UV HANDHELD LAMP MATRIX

SPECTRO-UV®

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 µW/cm²	Power Source	Run Time	White Light	Applications
uVision MAX SERIES											
UV-365MAXHC	X	X	X	X	X	4,500 µW/cm²	9.5 in (24.1 cm) Ø	AC Cord	—	Y	Aerospace, Industrial, NDT
UV-365MAXZHC	X	X		X	X	4,500 µW/cm²	9.5 in (24.1 cm) Ø	AC/DC (Li-Ion Battery)	7 hrs	Y	Aerospace, Industrial, NDT
UV-365MAXMHC	X	X		X	X	4,500 µW/cm²	9.5 in (24.1 cm) Ø	AC Cord or Li-Ion Battery	7 hrs	Y	Aerospace, Industrial, NDT
uVision 365 SERIES											
UV-365SBLC	X	X	X	X	X	4,500 µW/cm²	6 in (15 cm) Ø	AC Cord	—	Y	Aerospace, Industrial, NDT
UV-365MSBLC	X	X	X	X	X	4,500 µW/cm²	6 in (15 cm) Ø	AC Cord or Li-Ion Battery	10 hrs	Y	Aerospace, Industrial, NDT
UV-365ZSBLC	X	X	X	X	X	< 5,000 µW/cm²	6 in (15 cm) Ø	AC/DC (Li-Ion Battery)	10 hrs	Y	Aerospace, Industrial, NDT
UV-365HC	X	X				6,000 µW/cm²	7 in (17.8 cm) Ø	AC Cord	—	Y	Aerospace, Industrial, NDT
UV-365MHC	X	X				6,000 µW/cm²	7 in (17.8 cm) Ø	AC Cord or Li-Ion Battery	7 hrs	Y	Aerospace, Industrial, NDT
UV-365ZHC	X	X				8,000 µW/cm²	8.25 in (21 cm) Ø	AC/DC (Li-Ion Battery)	7 hrs	Y	Aerospace, Industrial, NDT
UV-365HCR	X	X				6,000 µW/cm²	6.4 in (16 cm) Ø	AC Cord & Reel	—	Y	Aerospace, Industrial, NDT
UV-365ES						< 5,000 µW/cm²	6 in (15 cm) Ø	AC Cord	—	Y	Aerospace, Industrial, NDT
UV-365MEH						7,000 µW/cm²	7 in (17.8 cm) Ø	AC Cord or Li-Ion Battery	7 hrs	Y	Aerospace, Industrial, NDT
UV-365EH						7,000 µW/cm²	7 in (17.8 cm) Ø	AC Cord	—	Y	Aerospace, Industrial, NDT
UV-365ZEH						9,000 µW/cm²	7 in (17.8 cm) Ø	AC/DC (Li-Ion Battery)	8 hrs	Y	Aerospace, Industrial, NDT



Key Selling Points (uVision MAX):
- Optimized 9.5 in (24 cm) Diameter Coverage Area
- Wider angle beam pattern
- 4-lens UV-A Lenses
- Enhanced Thermal Management
- Compliant Design

Key Selling Points (uVision):
- Fanless design (cooler operation, longer life)
- IP65 waterproof rating
- Meets ALL major compliance standards
- 3.5-10 hour runtime options
- Wide, even beam coverage
- White light LED illumination



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TRITAN SERIES											
TRI-365SBLC	X	X	X	X	X	4,500 µW/cm²	5.5 in (14 cm) Ø	AC Cord	-	Y	Aerospace, Industrial, NDT, Forensics
TRI-365HC	X	X				8,000 µW/cm²	6 in (15 cm) Ø	AC Cord	-	Y	Aerospace, Industrial, NDT, Forensics
TRI-365HB						9,000 µW/cm²	6.5 in (16.5 cm) Ø	AC Cord	-	Y	Aerospace, Industrial, NDT, Forensics
TRI-365DB						4,750 µW/cm²	5.5 in (14 cm) Ø	AC Cord	-	Y	Aerospace, Industrial, NDT, Forensics
TRI-365MDB						1,400 µW/cm²	5.5 in (14 cm) Ø	AC/DC (NiMH Battery)	3.5 hrs	Y	Aerospace, Industrial, NDT, Forensics
TRI-365MHB						9,000 µW/cm²	6.5 in (16.5 cm) Ø	AC/DC (NiMH Battery)	3.5 hrs	Y	Aerospace, Industrial, NDT, Forensics
CLASSIC™ 365 SERIES											
CLA-100	X	X				5,700 µW/cm²	6 in (15 cm) Ø	AC Cord	-	Y	Industrial, NDT
CLA-100Z	X	X				5,700 µW/cm²	6 in (15 cm) Ø	AC/DC (Li-ion Battery)	7-8 hrs	Y	Industrial, NDT
CLA-150	X	X				8,000 µW/cm²	7.5 in (19 cm) Ø	AC Cord	-	N	Industrial, NDT

Key Selling Points (Tritan):
- Built-in fans for continuous use
- Thermal cut-off protection
- Replaceable cord options
- LED protection covers



Key Selling Points (Classic Series):
- Wireless induction charging
- IP68 waterproof rating
- 9-hour runtime
- Ultra-lightweight design



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Technical specs for UV-A lamps

PARAMETERS	ASTM E3022-18	ISO 3059:2012	RRES 90061:2014	AITM6-1001 Issue 15	UV-A Inspection Requirements
Wavelength (nm)	360 to 370	365 ± 5	365 ± 5	365 ± 5	365 peak
FMHM (nm)	≤ 15	≤ 30	≤ 20 @ 50% OP ≤ 30 @ 10% OP	Per ASTM E3022	N/A
Intensity (μW/cm²) at 15”	≥ 2,000	Min: 1,000 Max: 5,000	Min: 1,200 Max: 5,000	Min: 1,200 Max: 5,000	Min: 1,000 Max: 5,000
Beam profile	≥ 5-inch at ≥ 1,000 μW/cm²	N/A	Even irradiation	Per ASTM E3022	High uniformity
Visible light emission & *Ambient visible light*	*≤ 21.5 lux*	*≤ 20 lux*	≤ 5 lux at min WD ≤ 20 lux at max WD	Per ASTM E3022	*≤ 20 lux*
Electronic control Current ripple: Battery shut off: Temp cut off:	Ripple < 5% Intensity < 1,000 N/A	N/A	Ripple < 6% Current drop > 3% Over temp condition	Per ASTM E3022	Thermal management EMC
Report	Each lamp + Lamp model	N/A	Unit test Validation report	Per ASTM E3022	Per ASTM E3022

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