

"Most of LED Black lights' UV intensity are less than 10,000uW/cm<sup>2</sup>. But UV-300 make the miracle, please believe your eyes, the UV intensity is more than 26,500uW/cm<sup>2</sup>."



- Super Strong UV Intensity > 26,500uW/cm<sup>2</sup>
- Work Continuously, No Heat, Life Time > 30,000 Hours
- Optional Li battery is available, For 3 hours working
- Global First – Special Optically PMMA Lens, Resistance to fall off



آقای بازرس

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### Why we do not need an Wood Glass UV filter?

The UV LEDs we adopt is high quality that produce the optimum 365nm±10nm wavelength (narrow-band), no UV-B and UV-C, very low visible light emission, so there is no technical reason for a Wood's Glass filter.

To Military or Aerospace industry which is very sensitive to visible light, you can choose PURE-365 UV filter, remove 99% visible light.

### Specifications:

Power Supply: 115-240 VAC / 50-60 Hz (Universal)  
 Weight: 1.5 pounds (0.7Kg)  
 Dimensions: 8.6"×9.4"×4.3" (220×240×110mm L×W×H)

### Standard package includes:

Black Light, UV absorbing spectacles, Carrying Case, Power Supply, 2.5m Cord to connect the light to the power supply

### Optional Spare parts:

PURE-365 Wood glass UV Filter  
 High performance Li battery  
 Aluminium Lamp Holder  
 Aluminium Carry Case  
 Government Institute Wavelength Report(English),



Special Optically PMMA Lens

- Powerful Nichia UV LEDs applied (365nm, pure UV-A)
- UV Intensity at 15 inches (38 cm) > 26,500 μw/cm<sup>2</sup>
- Diameter UV coverage area at 15 inches (38 cm) 5.5"(140mm)
- Low visible light emission – less than 2 foot-candles (22 lux)
- Supplied with a Certificate of Conformance for both wavelengths and output measurements. They meet ASTM UV-A intensity and LED wavelength specifications for FPI and MPI.
- Water and dust proof, 2.5m soft power cord exactly suit to any poor working conditions
- UV absorbing spectacles and robust carrying case included.
- CE Approved

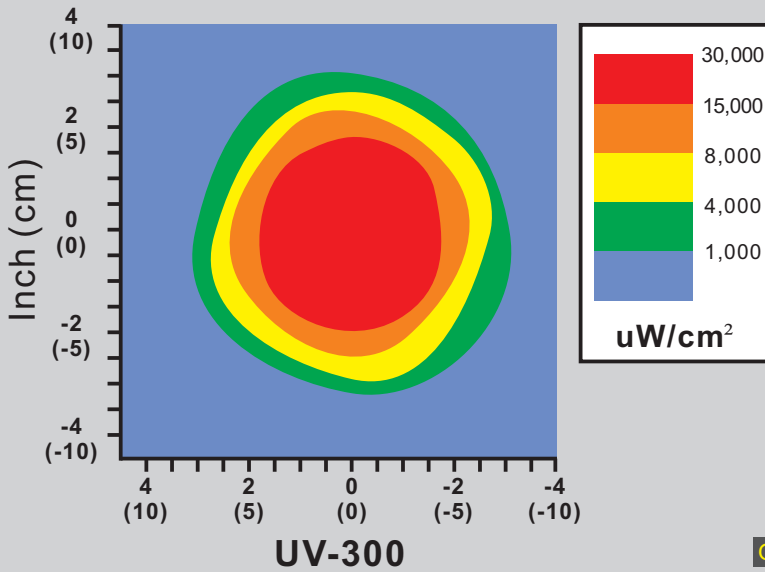
Developed by:



[www.Lcndt.net](http://www.Lcndt.net)

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## UV-A Beam Distribution



- Standard Parts:**
1. UV LED Lamp
  2. Power(110-240Vac)
  3. UV spectacles
  4. Power cable 2.5m
  5. Soft Carrying bag
  6. Manual and report(English)

Optional Parts

## Certification (Sample)

**LCNDT**® *We can do better* www.lcndt.net ISO9001 Registered

**PRODUCT CERTIFICATE**

PRODUCT: LED Black light  
 MODEL: UV-300  
 SERIAL NO.: 100021  
 MEASUREMENT BASED ON: ASTM E1417M-11/ASTM E1444M-11  
 MEASUREMENT RESULT: QC Passed

**Testing Report:**

The following data were obtained by using UV & Visible Light Meter TN-365 & YOKOGAWA at 15"(38cm) away from UV lights.

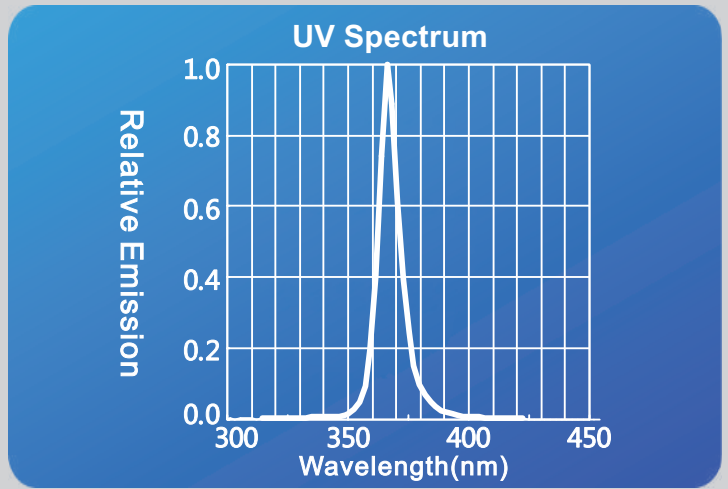
Maximum UV-A intensity @365nm : 26,500 uW/cm<sup>2</sup>  
 Maximum Visible light @555nm : 15 Lux

**If White LED light enabled:**  
 Maximum Visible light @555nm : 3080 Lux

**UV-A Spectrum:**

INSPECTOR: INSPECTOR 3  
 MANAGER: INSPECTOR 1  
 Date of Measurement: 2014.1.13

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