

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-ofthe-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.



with In-Handle Lithium-Ion Battery

DUST-TIGHT &

WATER RESISTANT



Vision" 365 DELUXE

FANLESS & COOL RUNNING



MEETS En ISO 3059

SPECIFICATIONS

COMPLIANT

MODELS

AVAILABLE



WIDE, EVEN

BEAM PROFILE





INTRODUCING THE **RUGGED. RELIABLE. CORDLESS.**





Dust-Tight & Water Resistant



WIDE, EVEN BEAM PROFILE



FANLESS & COOL RUNNING



POWER/BATTERY

Indicates power level

LIFE LIGHT

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-ofthe-art heat sinks

PISTOL GRIP Comfortable. balanced control

NEW! **IN-HANDLE LITHIUM**

ION BATTERY (Z-Models only) Available in multiple power sources



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

| | | UV-365SBLC* | UV-365 HC | UV-365ZHC | UV-365ES | UV-365EH | UV-365ZEH |
|--------------------------|--|----------------------------|------------------------------|----------------------------|---------------------------------|----------------------------|----------------------------|
| TESTED TO COMPLY WITH | Rolls-Royce RRES 90061 REQUIREMENTS | O | 8 | ⊗ | \bigotimes | $\boldsymbol{\otimes}$ | \otimes |
| TESTED TO COMPLY WITH | ASTM E3022-18 STANDARD | S | S | S | × | × | 8 |
| MEETS | EN ISO 3059 | 0 | 0 | S | 0 | S | S |
| | Steady-State UV-A Intensity (38 cm) © | < 5,000 µW/cm² | 6,000 μW/cm² | 8,000 µW/cm ² | < 5,000 µW/cm ² | 7,000 μW/cm² | 9,000 µW/cm² |
| at 15 in (| verage Area (38 cm) um 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/Fa | ceplate | Integ | Integral UV-A pass filters | | Standard faceplate Clear filter | | |
| Thermal | Cut-Off Circuitry | ✓ | × | ✓ | | × | |
| Visible L | ight Measurement | < 1 f | < 1 foot-candles (11 lux) | | < 2 foot-candles (22 lux) | | |
| In-Handl | e Lithium-Ion Battery | UV-365ZSBLC | × | ~ | × | × | ~ |
| External | Battery Pack | UV-365MSBLC | UV-365MHC | × | × | UV-365MEH | × |
| | (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) Ф 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.

| 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* |

BACK VIEW





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



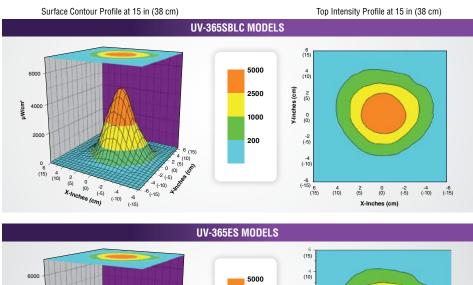
R-MODEL Lamp on a reel with 50 ft retracting A/C power cord, hooks to suspend from ceiling, UV-absorbing spectacles.

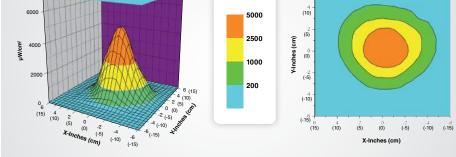
uVision[™] 365 DELUXE: UV-365SBLCR or UV-365HCR

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

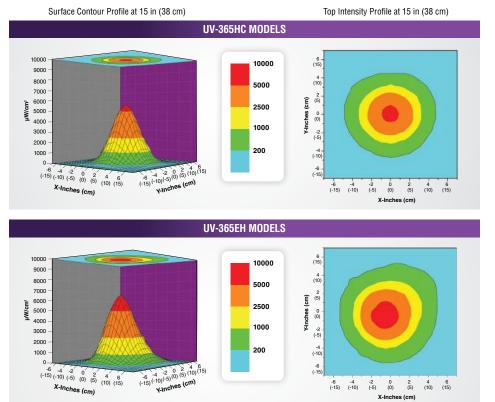
*(Also available in 220-240V versions)

STANDARD-INTENSITY MODELS:





HIGH-INTENSITY MODELS:



APPROPRIATE DOCUMENTS PROVIDED WITH EACH LAMP VALIDATION REPORT SPECTROLINE VALIDATION REPOR INFINAL ENVITOR ON MAX TEMP. AL 2Lindes (BLIss) AL 2Lindes (BLIss) Datas 366 v/ 2 mm 366 v/ 2 mm 367 v/ 2 mm 120 Los at Minimum Disk 3.47 Los 3.47 Los 3.47 Los 1.47 Los 1.47 Los (3.21 b) at Min (3.21 b) at Min (3.21 b) at Min Txx 20% intensity drog, AA 20 minutes, x2% sociation over 60 minutes 20 degreen C to 25 degreen C . 30 degreen C TLXD + XIX initial intensity TLXD + TLXD + - Maribak Barran Barral - Gauliy Managar 16 • BORD DATE OF • DO DATE



| CERTIFICAT | E OF CONFORMANC | E | | |
|---|---------------------------------|---|--|--|
| MODEL MUMBER: UV-INSAMC STANDARD: ASTM E3022, Type A | SERVICE MUMBER: PART NUMBER: | | | |
| APPARATULES | MANUFACTURES | MODEL NUMBERS | | |
| OUL/UNKS MARY (L1) | Ipendinarian Corporation | Jacouldan XKP-3200 Lasertinge and IP-2.5 (n.) | | |
| Spectromadiameter (6.2) | Gala-Net | UV/05-21, NM 3-25 | | |
| Spenirophalameter (K3) | Stella-Net | UV60-21, NR 3-25 | | |
| LAMP ACCEPTANCE TEST 8.1 | Esploananis | da Andrianis 719 (35 C) (Radullantian, 30 min) | | |
| Maximum Imaliance (7.3) | At 15 insher (18 em) | | | |
| Emission Spectrum (14.4.4) | Min range 330-830m | Lee Figure LQ Pg. 3 | | |
| Peak Wavelength (7.6.4.7) | 360 to XXDren | | | |
| Patrix (7.5.4.8) | siller | | | |
| Longrei Wavelength at Half Maximum (7.8.4.8) | 137344 | - | | |
| UV-A UD Visible Measurement (USIon) at 15 in (Mare) | +2 h (21 ian) | Pr(ian) | | |
| min and | | | | |





NDT



Russell Fraser Sales Pty Ltd Unit 10 / 1-11 Burns Rd, Heathcote NSW 2233 Australia

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Ph: +61 2 9545 4433 Email: rfs@rfsales.com.au Website: rfsales.com.au