

UV-A Torch

Rechargeable UV-A 365 LED Torchlight

The new version of the Rechargeable UV-A LED Torch light—features with UV-A light generated by a single high-performance UV-A LED with a customized optical focus, providing the maximum possible irradiation area from a portable torchlight.

It comes equipped with a UV-A pass filter, which minimizes visible light and intensifies UV light, making it easier to detect indications in dark and difficult-to-access environments.

Its lightweight design, long battery life, and optical characteristics ensure excellent usability in confined spaces, while its machined aluminium body guarantees durability and resistance for field tests and harsh environments.

The rechargeable battery provides up to 8 hours of uninterrupted operation, allowing a full day of inspections without the need to recharge.

Each unit includes a pair of spare rechargeable batteries, along with a certificate of testing and compliance with the ASTM E3022 standard. It also meets ASTM E3024, ASTM E1444, and ASTM E709 specifications for use in fluorescent magnetic particle inspections & liquid penetrant testing

BENEFITS

Excellent Beam and Light Intensity – Even though in a torch light

- **High-Performance UV-A LED:** Features a single LED with exceptionally high UV-A light intensity, a peak wavelength of 365 nm (free from UV-B and UV-C emissions), and a lifespan of 25,000 hours, ensuring precision in inspections and excellent cost efficiency.
- **Instant Full Intensity:** The lamp reaches full intensity immediately upon activation, speeding up analysis and enhancing fieldwork efficiency.
- **UV-A Pass Filter:** The integrated visible light filter minimizes white light interference and enhances UV light intensity, making inspections more accurate and reliable.



Lightweight, Ergonomic, and Safe – Ideal for Inspections in Confined Spaces

- **Durable and Waterproof:** Constructed from machined, surface-anodized reinforced aluminium, providing corrosion resistance and waterproof protection.
- **Compact and Portable:** Weighing approximately 120 grams and measuring 12.5 cm in length, it is designed for use in hard-to-reach areas.
- **Ergonomic Trigger Mechanism:** Built into the side of the flashlight body for easy one-handed operation. The design also prevents accidental activation, reducing downtime.

FEATURES

- **UV-A LED circuit:** Constant current control LED driver
- **Polished aluminum reflector**
- **Intensity:** > 5,560 μ W/cm² at 381 mm (15 inches) from UV-A sensor
- **Battery Certification:** CE-Approved battery
- **Battery life:** Up to 8 hours
- **Estimated time for full charge:**
 - External charger - Approximately 3 hours
 - USB-C cable - Approximately 6 hours
- **Charger capacity:** Supports simultaneous charging of two 18650 batteries

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PRODUCT PROPERTIES

END method	Magnetic Particle & Fluorescent Liquid Penetrant Testing
Light sources	UV-A LED
light filter	UV-A Pass
Wavelength peak	365nm +/-5%
UV light coverage*	Ø90mm
LED lifespan	25,000 Hours
Working Distance	381mm
Stabilization time	Instantly
Luminaire charger cable length	1m
Weight, charger power	290g
Battery	3.7 Vdc - 2300mAh Lithium-Ion Rechargeable Battery
Charger supply voltage	100-240V Ac 50/60Hz
Charger consumption	0.25A - 8W

* A 38 cm

PRODUCT CODE

F05125

Magnaflux A Division of ITW INDIA PRIVATE LIMITED,
Plot No: 51, 52, 207 & 208, Phase – 2,
IDA, TSIC, Pashamylaram, Medak Dist.-502307,
Telangana State, India

Tel: +91 8455 224710 Fax: +91 8455 224709
Email:
magnafluxinfo@magnafluxindia.com
www.in.magnaflux.com

