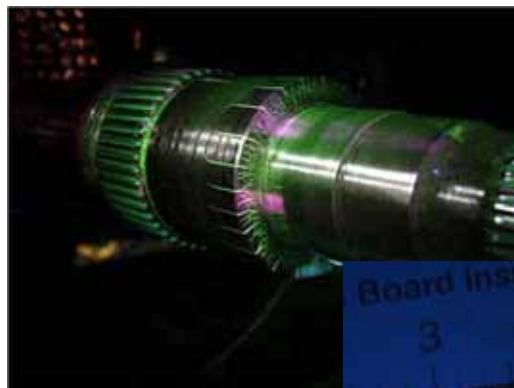




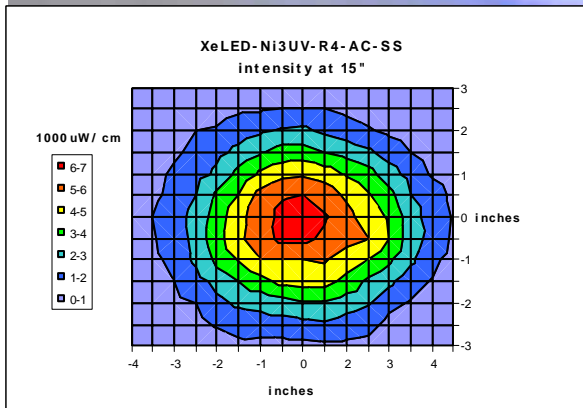
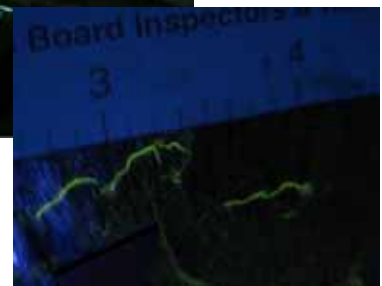
High-flux 365nm Ultraviolet LED Inspection Light Fixture

FEATURES:

- New! AC-powered 365nm LED light fixture.
- Voltage range 90-265Vac — works in USA and Europe.
- True blacklight Alternate Light Source (no filter needed).
- Nichia high flux emitter with special lenses (not reflectors!).
- Output power density $>5000\mu\text{W}/\text{cm}^2$ at 15" (38cm).
- Instant startup; instant re-start.
- Beam diameter is 6x8" (at 15" working distance).
- Current-regulated drive circuit maximizes output performance.
- Air-cooled; no fan required.
- LWD 4.50" x 3.375" x 3.375"
- LED Lifetime 10,000 hours.
- Beam angle 10 degrees with no hot-spots or rings.
- Output power 3*325mW at 365nm peak.
- Shows dust and contaminants unlike any other light this size!
- Unbeatable for currency and document examination.
- 8' power cord; pushbutton power switch on rear of unit.
- **NOTE: Available with smooth 30 degree beam for forensic photography.**



NDT inspection images from customers.



PART NUMBER
XeLED-Ni3UV-R4-365-AC-SS
XeLED-Ni3UV-R4-365-AC-M

DESCRIPTION
365nm LED fixture for NDI/NDT (spot beam)
365nm LED fixture for Forensics (medium beam)

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

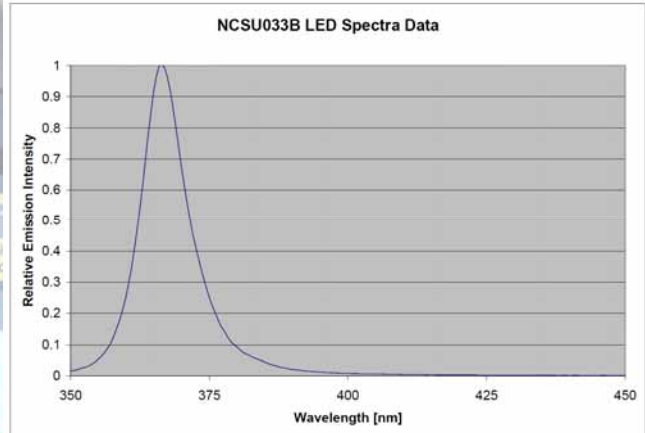
Assembled in Texas 



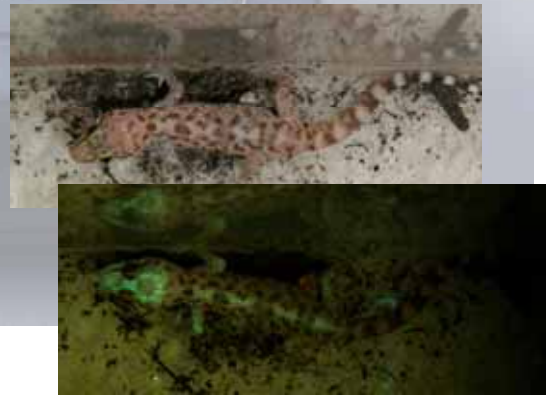
High-flux 365nm Ultraviolet LED Inspection Light Fixture



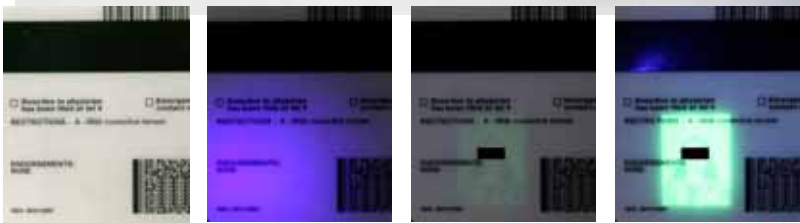
Handprint on wall under normal light (upper) and 365nm+some ambient (lower). Handprint is not treated with any enhancing chemical; fluorescing substance likely organic in origin. The 365nm light can be used at a crime scene to localize where print lifting efforts could be exercised. Photograph taken with no filter. Removal of ambient light significantly enhances observed fluorescence.



