

Technical Specification

DOCULAMP 365

The DOCULAMP 365 is a UV torch at 365 nm with homogenous illumination. The specialized professional projector type combined optical lens enables it to achieve uniform projection and ultra-wide lighting range, without any interference of stray light. The electronic control ensures constant brightness, without flicker.



Lens: Professional optical projector system +

LED specification

- People's Republic of China original imported high power 365nm UV LED
- UV light intensity: 10000 μ W/cm² at 15cm distance; 1470 μ W/cm² at 38cm distance
- Homogenous illumination for optimal visualization
- Daylight filter (specialized UV blacklight filter)
- Light uniformity: around 80%
- Light beam diameter:

7 cm at 15 cm distance
18 cm at 35 cm distance
48 cm at 1 m distance
97 cm at 2 m distance
235 cm at 5 m distance

Circuit specification

- Input voltage: 2.8 - 4.2 V
- Control mode: One mode, when the UV light is active the green light on the torch is on
- Circuit characteristic: Constant chip/ constant brightness/ No flicker/ Anti-reverse connection

Battery specification

- Power source : 1x18650 Li-ion battery
- Lasting time: 2 hours + (depending on intensity of use)
- Charging method: USB Type-C
- Not chargeable with super-chargers
- When the battery is running low, the small LED next to the charging port turns red



Physical specification

- Size: \varnothing 33 mm (head diameter) * \varnothing 25 mm (body diameter) * 159 mm (length)
- Weight: 140 g (excluding battery)
- Switch: One button at the back of the torch
- Material: Durable aircraft grade aluminum alloy T6061
- Lens: Professional optical projector system+ specialized UV blacklight filter
- Waterproof: IPX8
- Drop-proof: 1,5 m
- Color: Black

Included in the DOCULAMP 365 Set

- DOCULAMP 365
- Nylon bag with Velcro flap and Velcro on the back to mount to a belt (compatible with the MOLLE system)
- Hand strap
- USB Type-C charging cable

