

UV-LED miniSPOT

Portable handheld UV-LED Lamp

The UV-LED miniSpot is a cost-efficient and long-lasting lamp, with exceptional bulb life and low power consumption compared with traditional UV black lights.

You can count on the miniSPOT to maximise your magnetic particle and liquid penetrant inspection process, both on the floor and in the field.



FEATURES

- Compact and lightweight
- Cordless
- Rugged aluminium casing
- Even illumination area
- Separate UV and white light LEDs facilitate both UV and visible light inspection.
- Rechargeable via the mains (supplied with battery pack and charger) or using a power bank (optional).

USER RECOMMENDATIONS

NDT Method	Fluorescent Penetrant Testing and Fluorescent Magnetic Particle Inspection
Accessories	Power Bank (003B015 / 121206) Power Bank Charger (039B003 / 121207) Power Bank Connecting Cable (001C170 / 121208) UVe-Lux Dual Function Meter (017B012) UV-absorbing spectacles (017G001)

PRODUCT PROPERTIES

Peak wavelength	365 nm \pm 5nm
Full width at half maximum (FWHM)	< 15 nm
UV-A intensity (at specified distances)	12,000 μ W/cm ² at 100 mm 4,500 μ W/cm ² at 200 mm 1,500 μ W/cm ² at 380 mm 1,300 μ W/cm ² at 400 mm
White light intensity (at specified distances)	10,000 Lux at 200 mm 6000 Lux at 300 mm
Minimum working distance	10 cm
Illumination area (at specified distances)	80 mm dia. at 100 mm 150 mm dia. at 200 mm 250 mm dia. at 380 mm 280 mm dia. at 400 mm
Risk class (EM6)	2
IP class	IP 65
Number of LEDs	1 UV LED, 1 white-light LED
UV pass filter	Yes
Battery type	2 Li-Ion accumulators
Battery voltage (nominal)	2.4 V
Battery operating time (approx.)	2.5 hours with power bank: 8 hours
Weight	600 g

PART NUMBER

032B041 / 121202