

100%

CONFORM

ISO 3059
ASTM E3022-15
RRES90061
AITM6-1001-12
NADCAP

CERTIFICATE OF
CONFORMITY



WITH
EACH LAMP



S-LED

UV LED LAMP



WARRANTY

2
YEARS

IP68



Different versions of the S-LED projector have been developed either on batteries or sector. 1 version is conform to every aerospace requirement (**ASTM E3022-15 / NADCAP / AITM6-1001 / RRES90061**), 1 version without filter for the other NDT applications, including leak detection with fluorescent tracer.

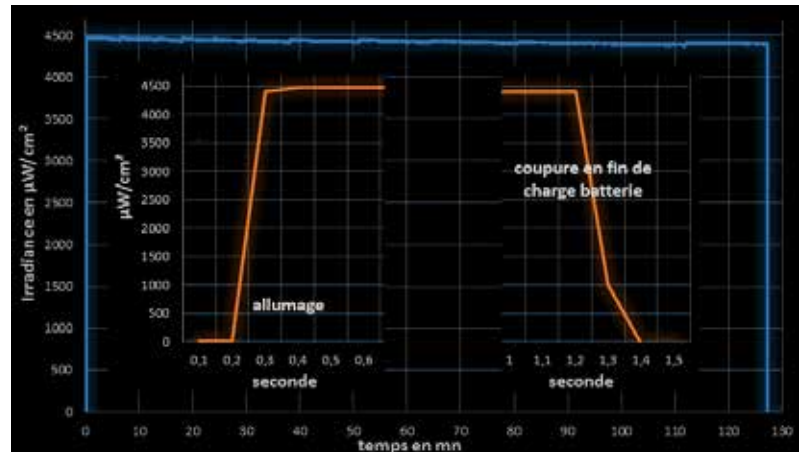
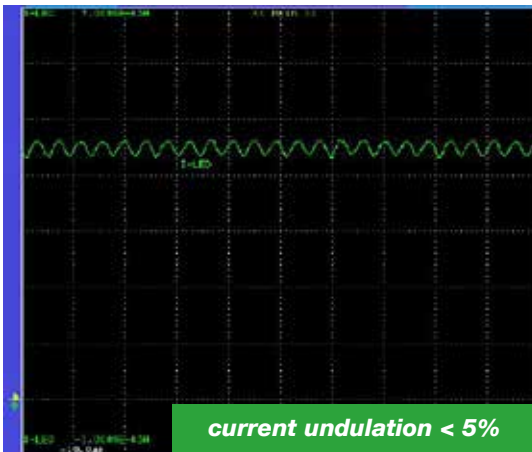


Properties	S-LED sector		S-LED sector / battery **		SPOT LED
	S-LED S45	S-LED S65	S-LED B45	S-LED B65	
Wavelength 365 nm ± 5 nm	✓	✓	✓	✓	✓
Irradiance (µW/cm² - 381 mm)	4000 µW/cm²	6000 µW/cm²	4000 µW/cm²	6000 µW/cm²	4000 µW/cm²
Visible Emission < 5 lux	✓	✓	✓	✓	✓
White Light > 1100 lux	✓	✓	✓	✓	✓
White Light	4000 K	4000 K	4000 K	4000 K	4000 K
4 UV-A Leds + 2 whites LED	✓	✓	✓	✓	✓
Filter (no reflexion)	✓		✓		✓
Waterproof	IP68	IP68	IP68	IP68	IP68
Weight	600 g		800 gr		
baterry life (>2 heures)			✓	✓	
Size	120 x 200 x Ø 100 mm				
Lamp cord Lenght 5 m*	✓	✓	✓	✓	✓
Conformity ISO 3059	✓	✓	✓	✓	✓
Conformity ASTM E3022-15 / ISO 3059 / NADCAP AITM6-1001-12 / RRES90061	✓		✓		✓
UV-A Leds + White LED simultaneous	✓	✓	✓	✓	
Timed fonctioning	✓	✓	✓	✓	permanent

* other lenght on request -- **Warranty 6 months --

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NADCAP - AIRBUS AIM6-1001 Issue 12 - ASTM E-3022-15 - Pratt Whitney
FPM Master - EN ISO 3059:2013-03 - ROLLS-ROYCE RRES 90061



