



Regulated Ultraviolet Rechargeable Lantern featuring high-flux LED Technology



APPLICATIONS:

- Inspection, laboratory, scientific, law enforcement where cordless high UV power is required.
- Arson investigation.
- Scorpion hunting.
- Education in schools.
- Carpet cleaning services (pet stains visible in less than ideal lighting conditions).



High flux xLamp emitters (seven total).

FEATURES:

- Reliable regulated solid-state UV emission from seven high-flux UV emitters.
- *New!* 390-395nm peak emission, >2200mW total emission power.
- Dual-Drive current regulated circuitry maintains constant UV output until low battery indication.
- Rechargeable sealed lead acid battery.
- AC rechargeable standard; universal smart-charger optional.
- 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.
- **Most powerful solid-state UV flashlight in the world!**



Upper toilet seat, missed by cleaning crew.



PART NUMBER

XeLED-Cr7UV-R3-390-K

XeLED-Cr7UV-R3-390-EURO-K

DESCRIPTION

390nm Ultraviolet Rechargeable Lantern with seven UV high-flux emitters. Kit includes plastic carrying case and yellow wraparound viewing glasses. European version — kit adds universal smart charger option.

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

(512) 917-4538 / FAX (512) 372-3483



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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.



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Scorpion viewed normally (left), and under 395nm illumination (right)



INSTRUCTIONS FOR STANDARD CHARGER:

- This unit is provided with a built-in 120 volt AC charger—use suitable UL listed household-type extension cord.
- Charge for 12-14 hours prior to initial use.
- Red LED on rear indicates charging.
- Do not charge the battery for more than 24 hours.
- If unit is not used for two months, typically 4 hours of charging will be required.

INSTRUCTIONS FOR SMART CHARGER:

- This option is the three-stage smart Sealed Lead Acid charger.
- Smart charger accepts universal 90-250VAC input voltage.
- Plug barrel connector into bottom of flashlight.
- Red LED on charger indicates high current charge.
- Green LED on charger indicates charge complete (low current trickle and top-off).
- Red LED on lantern handle does not light with smart charger model.
- Full charge from smart charger is less than 4 hours.
- Smart charger can be left connected to lantern to maintain good battery condition.
- If unit is not used for two months, typically 1 hour of charging will be required.



Universal 100-250VAC three-stage smart charging kit available — must be purchased with lantern so lantern can be equipped with charging port.



**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

