

## TANK007 UV-C31 USB Rechargeable 365nm 5W Flashlight

<https://www.tank007.com/product/tank007-uv-c31-uv-flashlight-uses-original-nichia-uv-led-from-japa/>



### [Features]

1. Tank007 UV-C31 UV flashlight uses original Nichia UV LED from Japan, with pure ultraviolet light, 20,000 hours lifetime, powered by 1\*18650 Li-ion battery, portable and convenient to use.
2. Intensity:  $>72000\mu\text{W}/\text{cm}^2$  at 15cm distance,  $>30000\mu\text{W}/\text{cm}^2$  at 38cm distance
3. Wavelength peak: 365nm
4. Cold lighting source, polyreaction, no high-temperature effect.
5. Rechargeable Li-ion battery as power source, can last at least 3 hours.
6. Do not need to warm up, instantly to use when it lights up. .
7. Designed with specially-made dark filter lens can effectively filter visual light to reduce the interrupt from the latter.
8. Support DC 5V direct charge, Type C interface the charging port, support positive and negative insertion, effectively prevent users from inserting the wrong direction

9. With 3-colors indicator: red light during charging, green light in full charging, blue light in regular working, effectively indicating each state.

10. Common applications:

- Detect leaks in special gas pipes, oil pipes, air conditioners, circulation system in automobiles, etc.

Can detect fluorescence penetration, fluorescent powder in industrial equipment

- Can stimulate the fluorescent reaction of grease and other materials of the similar kind to detect the oil stains and blots.

- Can check how clean the pharmaceutical equipment is with riboflavin

- Can detect the clues in the criminal scene, including marks, bloodstain, semen, fingerprint, hair, etc. UV light can make the sexual liquid reflect fluorescence as well as make the discolored bruises to reappear, and show the fingerprint.

- Can detect chemical combustible materials in fire scene. In the ultraviolet radiation, the chemical combustible material drops on the walls, furniture and the ground on can easily be found

- Can identify A, B, C emeralds, ivory & bones, wolf teeth, ancient paintings, books, porcelain, etc.

- Curing glue/inks/adhesives, etc

- Identify various anti-counterfeit labels and documents, banknotes, invoices, ID cards, passports, credit cards, etc.

- Can used for fluorescent reaction in special materials, biological research, hunting treasure, looking for special minerals and so on

Etc

## **TECHNICAL PARAMETERS:**

### **□ LED SPECIFICATIONS:**

Brand & Model: Japan Nichia 365nm

LED Lifespan: above 20,000 hours

UV Intensity: >72000 $\mu$ W/cm<sup>2</sup> at 15cm distance, >30000 $\mu$ W/cm<sup>2</sup> at 38cm distance

### **□ CIRCUIT SPECIFICATIONS:**

Input Voltage: 3.0-4.5V

Output Level: one modes (Always highlight)

Charging port: USB Type-C port

### **(3) BATTERY SPECIFICATIONS:**

Power Source: 1\*18650 battery

Burn Time: high light- 3 hours

### **(4) PHYSICAL SPECIFICATIONS:**

Size (cm): 15.9 (length)\* 2.6 (body diameter)\*4.0(head diameter)

Weight (g): 194 (excluding batteries)

Switch: End click switch

Material: made of durable aircraft-grade aluminum T6061

Reflector: High temperature vacuum coated aluminum mirror reflector

Lens: specialized black lens filter for UV light

Treatment: premium Type III hard-anodized anti-abrasive finish

Waterproof: IPX-7

Anti dropping height: 1.5 m

Color: black housing, with purple ring on the head

**ACCESSORIES:**

Accessories: Pocket clip, Lanyard,

Voluntary purchase accessories: Type C USB cable, 50170# holster, Tank007 18650 li-ion battery, UV protective glasses