ADVANTAGES



- undulation of the LED's current is less than 5% and assimilated to a continuous current, which is requested by ASTM and AIMT.
- Advantage : No stroboscopic effect so better durability of the LEDs.
- Control of the irradiance power:
 - Irradiance stability shortly after turning it on (<3%)
 - Fitting of the power supply according to the LED's temperature
 - No loss of power when using the battery
 - Permanent control of the current intensity with lights for defectsts
- Waterproof according to IP68, resilient to petroleum products, grease remover, passivation.
- Insensitive to electromagnetic fields of an Magnetic Particle Inspection bench (whatever the current form) or demagnetizer
- Reliable and strong design, raw material and components coming from the industry.
- You can have both UV light and white light switched on at the same time to remove any doubt
- Timed functioning:
 - Increases the life span of the lamp
 - First push : 5mn
 - Second push : 100mn
 - After the functioning light switches off, if you wait more than 3 seconds and do a pressure the lamp switches off.
- Pressure switch supporting 50 million pushes
- No risk of switching the white light instead of UV thanks to the remoteness of the switches from one another
- No functioning light while inspecting to avoid confusing the operator's vision
- Cooling down by natural convection
- A microprocessor manages the lamp and the battery
- Cable is resilient to chemicals
- Still working at 100% of its capacity at 30 degrees. Made to be used up to 50 degrees.
- Automatically switches off when high temperatures are detected to protect itself and the operator
- Option : Supply of the values

A wide range of accessories (belt, extension cable, reloading stand, external battery, articulated arm, suitcase, universal fastening kit, and adaptor for camera) allows for filling any needs while making the control easier and improving the operator's comfort.



BELT

Discreet and light adjustable belt for more comfort. You can firmly attach the battery model without any fall risk thanks to the security system. It gives the operator the possibility to move freely.



STAND

You can put and recharge the battery by connecting the lamp to the base of the power cabled stand. When empty the recharge time is 4 hours.



SUIT CASE

Solid and light, you can put the lamp inside for secured transportation



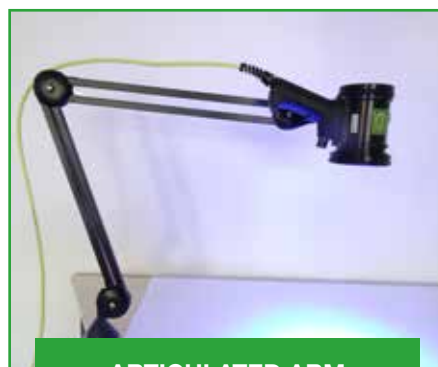
EXTERNAL BATTERY

Ultra-flat and light, it gives the lamp more autonomy, up to 8 hours in continuous supply



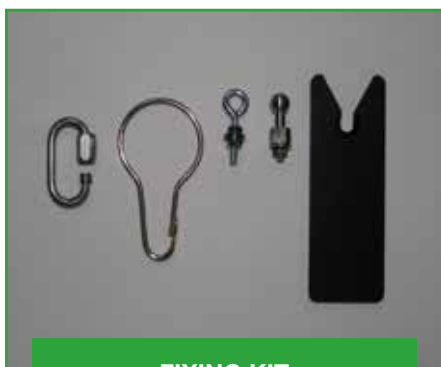
AEROSOL SUPPORT

Light and spray with one hand ! Easy fastening and unfastening



ARTICULATED ARM

You can maintain the lamp in a fixed position. Quick fastening and unfastening



FIXING KIT

You do not know where to put your lamp ? We have the solution for hanging and fixing it so it is close to hand



SPOT LED

Lamp without handle on articulated arm. Performance is identical to S-LED lamps. No timed functioning



TORCH TF365

UV LED flashlight, conform to ISO 3059. for Penetrant Testing, Magnetic Particle Inspection or Leak Detection.



ELN 3061EB

UV-A tubes for Penetrant Testing and Magnetic Particle Inspection - Waterproof - Ideal for the rinse tank in penetrant testing.
3 UV-A tubes + 1 White Light tube - Length 600mm



ELN 5061B

UV-A tubes for Penetrant Testing and Magnetic Particle Inspection -
5 UV-A tubes + 1 White Light tube - Length 600mm



ELN 5161B

UV-A tubes for Penetrant Testing and Magnetic Particle Inspection -
5 UV-A tubes + 1 White Light tube - Length 1200mm