

Portable LED Black Lights

UV-100/200 (Dual UV & White LED)



**“ Robust, High UV-A , Economical
The Best Substitution of Traditional Lamps**

- Super Strong UV Intensity, No Warm Time
- Work Continuously, No Heat, Life Time > 30,000 Hours
- Optional Li battery is available, For 8 hours working
- Global First – Special Optically PMMA Lens, Resistance to fall off

- Powerful UV LEDs applied (365nm, Pure UV-A)
- UV Intensity at 15 inches (38 cm):
— 8,200 uW/cm² / 12,000 uW/cm²
- Diameter UV coverage area at 15 inches (38 cm):
— 6.3”(160mm) / 7.2”(182mm)
- Low visible light emission < 20 Lux
- Supplied with a Certificate.
- They meet ASTM for FPI and MPI.
- Water proof, 2.5m robust but soft power cord
- 2 Years Warranty, CE Approved

Specifications:

Power Supply: 115-240 VAC / 50-60 Hz (Universal)
Weight: 1.5 pounds (0.7Kg)
Dimensions: 8.6”x9.4” x4.3”(220x240x110mm LxWxH)

Standard package includes:

Black Light, UV absorbing spectacles,
Power Supply, 2.5m Cord, Carrying Bag

Optional Spare parts:

PURE-365 Wood glass UV Filter
High performance Li battery
Aluminium Lamp Holder
Aluminium Carry Case

Government Institute Wavelength Report(English),



Powerful Nichia UV LEDs



Traditional
Quartz lens

Special
Optically PMMA Lens

Why we do not need an Wood Glass UV filter?

The UV LEDs we adopt are high quality that produce the UV 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 glass filter.

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

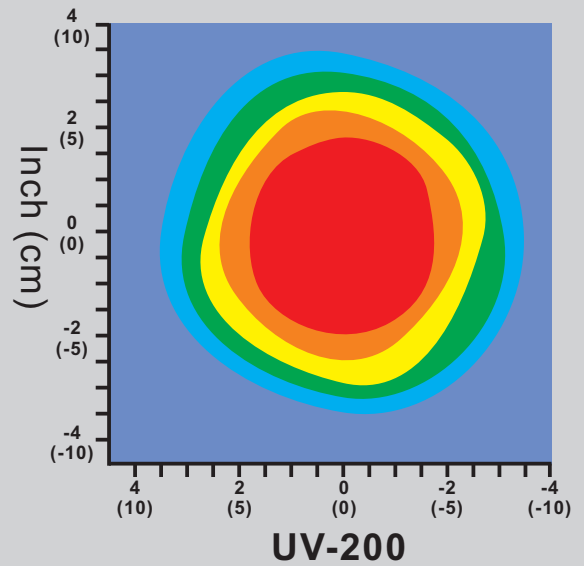
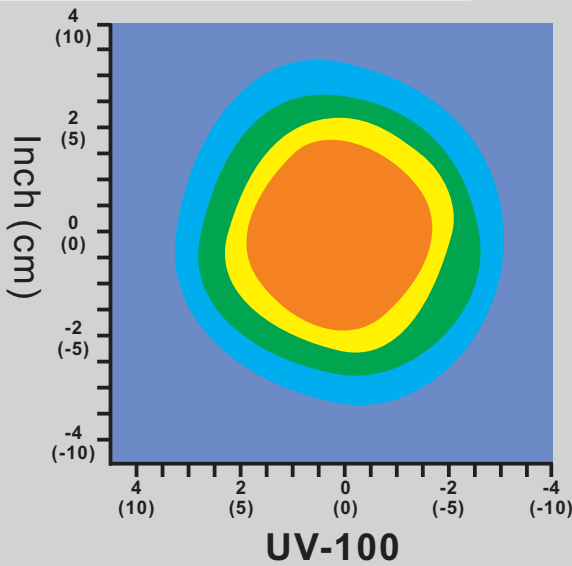
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Developed by:

LCNDT®

UV-A Beam Distribution



Certification (Sample)

PRODUCT CERTIFICATE

PRODUCT	LED Black light
MODEL	UV-100
SERIAL NO.	100004
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.

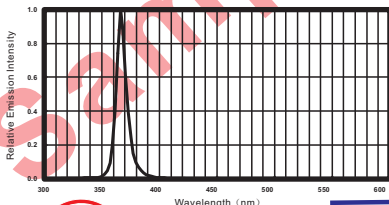
Maximum UV-A intensity @365nm : 8,254 $\mu\text{w}/\text{cm}^2$

Maximum Visible light @555nm : 15 Lux

If White LED light enabled:

Maximum Visible light @555nm : 3080 Lux

UV-A Spectrum:



Effective Seal

INSPECTOR 3

MANAGER

INSPECTOR 1

Date of Measurement: 2014.1.13

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