

CrackCheck-Torch UV LED Torch/flashlight

UV LED /PureUV-A / 365nm/50000hrs/ Rechargeable/small-sized



INTRODUCTION

CrackCheck-Torch Series NDT inspection lamps are small-sized, lightweight torches based on UV LED technology. The torches feature a powerful UV-A (365 nm) LED light source coupled with a rugged anodized lamp body. The light weight and compact size makes it extremely easy for the user to operate and carry around. The on/off button is positioned at the back of the lamp to prevent accidental activation. Equipped with a constant current driver which keeps the UV Intensity constant even though the battery fades. Two batteries are supplied to ensure that does not affect the use of lamp when recharged.

The lamps are available in two different beams which include spotlight and floodlight versions, each with or without a black light filter. The spotlight version makes it possible to conduct inspections in daylight.



FEATURES

- 100% solid state circuit ensures working properly in strong magnetic field
- Safe and pure UV-A content with no UV-B and UV-C
- Instant maximum output without pre-heating
- Rugged, extremely light, and powered by one rechargeable lithium-ion battery with an extra battery included with the lamp
- Anodized aluminum lamp body minimizes corrosion and stands up to years of heavy use
- The lamps offer a spotlight of $12,000 \mu\text{W}/\text{cm}^2$ and a floodlight of $4,000 \mu\text{W}/\text{cm}^2$ at 15 inches (38 cm), and almost no visible light.
- All models come with a certificate of compliance for both output and wavelength measurements



TECHNICAL SPECIFICATIONS

Model	UV-A intensity at 15 inches (38cm)
CrackCheck-Torch 12000	Spotlight: $12,000 \mu\text{W}/\text{cm}^2$
CrackCheck-Torch 4000	Floodlight: $4,000 \mu\text{W}/\text{cm}^2$
Light Source:	a powerful UV-A LED
Wavelength:	365-370nm
Visible light:	< 1 foot-candles(10 lux)
Expected lifespan:	50,000 hours
Dimensions:	4cm(diameter), 15cm(length)
Wight:	400g(including battery)
Battery:	3.7V, Lithium-Ion
Running time:	approx 2 hrs
Charging time:	approx 4 hrs
Power:	3W
Charger:	AC 100V-240V 50/60HZ
ISO9001 compliant, meets ASTM UV-A intensity and wavelength specifications for FPI and MPI.	