

Portable LED UV Light (Internal Battery)

UV-100B(Dual UV & White LED)

"No need of AC Power

6 hours continually working with Battery

- 5,000 $\mu\text{W}/\text{cm}^2$ at distance of 15 Inches(38cm)
- Low battery indicator. Quick Charger: 50 minutes
- No Heat, No Warm Time, Life Time > 30,000 Hours
- Rugged Optical Lens, Resistance to fall off
- Only 0.9 Kg, convenient to use



- Powerful UV LEDs applied (365nm, Pure UV-A)
 - UV Intensity at 15 inches (38 cm):
— 5,000 $\mu\text{W}/\text{cm}^2$
 - Diameter UV coverage area at 15 inches (38 cm):
— 6.3"(160mm)
 - Low visible light emission < 20 Lux
 - Supplied with a Certificate.
 - They meet ASTM for FPI and MPI.
- Water proof

Specifications:

Charger: 115-240 VAC / 50-60 Hz (Universal)

Weight: 2 pounds (0.9Kg)

Dimensions: 8.6"x9.4" x4.3"(220x240x110mm LxWxH)

Standard package includes:

Black Light, UV absorbing spectacles,
Charger with 2.5m cable, Carrying Bag

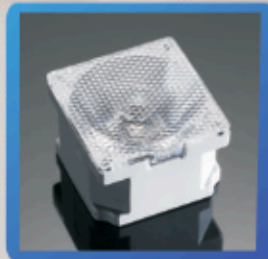
Optional Spare parts:

PURE-365 Wood glass UV Filter

Aluminium Lamp Holder

Aluminium Carry Case

Government Institute Wavelength Report(English)



Powerful Nichia UV LEDs



Traditional
Quartz lens

Special
Optically PMMA Lens



UV/White LED Switch
Low battery indicator(Red Light)

Charging Plug
Also can work with AC power

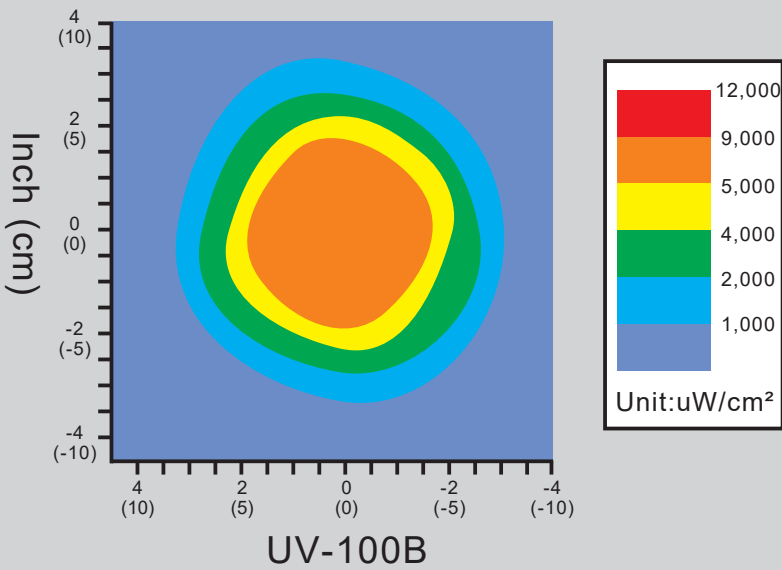
www.Lcndt.net



Developed by:



UV-A Beam Distribution

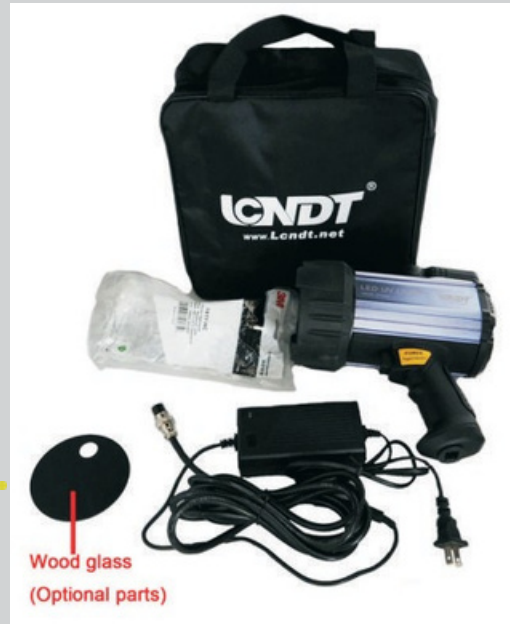


Standard Parts:

1. UV LED Lamp
2. Charger (110-240Vac) with 2.5m cable
Charge Time: 50 minutes
3. UV spectacles
4. Soft Carrying bag
5. Manual and report (English)

Optional Spare parts:

1. PURE-365 Wood glass
2. Aluminium Lamp Holder
3. Aluminium Carry Case
4. Government Institute Wavelength Report (English)



Certification (Sample)

LCNDT
www.lcndt.net

We can do better

ISO 9001
QC

ISO9001 Registered

PRODUCT CERTIFICATE

PRODUCT	LED Black light
MODEL	UV-100B
SERIAL NO.	100110
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 : 4,800 $\mu\text{W}/\text{cm}^2$

Maximum Visible light @555nm : 1,500 $\mu\text{W}/\text{cm}^2$

If White LED light enabled:

Maximum Visible light @555nm : 3,350 $\mu\text{W}/\text{cm}^2$

UV-A Spectrum:

Inspector: INSPECTOR 3

Manager: INSPECTOR 1

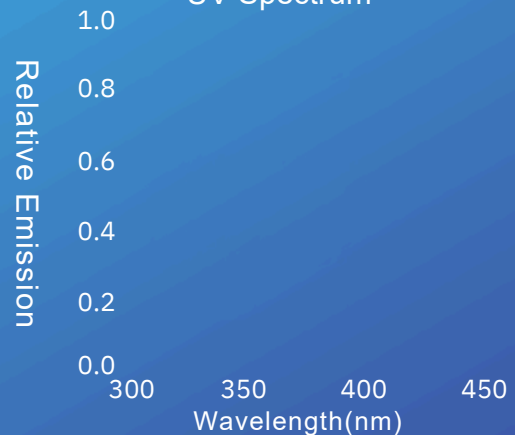
Date of Measurement: 2015.1.09

Lu Cheng NDT Equipment Corp.

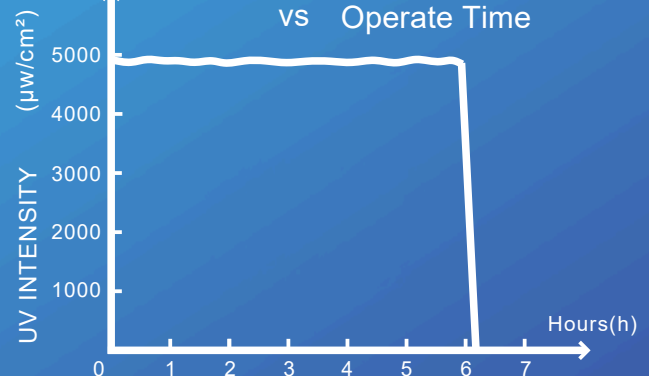
E-mail: Sales@Lcndt.net (For sales) gm@Lcndt.net (For service)

Http://www.Lcndt.net

UV Spectrum



UV Intensity vs Operate Time



Battery Protection have been used,
Voltage <9V, Lamp will shut down

Developed by:

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EQUIPAMENTOS PARA ENSAIOS E INSPEÇÃO

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