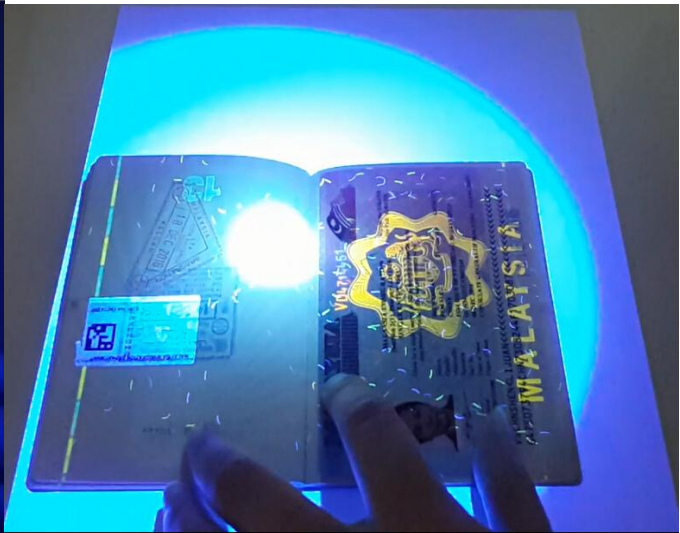


TANK007 UV31

365nm-5W UV Flashlight

<http://www.tank007.com/product/high-power-rechargeable-uv-flashlight-uv31-v2/>



Features:

Tank007 U31 UV flashlight model is a small sized, lightweight, UV-A LED flashlight designed for quick inspections and “hard-to-reach” spots.

1. It adopts original imported UV LED from Japan Nichia brand, with pure ultraviolet light, 20,000 hours lifetime, powered by 1*18650 Li-ion rechargeable battery, compact and easy use.
2. With the help of specially-designed visible light blocking filter for pure UV light, effectively blocks most of the visible spectrum to reduce the interrupt for detection.
3. Instant-on operation. Click the tail button and the lamp immediately reaches full power ready for use. No need to warm up, instantly to use when it lights up. The on/off button is positioned in the back of the lamp to prevent accidental activation.
4. Constructed of precision machined high strength aircraft aluminum alloy T6061 cases. Its maximum corrosion resistance and durability makes it very suitable for police, security, professional emergency services, law enforcement officials, crime laboratories, forensic professionals all over the world.
5. Premium Type III hard-anodized aluminum lamp body minimizes corrosion and makes it anti-scratch.

6. UV light Intensity:

20,000 μ W/cm² at 38cm height/distance, 60,000 μ W/cm² at 38cm height/distance

7. Wavelength peak: 365nm
8. Cold lighting source, polyreaction, no high-temperature effect.
9. Rechargeable Li-ion battery as power source, at full charge the battery can last at least 3.5 hours for continuous inspection between charges.

10. Common applications of Tank007 UV31 365nm-5W model

- (1) Can detect leaks in special gas pipes, oil pipes, air conditioners, circulation system in automobiles, etc.
 - (2) Can detect fluorescence penetration, fluorescent powder in industrial equipment
 - (3) Can stimulate the fluorescent reaction of grease and other materials of the similar kind to detect the oil stains and blots.
 - (4) Can check how clean the pharmaceutical equipment is with riboflavin
 - (5) 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.
 - (6) 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
 - (7) Can identify A, B, C emeralds, ivory & bones, wolf teeth, ancient paintings, books, porcelain, etc.
 - (8) Can rapidly cure glue, inks, adhesives, coatings, etc
 - (9) Identify various anti-counterfeit labels, documents, banknotes, invoices, ID cards, passports, credit cards, etc.
 - (10) Can used for fluorescent reaction in special materials, biological research, hunting treasure, looking for special minerals and so on
- Etc etc etc

TECHNICAL PARAMETERS:

(1) LED SPECIFICATIONS:

Brand & Model: Japan Nichia UV LED chip 365nm 5w

LED Lifespan: above 20,000 hours

UV Intensity: 20000 μ W/cm² (at 38cm distance) , 55000 μ W/cm² (at 15cm distance)

(2) CIRCUIT SPECIFICATIONS:

Input Voltage: 3.0-4.5V

Output Level: one mode (Always light)

Chip characteristics: Constant current circuit chip

(3) BATTERY SPECIFICATIONS:

Power Source: 1*18650 battery

Burn Time: high light- 5 hours

(3) PHYSICAL SPECIFICATIONS:

Size (cm): 14.6 (length)* 2.55 (body diameter)*4.0(head diameter)

Weight (g): 142 (excluding batteries)

Switch: End click switch

Material: made of durable aircraft-grade aluminum T6061

Reflector: High temperature vacuum coated aluminum mirror reflector

Lens: Special dark lens

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

Waterproof: IPX-8

Anti dropping height: 1.5 m

ACCESSORIES:

Battery: Tank007 high capacity 2600mAh 18650 Li-ion battery (designed with protection board)

Charger: single channel 100-240 VAC charger for use from electrical outlet

UV protective goggles: black color and yellow color for options

Holster: Tank007 50170# nylon holster

Goggles bag, Belt clip, O-ring

PACKAGING: Portable aluminum case