Spectra shows true 365nm UVA emission!



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



License security feature. In order: Normal light; competitor's "UV" light; competitor's "385nm UV light"; and finally the Ni1UV 365nm light. (Ni1UV light source at 12 inches from subject.). UV images at same exposure, no filter used.

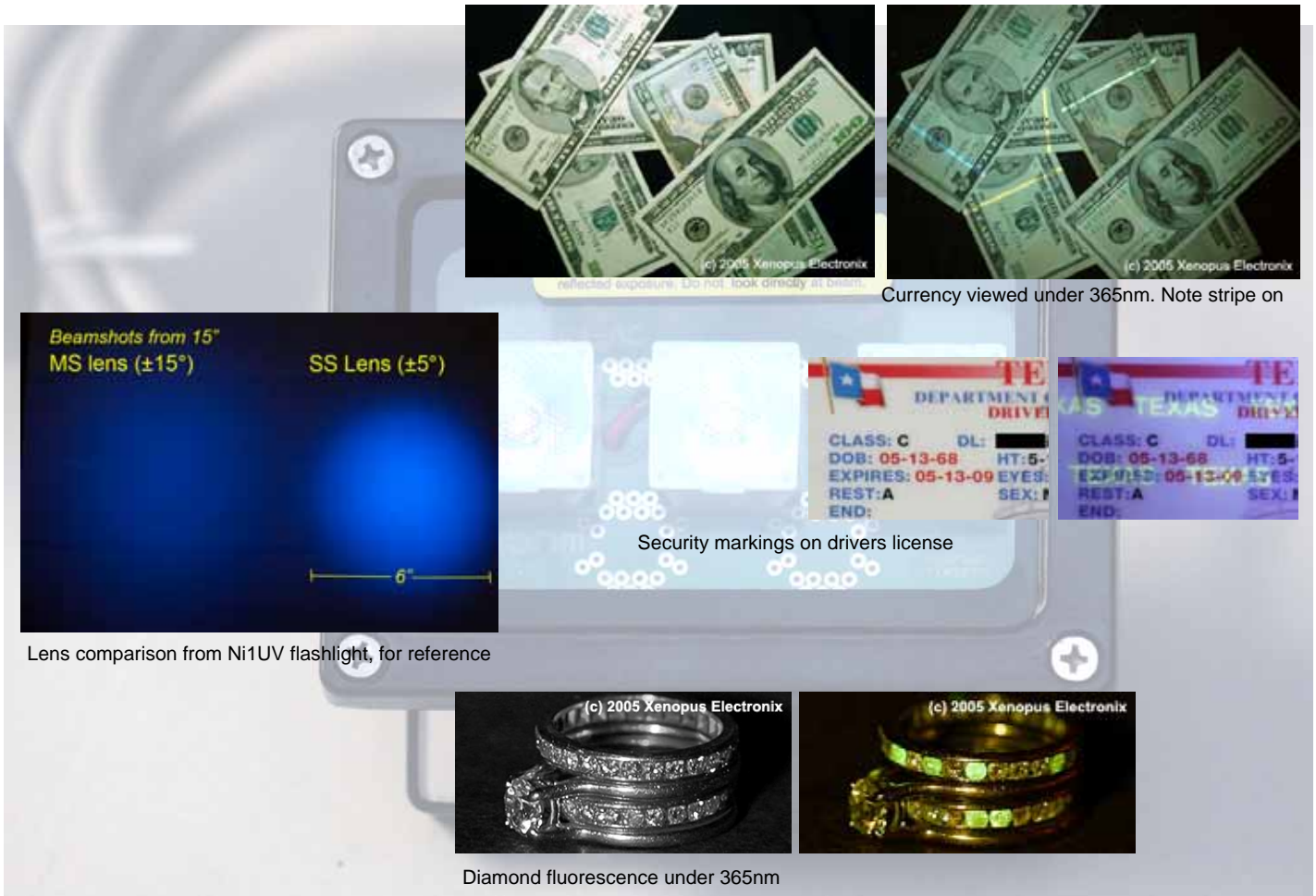
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**CAUTION: Device emits intense UV radiation:
 Do not look directly at beam.**



High-flux 365nm Ultraviolet LED Inspection Light Fixture



Currency viewed under 365nm. Note stripe on

Security markings on drivers license

Lens comparison from Ni1UV flashlight, for reference

Diamond fluorescence under 365nm

- INSTRUCTIONS FOR USE:**
- Attach to suitable overhead surface.
 - Disconnect power when installing fixture.
 - Use caution to avoid direct exposure to eye.
 - Yellow or clear (appropriate UV blocking eg. NoIR brand) glasses can be used.
 - Not a toy — keep out of reach of children!

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