

# UV-A 365 Torch Light

## UV-A 365 LED Rechargeable Torch Light

The UV-A 365 Torch Light features a UV-A generated beam that has a customized optical focus and provides maximum irradiation area from a portable torchlight. Designed for non-destructive testing application like fluorescent penetrant testing and fluorescent magnetic particle inspection.



### BENEFITS

#### Clearer UV-A Light:

The UV-A Torch Light features a defined light color and is equipped with a tempered black filter lens, effectively reducing white light for clearer inspection results.

#### Professional 365nm Torch Light:

Emitting a UV-A wavelength of 365nm, this torch is ideal for detecting fluorescent agents with precision.

#### High-Quality Design:

Constructed from high-grade aluminum for superior durability and heat dissipation, the torch also includes a convenient on-board USB Type-C charging port.

#### Lightweight & Portable:

Compact yet powerful, the UV-A LED Torch Light is designed for ease of use across various environments and applications.

### PRODUCT PROPERTIES

<b>Battery capacity</b>	3.7 V, 8.5 Wh, 2300m Ah
<b>Wavelength of UV radiation</b>	365 nm
<b>Max. UV intensity*</b>	6,000 $\mu\text{W}/\text{cm}^2$
<b>Run time</b>	8 hours
<b>Number of reachable batteries contained</b>	1
<b>Type of reachable battery</b>	Lithium-ion
<b>Power supply</b>	Reachable battery
<b>Overall torch length</b>	125 mm
<b>Torch head</b>	25 mm
<b>UV-A coverage diameter* at min. 1500 <math>\mu\text{W}/\text{cm}^2</math></b>	3 in (7.62 cm)
<b>Visible light measurement</b>	< 1 Foot Candle (11 lux)

\* At 15 in / 38 cm

NOTE: When the power is below 2000–1500 microwatts capacity for 5 minutes, the indicator light turns red and the torchlight will automatically switch off.

**FEATURES**

- Long lasting battery with one shift of run time
- Equipped with auto shut-off to ensure intensity remains above minimum output (unregulated UV intensity )
- Waterproof and dustproof ruggedized aluminum metal housing
- ASTM E3022 compliant and meets specifications

**SPECIFICATIONS**

- IP65
- ASTM E3022

**USE RECOMMENDATIONS**

<b>NDT Method</b>	Fluorescent Penetrant Testing and Mag Particle Inspection
<b>Recommended Accessories</b>	UVM3059 Digital Light Meter Visible Light Meter UV Absorbing Safety Glasses

**PART NUMBER**

631942

UV-A 365 Torch Light Kit:

- UV-365 LED Torch Light
- one battery
- USB type C charging cable
- UV-LED torch pouch
- carrying case
- user manual