



Supplied By

UVVE™ White Intelligent Lamp

The UVVE White combines both UV and white light in the same device, it is the world's first Intelligently controlled portable, hand-held UV Lamp for fluorescent non-destructive testing applications like fluorescent penetrant testing and fluorescent magnetic particle inspections.

Total compliance with:

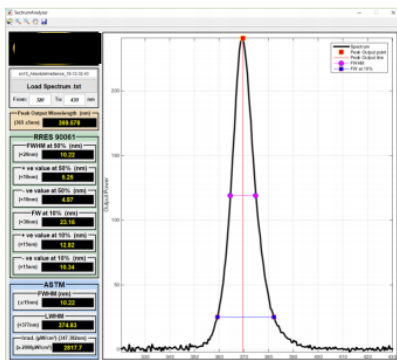
- Rolls Royce RRES90061
- Airbus AIM6-1001
- ASTM E3022



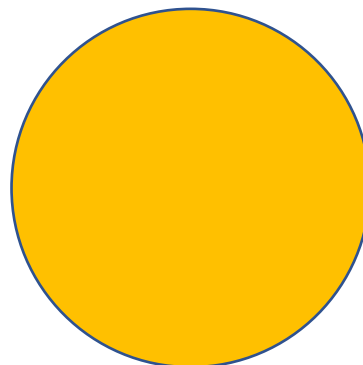
All our Lamps have the **ITECP** Embedded Controller Processing unit. The ITECP provides the following benefits:

- Far tighter control of luminous power outputs
- Optimised battery management provides the longest operating time
- Guarantees that UV output remains at the required level by compensating for temperature of the LEDs
- Full power in less than 3s!

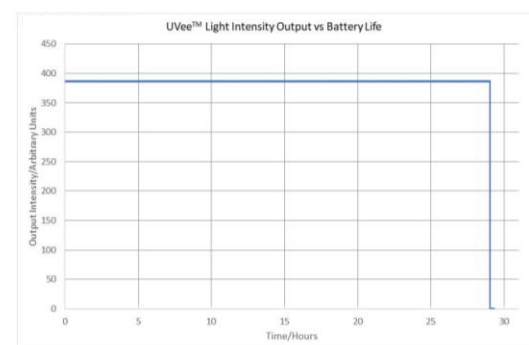
Every unit is supplied with a manufacturer's certificate of conformance for use with fluorescent liquid penetrant and magnetic particle testing.



Extremely tight spectral range



Extremely uniform, wide field beam



Extremely UV Stability
27 Hrs runtime



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Features

Benefits

| | |
|--|---|
| Battery Operated | No cables, no trip hazards, can be used in the field. |
| Optionally powered from mains cable | Can be permanently mounted |
| ITECP Controller | |
| <ul style="list-style-type: none"> Temperature compensation | Guarantees that UV output remains at the required level |
| <ul style="list-style-type: none"> Intelligent output control | Maintains control of luminous power |
| <ul style="list-style-type: none"> Intelligent Power up | Ready to use in less than 3s |
| <ul style="list-style-type: none"> Charge optimization | Fully charged in 3hrs <ul style="list-style-type: none"> Can still be used whilst charging |
| Wide Beam | Reduces inspection time |
| <ul style="list-style-type: none"> Reduced inspection time | <ul style="list-style-type: none"> Reduces operational costs |
| Light weight | Reduces operator fatigue |

Product Specifications

| | |
|-------------------------|--|
| Intensity | Typical irradiance of 3000 μ W/cm ² |
| Wavelength | UV-A, peak at 365+ 5nm |
| Visible Light | Less than 10 lux@ 38 cm |
| Start-Up Time | Full output power < 3 Sec |
| Power | Battery or mains |
| Continuous Runtime | 27 Hrs |
| Charging Time | Approx. 3 Hrs |
| Low Battery Indicator | At 15% (approx. 70 mins remaining) |
| Working Temperature | 0° - 45° C (32° - 113°F) |
| Dimensions | 80 x 200 x 190mm (3.2" x 7.9" x 7.5") |
| Weight (Inc. Batteries) | 600g (1.3lb) |
| Mounting | Tripod mount 1/4, 20 TPI |
| Certifications | <ul style="list-style-type: none"> Rolls Royce RRES90061 Airbus AITM6-1001 ASTM E3022 |
| Warranty | 10 Years (excl. Consumables) |