

CrackCheck-Sirius Handheld NDT Lamp

UV LED /PureUV-A /365nm/50000hrs/ Bigbeam/multifunction



INTRODUCTION

CrackCheck-Sirius series handheld NDT inspection lamps are portable lamps based on UV LED technology. The lamps feature 4 powerful UV-A (365 nm) LEDs plus a convenient white light LED to quickly switch between fluorescent inspection and flaw location. Every handheld NDT lamp is strictly tested by our senior engineers to ensure that the spectrum strictly focuses on 365-370nm. Their broad-beam configuration produce an extremely wide coverage area, making them ideal for both handheld and in-line applications. The lamps are famous for their super high intensity, ergonomic design, compact size and light weight .and they are widely used in NDT testing.

Available in two models to meet your specific inspection requirements which include high-intensity and standard-intensity versions, each with or without a black light filter.



FEATURES

- 100% solid state circuit ensures working properly in strong magnetic field
- Switch function between UV light and White light
- Safe and pure UV-A content with no UV-B and UV-C
- Extremely large coverage area of up to 6 inches (15 cm), with a minimum UV-A intensity of $2,000 \mu\text{W}/\text{cm}^2$
- Unique mechanical cooling system keeps LEDs cool to maintain optimum light output during extended use
- Rugged, modular construction allows for easy field serviceability.
- High-intensity model : UV-A intensity range: $6,000\text{--}9,000 \mu\text{W}/\text{cm}^2$ (adjustable on electric board)
- Standard-intensity model: UV-A intensity of $4,500 \mu\text{W}/\text{cm}^2$ at 15 inches (38 cm), and almost no visible light
- Compliant with conformation to EMC and IEC810. CE certification and FCC certification.



• with filter

TECHNICAL SPECIFICATIONS

Model	UV-A intensity at 15 inches (38cm)
CrackCheck-Sirius 4500	standard-intensity of $4,500 \mu\text{W}/\text{cm}^2$
CrackCheck-Sirius 6000	high-intensity range: $6,000\text{--}9,000 \mu\text{W}/\text{cm}^2$
Light Source:	4 UV LEDs, a White Light LED.
Wavelength:	365-370nm
Visible light:	< 1 foot-candles(10 lux)
Expected lifespan:	50,000 hours
Dimensions:	240*145*120mm
Weight:	1.09kg
Power supply:	AC 100-240V 50/60HZ
Working voltage:	DC 12V
Power:	UV-A LEDs: 12W, White Light LED:3W
Start-up time:	Instant-on operation with immediate full power
ISO9001 compliant, meet ASTM UV-A intensity and wavelength specifications for FPI and MPI	