

# Sirius Series

## Handheld LED UV Lamp

SI-45A Conformance

ASTM E3022

ISO3059

RRES 90061

NADCAP

AITM6-1001

SI-60 Conformance

ASTM E2297

ASTM E3022

ASTM E1444

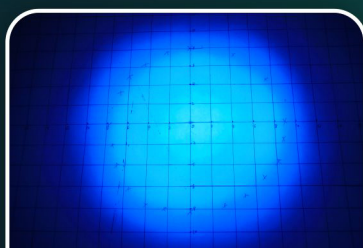
ASTM E1417

ISO 3059

***Big and Uniform Beam Pattern***  
***Industrial Standard Protection***  
***100% Conformance to International Standards***

CrackCheck Sirius Series Handheld LED UV lamp utilizes the state-of-art LED technology, which makes it a great tool for fluorescent MT, PT and leak detection. Two models are available: SI-60 (CrackCheck-6000) for general industry and SI-45A for aerospace. Both models consist of four UV LEDs and a white LED.

Made of aviation grade aluminum alloy, Sirius will endure the harshest working conditions. Sirius highlights its rugged design, excellent cooling ability, waterproof and dustproof performance.



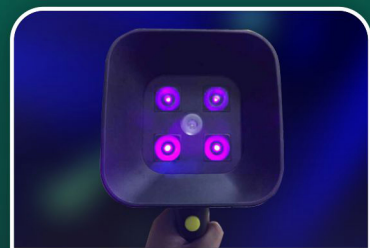
### Super-large Irradiance

- Uniform beam pattern
- Wide coverage



### Sturdy and Durable

- Shock-resistant
- Waterproof and dustproof
- Oil resistant bumper



### White Light and UV Light

- Black light 365nm
- White light
- Black and white light simultaneously



UV and  
White Light



Large  
Irradiation



Safety  
Spectrum



Excellent  
Cooling Ability



High  
Intensity



Economical



**CHIINDT**



Shanghai CHIINDT Systems and Services Co., Ltd. **ISO9001** **CE** **FC** **RoHS**

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## About Sirius

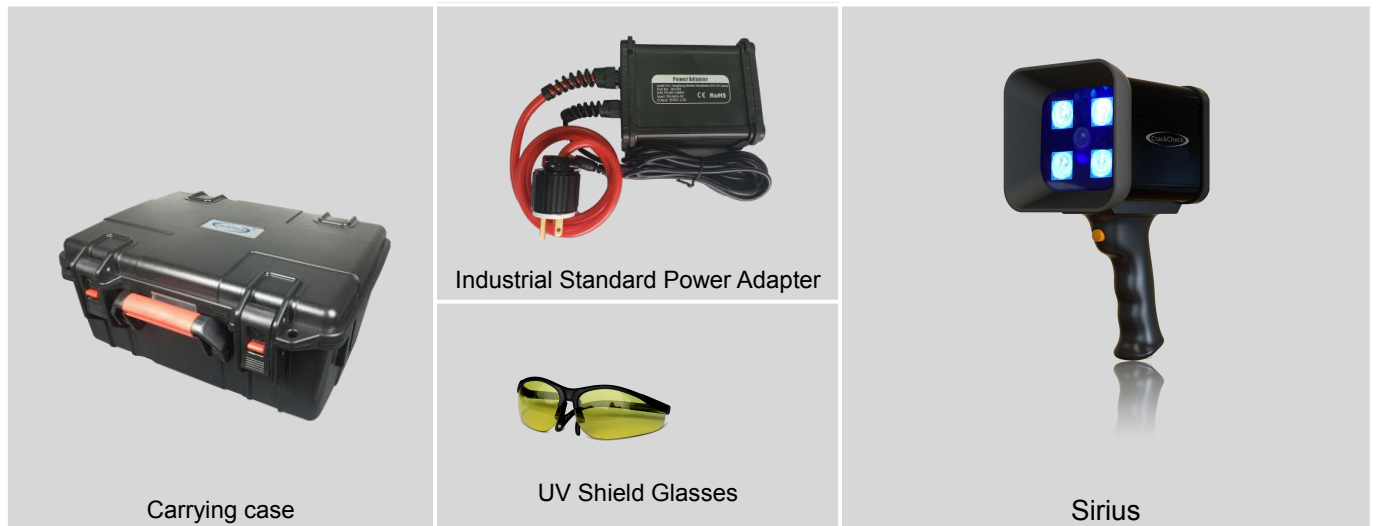
Sirius series handheld LED UV NDT inspection lamp utilizes the state-of-art LED technology and makes it a great tool for fluorescent MT, PT and leak detection. Two versions are available: standard version(SI-60) and Aerospace version(SI-45A). Both versions consist of 4 UV LEDs and 1 white LED. The smooth and large beam of this handheld uv lamp make it a useful tool for any inspection,either on the field or on a bench.



## Sirius Features

- 100% solid state circuit ensures working properly in strong magnetic field
- Switch function between UV light and White light, and the white light switch on together with the UV light when press the yellow inching button .
- Safe and pure UV-A content with no UV-B and UV-C,almost no visible light.
- Unique mechanical cooling system keeps LEDs cool to maintain optimum light output during extended use
- Choice of one high-intensity model(Sirius-60) with an UV-A intensity of 6,000  $\mu$  W/cm<sup>2</sup> or Sirius-45A(for aerospace) with an UV-A intensity of 4,500  $\mu$  W/cm<sup>2</sup> at 15 inches (38 cm),and almost no visible light..
- Compliant with conformation to EMC and IEC810. CE certification and FCC certification. Compliant with ASTM E1417,ASTM E1444, ASTM E3022,etc.
- First choice for fluorescent inspection,leaking test ,biological polymerization, Oil detection and curing testing.'

## A Complete Sirius Package



## Sirius Data Sheet

Item	Standard version	Aerospace version
Model	SI-60	SI-45A
Part Number	600001	600002
LED Source	4 UV-LEDs, 1 white light LED	
Wavelength	Certified 365-370nm	
UVA Intensity at 15"(380mm)	~ 6,000 uw/cm <sup>2</sup>	~ 4,500 uw/cm <sup>2</sup>
Coverage Area at 15"(380mm)	> 1000uw/cm <sup>2</sup> : ~Φ 230mm	
Compliance	ASTM E 3022, ISO 3059, ASTM E1444, ASTM E1417	ASTM E 3022, ISO 3059, RRES 90061, NADCAP, AITM6-1001
UVB /UVC	0	
Visible Light	< 5Lux (0.5 ft-candle)	
Dimension	145mm*240mm*120mm	
Weight	1.09kg	
Operating Voltage	12 VDC	
Power Supply	100-240 VAC, 50/60Hz	
Power	UV-A LED 12W, White light LED 3W	



## Sirius Mounting Methods



Mounting on a steel rod



Mounting with spring balance and hook



Mounting with CHiNDT FlexArm

## Sirius Certification



## Sirius Accessories & Protection



UV shield glasses



UV shield mask



UV shield gloves



UV shield clothes



White and UV meter