

Technical Specification: Doculamp 365 DUO-S



Features:

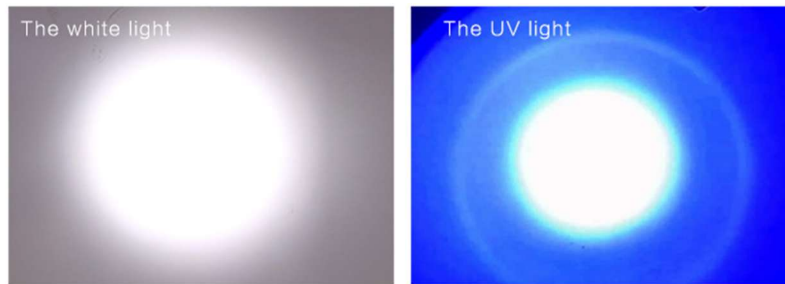
1. **Dual function:** portable illumination and fluorescence detection with zoom function.
2. **Compact:** Small size with metal pocket clip, easy to carry.
3. **Power source:** Powered by a 1.5V AA battery or NI-MH battery.

Areas of application:

- Detection of counterfeits and banknotes
- Detection of fluorescent substances in clothing and goods
- Detection of fluorescent reflections from special materials

Technical specifications:

1. **LED specifications:**
 - **White light:** high-power 3W LED
 - Service life: over 50,000 hours
 - Maximum brightness: 160 lumens
 - Maximum beam distance: 130 m
 - **UV LED:** High-power 1W UV LED
 - Wavelength: 365 nm
 - Service life: 10,000 hours
 - UV light intensity: 3700 $\mu\text{W}/\text{cm}^2$ (at 38 cm), 22000 $\mu\text{W}/\text{cm}^2$ (at 15 cm)



2. Circuit specifications:

- Input voltage: 0.8-3.0 V
- Modes: Two modes (white light and UV LED)
- Circuit: constant current chip, stable brightness

3. Battery specifications:

- Power source: 1*AA alkaline or NI-MH battery (Note: DO NOT use a Li-ion battery)
- Burning time: 0.7 hours

4. Physical specifications:

- Size (cm): 10.6 (length) * 20.9 (body diameter) * 24.3 (head diameter)
- Weight (g): 63 (without battery)
- Switch: End cap switch
- Material: Aluminum T6061
- Lens: Optical convex lens
- Treatment: Anodized treatment
- Waterproof: IPX-7
- Fall resistance: 1.5 m
- Color: Black

Accessories:

- Standard accessories: pocket clip, O-ring
- Optional accessories: UV safety goggles, battery