

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



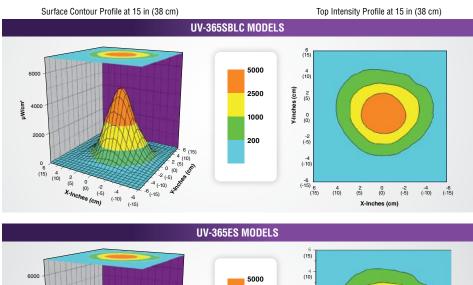
R-MODEL Lamp on a reel with 50 ft retracting A/C power cord, hooks to suspend from ceiling, UV-absorbing spectacles.

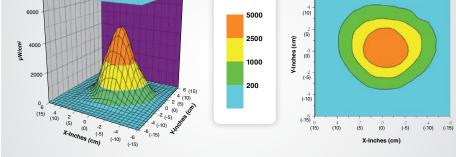
uVision[™] 365 DELUXE: UV-365SBLCR or UV-365HCR

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

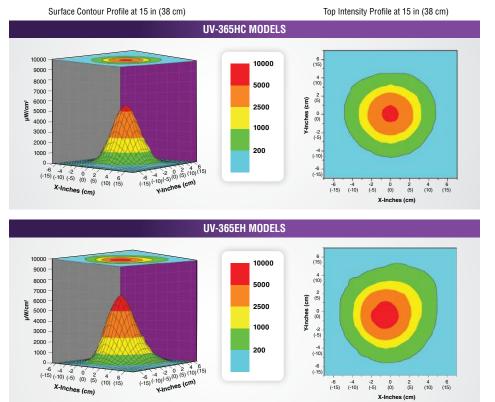
*(Also available in 220-240V versions)

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				





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