

UVEE™ Beam™ Intelligent Lamp

The Uvee™ Beam 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.

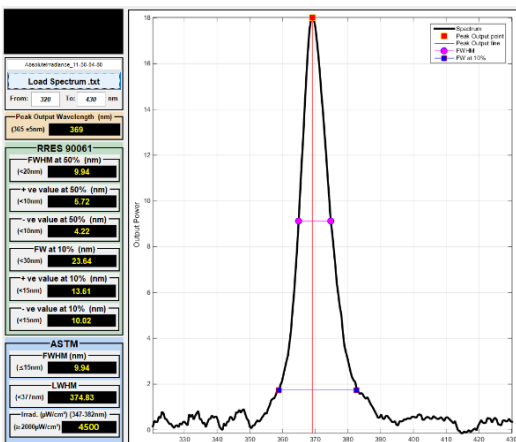


Total compliance with: -

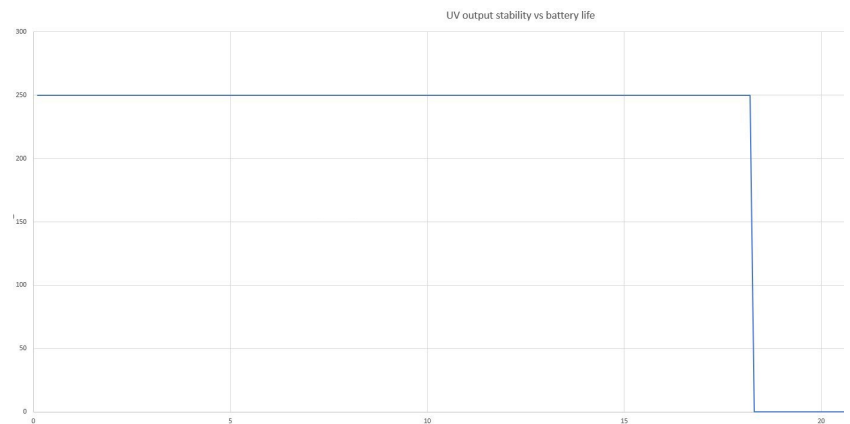
- Rolls Royce RRES90061
- Airbus AITM6-1001
- ASTM E3022

The Uvee™ Beam 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.



Tight spectral range



Extreme UV Stability

Product Specifications

Beam	Uniform, wide field beam
Beam Diameter > 1000 $\mu\text{W}/\text{cm}^2$ @38cm	16cm
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	18 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