

## **uVision**<sup>™</sup> **365** SERIES NDT Inspection Lamps

The uVision<sup>™</sup> 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<sup>™</sup> 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



Vision" 365 DELUXE



FANLESS & COOL RUNNING



COMPLIANT

MODELS

**AVAILABLE** 



MEETS **En ISO 3059** 

**SPECIFICATIONS** 



**DUST-TIGHT &** 

WATER RESISTANT







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

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





TROLIVE

Dust-Tight & Water Resistant



WIDE, EVEN BEAM PROFILE

FANLESS & COOL RUNNING



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

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

BACK VIEW

#### 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<sup>™</sup> 365:

UV-365EH or UV-365ES uVision<sup>™</sup> 365 DELUXE: UV-365SBLC or UV-365HC

SPECTROLINE:

#### NEW! **Z-MODEL**

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

uVision<sup>™</sup> 365: UV-365ZEH uVision<sup>™</sup> 365 DELUXE: UV-365ZSBLC or UV-365ZHC

		UV-365SBLC*	<b>UV-365</b> HC	UV-365ZHC	UV-365ES	UV-365EH	UV-365ZEH
TESTED TO COMPLY WITH	Rolls-Royce RRES 90061 Requirements	<b>S</b>	*	×	×	*	*
TESTED TO COMPLY WITH	ASTM E3022-18 STANDARD	<	<b>S</b>	<b>S</b>	×	*	×
MEETS	EN ISO 3059	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>	<b>S</b>
	al Steady-State UV-A Intensity n (38 cm) ©	< 5,000 µW/cm <sup>2</sup>	6,000 µW/cm <sup>2</sup>	8,000 µW/cm²	< 5,000 µW/cm <sup>2</sup>	7,000 µW/cm²	9,000 µW/cm²
at 15 i	<b>Coverage Area</b> n (38 cm) imum 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	Integ	ıral UV-A pass filters		Standard	l faceplate	Clear filter
Therm	al Cut-Off Circuitry	✓	×	✓		×	
Visible	e Light Measurement	< 1 foot-candles (11 lux) < 2 foot-candles (22 lux)		ux)			
In-Har	dle Lithium-Ion Battery	UV-365ZSBLC	×	~	×	×	~
Extern	al Battery Pack	UV-365MSBLC	UV-365MHC	×	×	UV-365MEH	×
Reel K	(it (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/cm<sup>2</sup> at 15 in (38 cm) O UV-A intensity reading taken with the Spectroline<sup>®</sup> AccuMAX<sup>™</sup> 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*



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<sup>™</sup> 365: UV-365MEH uVision<sup>™</sup> 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.

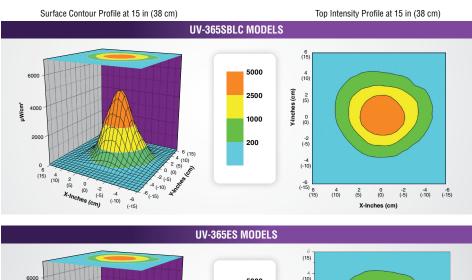
uVision<sup>™</sup> 365 DELUXE: UV-365SBLCR or UV-365HCR

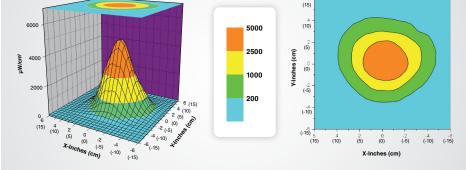
CE

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

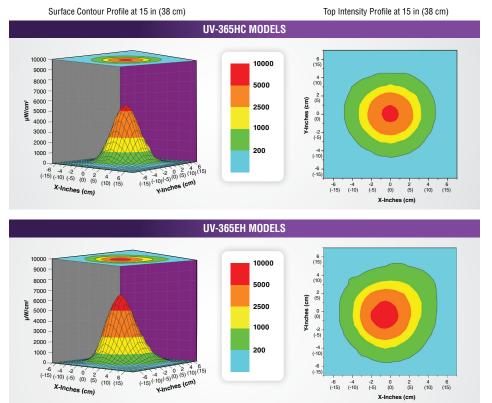
\*(Also available in 220-240V versions)

#### **STANDARD-INTENSITY MODELS:**





#### **HIGH-INTENSITY MODELS:**



APPROPRIATE DOCUMENTS PROVIDED WITH EACH LAMP





CERTIFICAT	E OF CONFORMANC	r		
MODEL NUMBER: UV-INSMINC ITANDARD: ASTM EXC22, Type A		SIRUL NUMBER PART NUMBER		
APPERATUSED	MANUFACTURER	MODEL NUMBERS		
	Spendmention Corporation	January and the state		
Spectromadiameter (6.2)	Gelation .	UV/05-21, NM 3-25		
Spenicephalamatar (8.3)	Stellarbiet	UV60-21, NR 3-25		
LAMP ACCEPTANCE TEST & 1	Employments	An Ambient TH GLO		
Nation Indiana (7.3)	As 15 meters (36 errs)	(Unbliniter, 30 min)		
Emission Sensinger (7.6.6.6)	Min samer 330 d00m	See Finance Life Ten 2		
Peak Wavelength (7.6.6.7)	Bill in Xilow			
Patente (7 & 4.8)	cilion			
Longrei Wavelengih at Kall Maximum (7.8.4.8)	s373sm			
UV-A UED Visible Measurement (USSnet) at 15 in (Marr	0 -2 h (21 ian)	Pe( ian)		
المراجع: 				



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