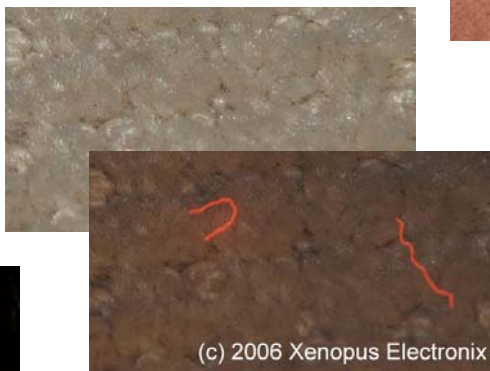
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APPLICATION SPECIFICS:

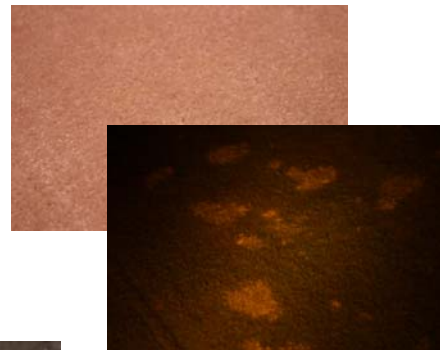
- Inspection work — hotels, bathroom, pest control, carpet cleaning, warehouse, trailer, etc. Fluoresce animal urine, etc.
- Arson investigation — UV lights are a reliable, cost-effective method of detecting accelerant residues, and the point of origin of the fire: the fluorescence wavelength (color under UV) of accelerants is affected by exposure to heat.
- Detectable accelerants include gasoline, kerosene, benzene, acetone, grease, lard, oils (including vegetable), etc.
- Scorpion hunting, invisible ink, glow-in-the-dark art, vaseline glass, etc.



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



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



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

INSTRUCTIONS FOR USE:

- This unit has a built-in 120 volt AC charger — use any suitable UL listed household-type extension cord for recharging, or the 12" extension supplied.
- For 12V DC charging, use included cigarette-adaptor charger.
- Charge for 24 hours prior to initial use (using either AC or DC charging).
- Red LED on rear indicates charging.
- Red LED flashes when charge is complete.
- 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!
- Yellow UV-blocking viewing goggles must be worn.
- Battery is fully recyclable, and must be recycled in accordance with local and state guidelines.
- Glass lens can shatter if dropped, use caution.



**CAUTION: Device emits intense UV radiation:
Avoid direct or strongly reflected exposure.
Standard clear "UV Blocking" safety glasses offer little or no protection. Use appropriate approved eyewear.**

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Assembled in USA

