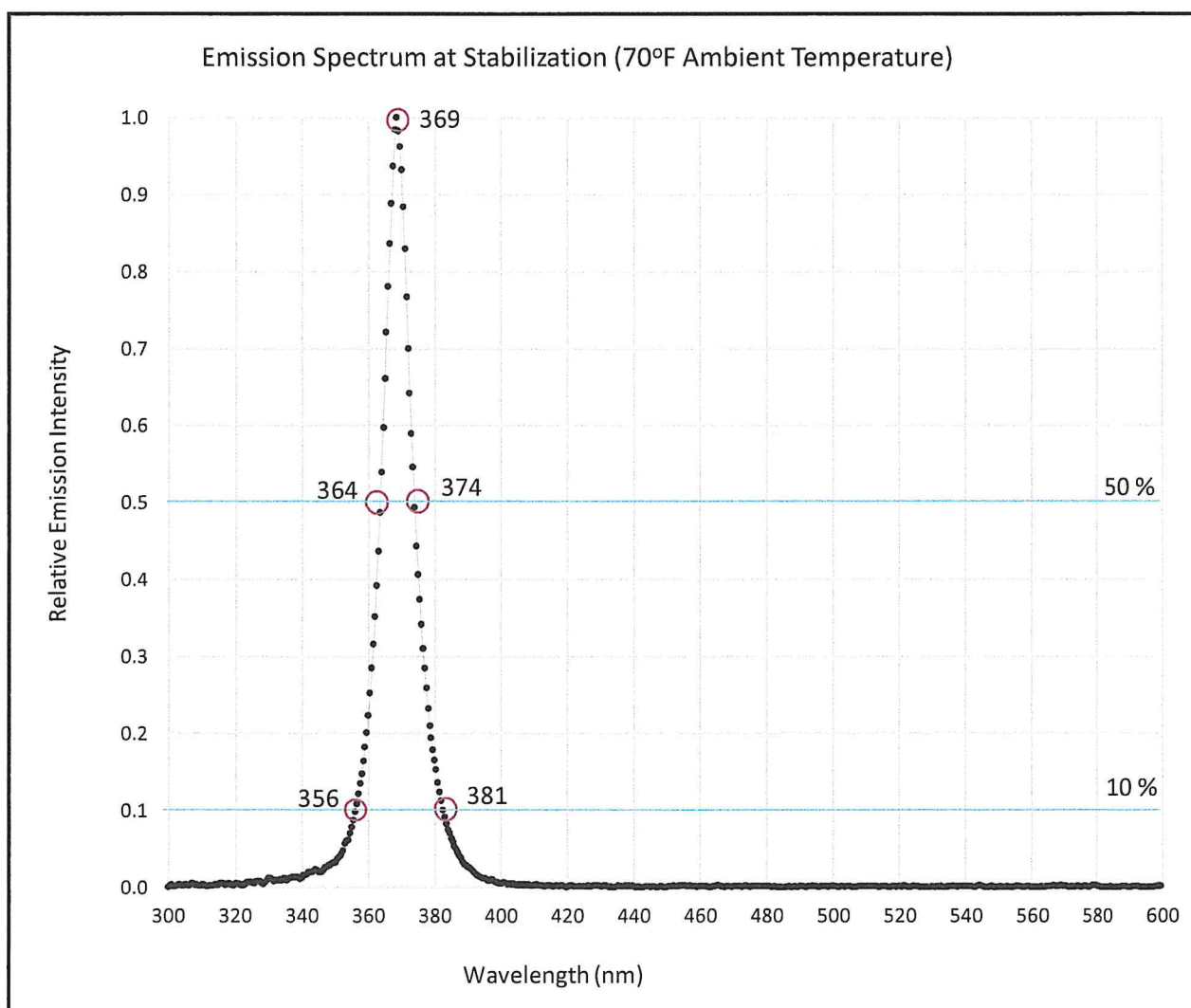


SN# 000517 Lamp Specific Acceptance Test



Model: UV-2000DH, Magnum-DH	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	369 ⁻	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	11 ⁻	≤ 15	nm
Full Width at 10% Maximum	Pass	25 ⁻	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	374 ⁻	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	1326 ⁻	≥ 1200	μW/cm ²



Inspector: REL IN MHP
 Date of Certification: 10-21-2025

This lamp has been tested to conform to all requirements of:
 ASTM E3022 ✓ AITM6-1001 ✓ ISO 3059 ✓ RRES 90061 ✓

Emission Spectrum Measured at Stabilization Temperature with Blue-wave UV-25 S/N 22011404, Certificate Number 22011404-UV-CR2-1124



C4 Magnum Series, Certificate of Conformance



SN# 000517	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	368	369	369	365 ± 5	nm
Full Width Half Maximum (FWHM)	11	11	13	≤ 15	nm
Full Width at 10% Maximum	25	25	26	≤ 30	nm
Longest Wavelength at Half Maximum	373	374	376	≤ 377	nm
Visible Emission at 15 in	7	6	6	≤ 20	Lux
Visible Emission at 36 in	1	1	1	≤ 5	Lux
Irradiated Area at 15 in (>1000 μW/cm ²)	11	10	9	≥ 5	Inch Diameter
Max Excitation Irradiance (347-382 nm)	1,657	1,326	1,300	≥ 1,000	μW/cm ²
Irradiance at Peak Output Wavelength	133	106	120	-	μW/cm ²
Min Working Distance** (< 5000 μW/cm ²)	9	8	8	-	Inches
Max Working Distance** (> 1200 μW/cm ²)	19	18	18	-	Inches
Body Stabilization Temp (70°F Ambient)	-	112	-	≤ 120	°F
Current Ripple	9	9	9	≤ 35	mA peak-peak

* Tested in a 110°F Environment, the **maximum ambient temperature where still light meets all requirements**

** C4 Magnum series lights use a single LED emitter, thus beam uniformity does not change with working distance (RRES 90061)

Glass UV Pass filter
Transmittance:
~0% < 275nm
~85% (Peak) @ 365nm
~0% > 400nm < 675nm
Secondary Peak ~42% @ 775nm
<20% above 825nm
Used in forensics, Testing, chemical analysis.
DIA: 25mm T: 1.5mm WT: .004

