

UVEE™ White Intelligent Lamp

The Uvee™ White Light is the world's first intelligently controlled, hand-held UV Lamp for fluorescent non-destructive testing applications such as fluorescent penetrant testing and fluorescent magnetic particle inspections. It combines both UV and white light in the same device.

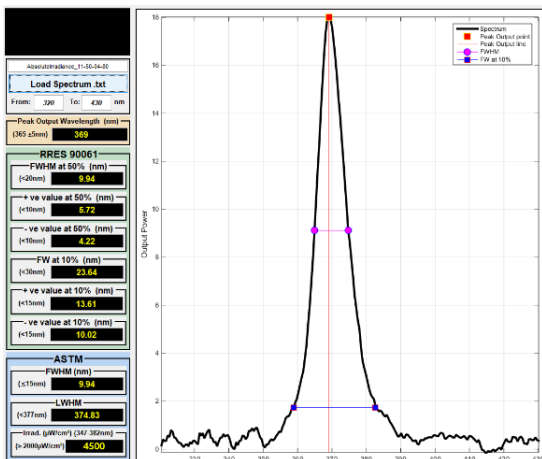


Total compliance with:

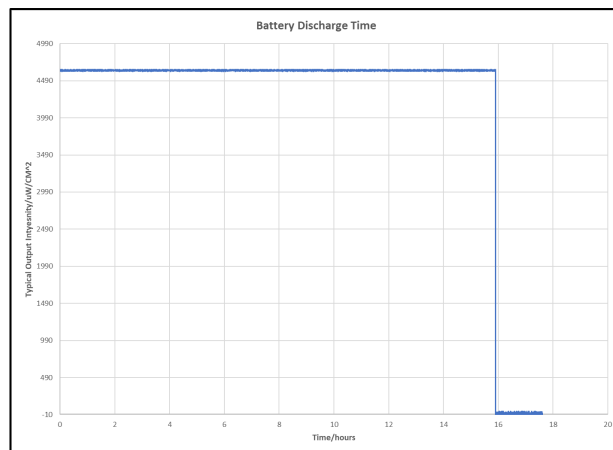
- Rolls Royce RRES90061
- Airbus AIM6-1001
- ASTM E3022

The Uvee™ White has an ITECP Embedded Controller Processing unit. The ITECP provides the following benefits: -

- Far tighter control of luminous power outputs
- Optimised battery management provides the longest operating time.
- UV output remains at the required level by compensating for temperature of the LEDs.



Extremely tight spectral range



Extreme UV Stability 18hr run time.

Product Specifications

Beam	Uniform, wide field beam with toggleable white light.
Beam Diameter > 1000 $\mu\text{W}/\text{cm}^2$ @38cm	16cm (14cm White).
FWHM	< 15nm
Irradiance	Typical irradiance of 4,500 $\mu\text{W}/\text{cm}^2$
Wavelength	UV-A, peak at 365+ 5nm
Visible Light	Less than 10 lux@ 38 cm
Start-Up Time	Full output power < 10 Sec
Power	Battery or mains
Continuous Runtime	16 Hrs
Operation	Lamp can be used while the battery is charging
Charging Time	Approx. 3 Hrs
Low Battery Indicator	At 15% (approx. 160 mins remaining)
Working Temperature	0° - 45° C (32° - 113°F)
Dimensions	80 x 170 x 190mm (3.2" x 6.7" x 7.5")
Weight (Inc. Batteries)	650g (1.4lb)
Mounting	Tripod mount 1/4, 20 TPI thread
Warranty	2 Years (excl. Consumables)
Certifications	<ul style="list-style-type: none"> • Rolls Royce RRES90061 • Airbus AITM6-1001 • ASTM E3022



100% Designed and Built in the UK