



uVision™ 365 SERIES NDT Inspection Lamps

The uVision™ 365 Series is Spectroline's innovative line of compact, broad-beam, handheld NDT lamps.

These lightweight, yet rugged lamps boast an IP65 rating, making them dust-tight and water-resistant. Using a state-of-the-art heat sink, the uVision™ is mechanically cooled without the need for fans. In addition to the three powerful UV-A (365 nm) LEDs, it has a convenient white light LED for illuminating work areas.

Compliant versions have embedded microprocessors to keep lamps within specifications. There are multiple power-source options as well.

NEW!

INTRODUCING THE **Z-MODEL**

with In-Handle
Lithium-Ion Battery



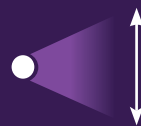
**COMPLIANT
MODELS
AVAILABLE**



**MEETS
EN ISO 3059
SPECIFICATIONS**



**DUST-TIGHT &
WATER RESISTANT**



**WIDE, EVEN
BEAM PROFILE**



**FANLESS &
COOL RUNNING**



**BASE
IN-LINE
A/C CORD**



**M-MODEL
EXTERNAL
BATTERY PACK**

NEW!

**Z-MODEL
IN-HANDLE
BATTERY**



**R-MODEL
REEL WITH
50-FOOT CORD**

NEW!

INTRODUCING THE **Z-MODEL**

RUGGED. RELIABLE. CORDLESS.



**COMPLIANT
MODELS
AVAILABLE**



**MEETS
EN ISO 3059
SPECIFICATIONS**



IP65 RATING
Dust-Tight &
Water Resistant



**WIDE, EVEN
BEAM PROFILE**



**FANLESS &
COOL RUNNING**

3 UV-A LEDs
For wide area of coverage

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

**Faceplate with
INTEGRAL UV-A
PASS FILTERS**
Reduce visible wavelengths
(SBLC- & HC-Models only)

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

**ADJUSTABLE
WHITE LIGHT LED**
Use to locate
surface flaws

**POWER/BATTERY
LIFE LIGHT**
Indicates power level

**THERMAL CUT-OFF
CIRCUITRY**
Prevents lamp from going out of compliance when internal temperature exceeds specifications
(SBLC-Models only)

FANLESS DESIGN
Maintains optimum lamp temperature using state-of-the-art heat sinks

PISTOL GRIP
Comfortable,
balanced control

NEW!
**IN-HANDLE LITHIUM
ION BATTERY**
(Z-Models only)
Available in multiple
power sources



BACK VIEW





BASE MODEL

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

uVision™ 365:

UV-365EH or UV-365ES

uVision™ 365 DELUXE:

UV-365SBLC or UV-365HC



NEW!

Z-MODEL

Lamp with in-handle lithium battery, in-line AC charger and cord, UV-absorbing spectacles, comes in a protective case.

uVision™ 365:

UV-365ZEH

uVision™ 365 DELUXE:

UV-365ZSBLC or UV-365ZHC



M-MODEL

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

uVision™ 365:

UV-365MEH

uVision™ 365 DELUXE:

UV-365MSBLC or UV-365MHC



R-MODEL

Lamp on a reel with 50 ft retracting A/C power cord, hooks to suspend from ceiling, UV-absorbing spectacles.

uVision™ 365 DELUXE:

UV-365SBLCR or UV-365HCR

		UV-365SBLC*	UV-365HC	UV-365ZHC	UV-365ES	UV-365EH	UV-365ZEH
TESTED TO COMPLY WITH	Rolls-Royce RRES 90061 REQUIREMENTS	✓	✗	✗	✗	✗	✗
	ASTM E3022-18 STANDARD	✓	✓	✓	✗	✗	✗
	EN ISO 3059	✓	✓	✓	✓	✓	✓
Nominal Steady-State UV-A Intensity at 15 in (38 cm) Ⓣ		< 5,000 μW/cm ²	6,000 μW/cm ²	8,000 μW/cm ²	< 5,000 μW/cm ²	7,000 μW/cm ²	9,000 μW/cm ²
UV-A Coverage Area at 15 in (38 cm) at minimum 1,200 μW/cm²		6 in (15.2 cm) Diameter	6.4 in (16.3 cm) Diameter	7.5 in (19 cm) Diameter	6 in (15.2 cm) Diameter	7 in (17.8 cm) Diameter	7 in (17.8 cm) Diameter
Filter/Faceplate		Integral UV-A pass filters			Standard faceplate		
Thermal Cut-Off Circuitry		✓	✗	✓	✗		
Visible Light Measurement		< 1 foot-candles (11 lux)			< 2 foot-candles (22 lux)		
In-Handle Lithium-Ion Battery		UV-365ZSBLC	✗	✓	✗	✗	✓
External Battery Pack		UV-365MSBLC	UV-365MHC	✗	✗	UV-365MEH	✗
Reel Kit (50 ft power cord)		UV-365SBLCR	UV-365HCR	✗	✗	✗	✗

*These versions are adjusted to ensure that they provide a maximum steady-state UV-A intensity of less than 5,000 μW/cm² at 15 in (38 cm)

Ⓣ UV-A intensity reading taken with the Spectrolite® 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. Also available in 20-foot cord models.



