TESTED TO COMPLY WITH BOTH

ASTM E3022-15 Standard | **Rolls-Royce RRES 90061** Requirements | **MEETS EN ISO:3059** Specifications

SPECTROLINE® NDT

uVision™ 365 DELUXE SERIES

MOBILE MODEL NiHM Also Available

Compliant, IP Rated, Fanless LED UV-A Lamps

UV-365SBLC + **UV-365**MSBLC

- Fully compliant to **ASTM E3022-15** and **Rolls-Royce 90061**
- Fanless design maintains optimum lamp temperature using state-of-the-art heat sinks
- For use in NDT applications including aerospace
- Thermal cut-off circuitry prevents lamp from going out of compliance when internal temperature exceeds specifications
- Highest quality optics for superior light output

Compliant | **IP65 RATED** | **Dust Tight & Water Resistant** | **Fanless & Cool Running** | **Lightweight & Rugged**

3 UV-A LEDS
For wide area of coverage

Faceplate with INTEGRAL UV-A PASS FILTERS
Reduces visible wavelengths

ADJUSTABLE WHITE LIGHT LED
Use to locate surface flaws

LONG-LASTING UV-A LENSES
Reduce the rate of solarization

SEALED CONTROL SWITCH
Grip-mounted, three-way rocker switch (white light/off/UV)

PISTOL GRIP
Comfortable, balanced control

POWER/BATTERY LIFE LIGHT
Indicates power level

BACK VIEW

WIDE, EVEN BEAM PROFILE

CERTIFICATE OF CONFORMANCE & VALIDATION REPORT
included with each lamp

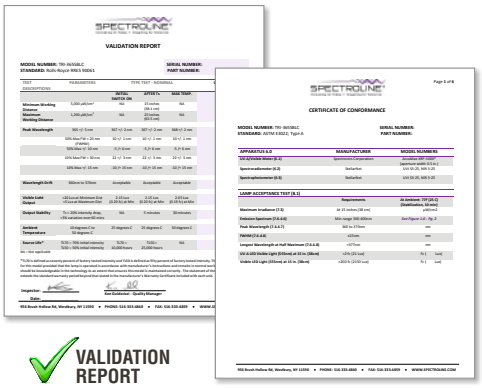
uVision™ 365 DELUXE SERIES UV-365SBLC

MODEL	NOMINAL STEADY-STATE UV-A (365 nm) INTENSITY at 15 in (38 cm) ①	VISIBLE LIGHT MEASUREMENT	UV-A COVERAGE AREA at 15 in (38 cm) at minimum 1,200 µW/cm²	AC/DC MOBILE VERSION
UV-365SBLC	< 5,000 µW/cm²	< 1 foot-candle (11 lux)	6 in (15 cm) Diameter	
UV-365MSBLC	< 5,000 µW/cm²	< 1 foot-candle (11 lux)	6 in (15 cm) Diameter	●

Light Source:	(3) UV-A LEDs, (1) white light LED
Lamp Style:	Pistol grip
Lamp Head Diameter:	3.5 in (9 cm)
Height:	7.5 in (19 cm)
Width:	3.5 in (8.9 cm)
Weight:	1.9 lb (0.90 kg)
White Light LED Intensity:	400 foot-candles (4,306 lux)
Power Requirements:	100-120VAC / 12VDC (Also available in 230V & 240V versions)
Battery Pack:	Type: 12V, NiMH (rechargeable) Run time: 3.5 hours continuous Charge time: 2 hours

① UV-A intensity reading taken with the Spectroline® AccuMAX™ Series meter, and is factory set to the value shown.

*Each lamp is fitted with an 8-foot cord and the appropriate plug for the country of destination. An optional 20-foot cord is available. The "/20" suffix denotes the 20-foot power cord options.



VALIDATION REPORT

CERTIFICATE OF CONFORMANCE

uVision™ 365
AC DELUXE KIT

UV-365SBLC

Kit Includes:
Lamp with in-line AC power supply, UV-absorbing spectacles, comes in a protective case.

MOBILE MODEL

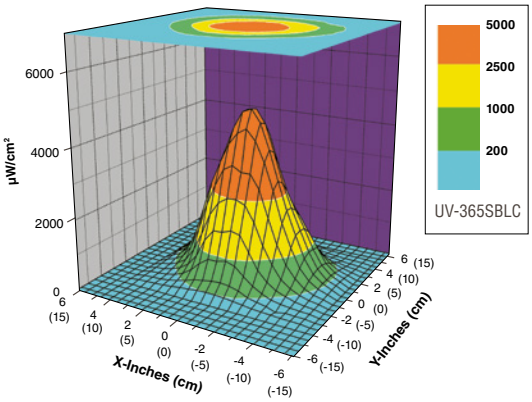
uVision™ 365
AC/DC MOBILE DELUXE KIT

UV-365MSBLC

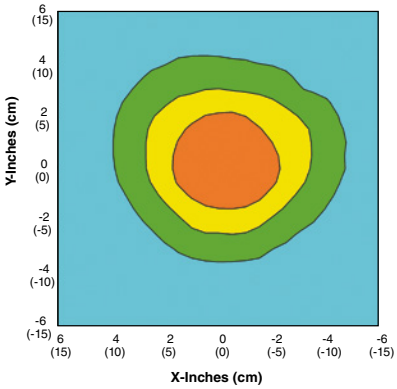
Kit Includes:
Lamp with in-line AC power supply, UV-absorbing spectacles, battery pack with 12V rechargeable NiMH battery, comes in a protective case.

UV-A Beam Profiles & **Longitudinal** Scan

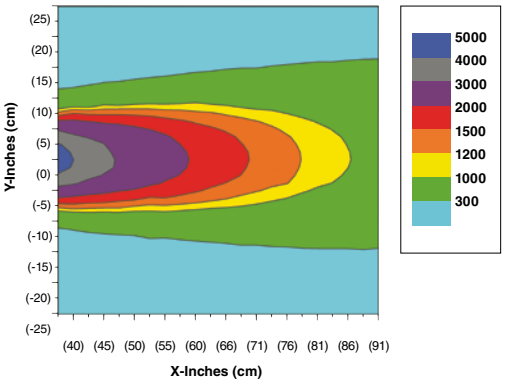
Surface Contour Profile at 15 in (38 cm)



Top Intensity Profile at 15 in (38 cm)



Longitudinal Profile



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