

# uVision™ 365 SERIES

NDT Inspection Lamps

SPECTRO-UV®

The uVision™ 365 Series is Spectro-UV'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.

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



Part Number	ASTM E3022	ISO 3059	RRES:90061	AIRBUS AITM6	PRATT & WHITNEY	Nominal Steady State UV-A Intensity at 15 in (38 cm)	UV-A Coverage at 15 in (38 cm) at minimum 1,200 $\mu\text{W}/\text{cm}^2$	Power Source	Run Time	White Light	Adaptors
UV-365SBLC	X	X	X	X	X	4,500 $\mu\text{W}/\text{cm}^2$	6 in (15 cm) $\emptyset$	AC Cord	—	Y	A/B, C/F, I, G, N, A/B & F w 20ft Cord
UV-365MSBLC*	X	X	X	X	X	4,500 $\mu\text{W}/\text{cm}^2$	6 in (15 cm) $\emptyset$	AC/DC (NiMH Battery)	3.5 hrs	Y	A/B, C/F, I, G, N, A/B & F w 20ft Cord
UV-365ZSBLC	X	X	X	X	X	< 5,000 $\mu\text{W}/\text{cm}^2$	6 in (15 cm) $\emptyset$	AC/DC (Li-ion Battery)	10 hrs	Y	A/B, C/F, I, G, N
UV-365HC	X	X				6,000 $\mu\text{W}/\text{cm}^2$	7 in (17.8 cm) $\emptyset$	AC Cord	—	Y	A/B, C/F, I, G, N, A/B & F w 20ft Cord
UV-365MHC	X	X				6,000 $\mu\text{W}/\text{cm}^2$	7 in (17.8 cm) $\emptyset$	AC/DC (NiMH Battery)	3.5 hrs	Y	A/B, C/F, I, G, N
UV-365ZHC	X	X				8,000 $\mu\text{W}/\text{cm}^2$	8.25 in (21 cm) $\emptyset$	AC/DC (Li-ion Battery)	7 hrs	Y	A/B, C/F, I, G, N
UV-365HCR	X	X				6,000 $\mu\text{W}/\text{cm}^2$	6.4 in (16 cm) $\emptyset$	AC Cord & Reel	—	Y	A/B, C/F, I, G, N
UV-365ES*						< 5,000 $\mu\text{W}/\text{cm}^2$	6 in (15 cm) $\emptyset$	AC Cord	—	Y	A/B, C/F, I, G, N, A/B & F w 20ft Cord
UV-365MEH						7,000 $\mu\text{W}/\text{cm}^2$	7 in (17.8 cm) $\emptyset$	AC/DC (NiMH Battery)	3.5 hrs	Y	A/B, C/F, I, G, N, A
UV-365EH						7,000 $\mu\text{W}/\text{cm}^2$	7 in (17.8 cm) $\emptyset$	AC Cord	—	Y	A/B, C/F, I, G
UV-365ZEH						9,000 $\mu\text{W}/\text{cm}^2$	7 in (17.8 cm) $\emptyset$	AC/DC (Li-ion Battery)	8 hrs	Y	A/B, C/F, I, G, N

\* These versions are adjusted to ensure that they provide a maximum steady-state UV-A intensity of less than 5,000  $\mu\text{W}/\text{cm}^2$  at 15 in (38 cm).

Note: UV-A intensity reading taken with the Spectro-UV® 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.

## Key Features

- **Long-Lasting UV-A Lenses** - reduces the rate of solarization
- **3 UV-A LEDs** - for wide area of coverage
- **Thermal Cut-off Circuitry** - prevents lamp from going out of compliance when internal temperature exceeds specifications (*SBLC model only*)
- **Fanless Design** - Maintains optimum lamp temperature using state-of-the-art heat sinks
- **Integral UV-A Pass Filters** - reduces visible wavelengths
- **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
- **White Light LED** - Use to locate surface flaws. *Deluxe models offer adjustable white light LED*

Specifications	Details		
<b>Light Source</b>	(3) UV-A LEDs, (1) white light LED		
<b>Lamp Style</b>	Pistol Grip		
<b>Lamp Diameter Head</b>	3.5 in (9 cm)		
<b>Height</b>	7.5 in (19 cm)	Z-Model	9.5 in (24.1 cm)
<b>Width</b>	3.5 in (9 cm)	Z-Model	3.75 in (9.5 cm)
<b>Weight</b>	1.9 lb (0.90 kg)	Z-Model	2.65 lb (1.2 kg)
<b>White Light LED Intensity</b>	400 foot-candles (4,306 lux)		
<b>Power Requirements</b>	100-120VAC / 12VDC		Also available in 230V & 240V
<b>External Battery Pack: M-Model Only</b>	Type: 12V, NiMH (rechargeable) Run time: 3.5 hrs continuous Charge time: 2 hrs		
<b>In-Handle Lithium Ion Battery: Z-Model Only</b>	Type: 14.8V, Lithium Ion(rechargeable) Run time: ZSBLC: 10 hrs   ZHC: 7 hrs   ZEH: 8 hrs Charge time: 4 hrs		



### BASE MODEL

In-line A/C Cord

uVision 365:

**UV-365EH or UV-365ES**

uVision 365 Deluxe:

**UV-365SBLC or UV-365HC**



### Z-MODEL

External Battery Pack

uVision 365:

**UV-365ZEH**

uVision 365 Deluxe:

**UV-365ZSBLC or UV-365ZHC**



### M-MODEL

In-handle Battery

uVision 365:

**UV-365MEH**

uVision 365 Deluxe:

**UV-365MSBLC or UV-365MHC**



### R-MODEL

Reel with 50-Foot Cord

uVision 365 Deluxe:

**UV-365SBLCR or UV-365HCR**

# SPECTRO-UV®

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