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) Z-Model: 9.5 in (24.1 cm)
Width:	3.5 in (8.9 cm) Z-Model: 3.75 in (9.5 cm)
Weight:	1.9 lb (0.90 kg) Z-Model: 2.65 lb (1.2 kg)
White Light LED Intensity:	400 foot-candles (4,306 lux)
Power Requirements:	100-120VAC / 12VDC*

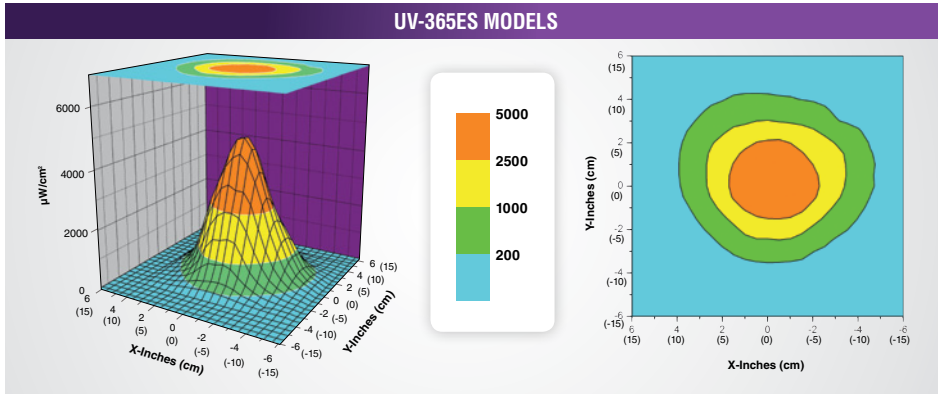
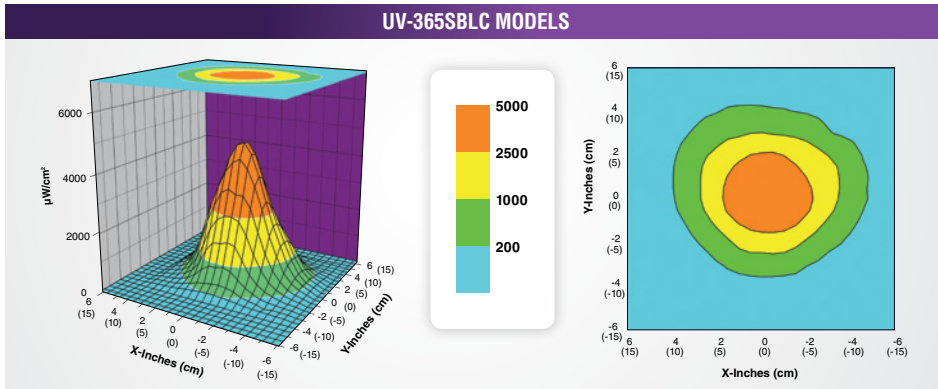
In-Handle Lithium Ion Battery:	Type: 14.8V, Lithium ion (rechargeable) Run time: ZSBLC: 10 hours ZHC: 7 hours ZEH: 8 hours Charge time: 4 hours
External Battery Pack:	Type: 12V, NiMH (rechargeable) Run time: 3.5 hours continuous Charge time: 2 hours

*(Also available in 220-240V versions)

STANDARD-INTENSITY MODELS:

Surface Contour Profile at 15 in (38 cm)

