

IRIS

Portable LED UV Inspection Lamp





The Iris series of portable LED UV inspection lamps feature 3 powerful UVA (365 nm) LEDs, plus a convenient white light LED to switch between fluorescent inspection and flaw location quickly. The smooth, large beam of this hand-held UV lamp makes it a useful tool whether in the field or on a bench. The laser pointer makes it possible to pinpoint the crack location on big parts, identifying locations amongst operators. All lamps are equipped with UVA filters.

The Iris model has adjustable light intensity, temperature monitoring and are housed in a rugged enclosure, powered by either mains or battery. A 100% solid state circuit ensures working properly in strong magnetic field.

The standard model **IRIS-S** is compliant with ASTM E2297, E3022, E1444, E1417 and ISO 3059. The aerospace model, **IRIS 4500**, is compliant with the above and meets Rolls Royce RRES 90061 and Airbus AITM6-1001.

Iris kit package includes: Iris lamp, Carry Case, Battery Charger, re-chargeable batteries & screwdriver (for battery version), industrial power adapter for mains version.



Pole mount option



Hook option



Tripod/Flex-arm mount option

	IRIS-S (Standard)	IRIS 4500 (Aerospace)
LED	3 UV-LEDs, 1 white light LED	
UVA Intensity at 380mm (15")	2,500-4,000uw/cm2 5 adjustable levels	Fixed
Coverage Area at 380mm (15")	>1000uw/cm2 250 x 250mm - UV level 3	>1000uw/cm2 Φ 160mm at UV level 3
Compliance	ASTM E 3022, ISO 3059	ASTM E 3022, ISO 3059, RRES 90061, RR90001, NADCAP, AITM6-1001
UVB/UVC	0	
Visible Light	< 5Lux (0.5 ft-candle)	
Peak Bandwidth	FWHM:9nm \pm 1nm	
Weight	Without batteries: 550g (1.2 lbs) With batteries: 650g (1.5lbs)	
Dimensions	82mm x 118mm x 216mm	
Operating Voltage	12VDC	
Battery	100-240 VAC, 50/60Hz 2 x 3.7V lithium batteries (Type 18650)	
Running Time	Approx 2 hours	
Battery Life	1000 charging cycles	
Operating Temperature	5-45°C (41-113°F)	
Storage Temperature	5-45°C (41-113°F)	
Humidity during operation	Maximum 90% relative humidity (Non-condensing)	
Air humidity, storage	Maximum 90% relative humidity (Non-condensing)	

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