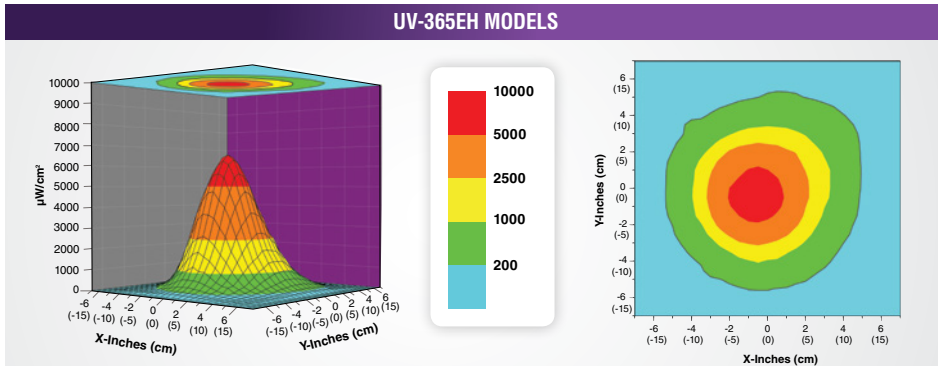
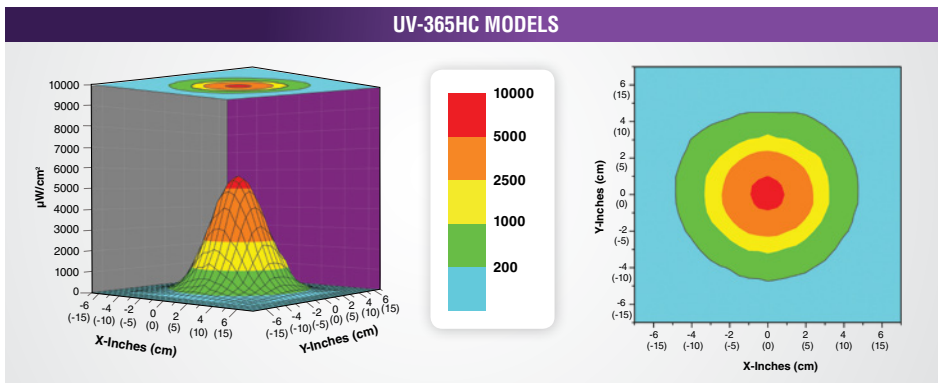
Top Intensity Profile at 15 in (38 cm)



HIGH-INTENSITY MODELS:

Surface Contour Profile at 15 in (38 cm)

Top Intensity Profile at 15 in (38 cm)



APPROPRIATE DOCUMENTS PROVIDED WITH EACH LAMP



VALIDATION REPORT

SPECTROLINE
VALIDATION REPORT

MODEL NUMBER OR STANDARD: UV-365SBLC
STANDARD NO. VALUE: 365SBLC

SERIAL NUMBER: 23135102
PART NUMBER: 23135102

TEST DESCRIPTION	PARAMETERS	UNIT	APPLICABLE TEST METHOD	UNIT TEST
Uniformity Reading	UV-365SBLC	µW/cm²	365SBLC	99.9%
Uniformity Reading	UV-365SBLC	µW/cm²	365SBLC	99.9%
Uniformity Reading	UV-365SBLC	µW/cm²	365SBLC	99.9%
Uniformity Reading	UV-365SBLC	µW/cm²	365SBLC	99.9%
Peak Intensity	UV-365SBLC	µW/cm²	365SBLC	10000
UV-365SBLC	UV-365SBLC	µW/cm²	365SBLC	10000
UV-365SBLC	UV-365SBLC	µW/cm²	365SBLC	10000
UV-365SBLC	UV-365SBLC	µW/cm²	365SBLC	10000

Knowledge Date: 10/23/2014
Inspector: [Signature]
Inspector Title: Quality Manager



CERTIFICATE OF CONFORMANCE

SPECTROLINE
CERTIFICATE OF CONFORMANCE

SERIAL NUMBER: 23135102
PART NUMBER: 23135102

APPLICABLE TO: UV-365SBLC
APPLICABLE TO VALUE: 365SBLC

TEST DESCRIPTION	PARAMETERS	UNIT	APPLICABLE TEST METHOD	UNIT TEST
Uniformity Reading	UV-365SBLC	µW/cm²	365SBLC	99.9%
Uniformity Reading	UV-365SBLC	µW/cm²	365SBLC	99.9%
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Uniformity Reading	UV-365SBLC	µW/cm²	365SBLC	99.9%
Peak Intensity	UV-365SBLC	µW/cm²	365SBLC	10000
UV-365SBLC	UV-365SBLC	µW/cm²	365SBLC	10000
UV-365SBLC	UV-365SBLC	µW/cm²	365SBLC	10000
UV-365SBLC	UV-365SBLC	µW/cm²	365SBLC	10000

Inspector: [Signature]
Inspector Title: Quality Manager



CERTIFICATE OF LIGHT OUTPUT

SPECTROLINE
CERTIFICATE OF LIGHT OUTPUT

This is to certify the light intensity of this lamp. The UV-A lamp output measurements (intensity and uniformity) for UV-A light produced at a peak wavelength of 365 - 370 nm (365 ± 5 nm) as measured with a Spectro-UV lamp.

Product Name: UV-365EH Standard Intensity UV-A Lamp
Product Number: 23135102
Serial Number: 23135102
Manufacturer: Spectro-UV Inc. 4 Dubon Ct., Farmingdale, NY 11735

UV-A Intensity reading at 305 mm: _____
Visible light reading at 355 mm: _____

Inspector: [Signature]
Date: _____

Quality Manager: [Signature]
Quality Manager Title: Quality Manager



www.Spectro-UV.com

4 Dubon Ct., Farmingdale, NY 11735
866-230-7305

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