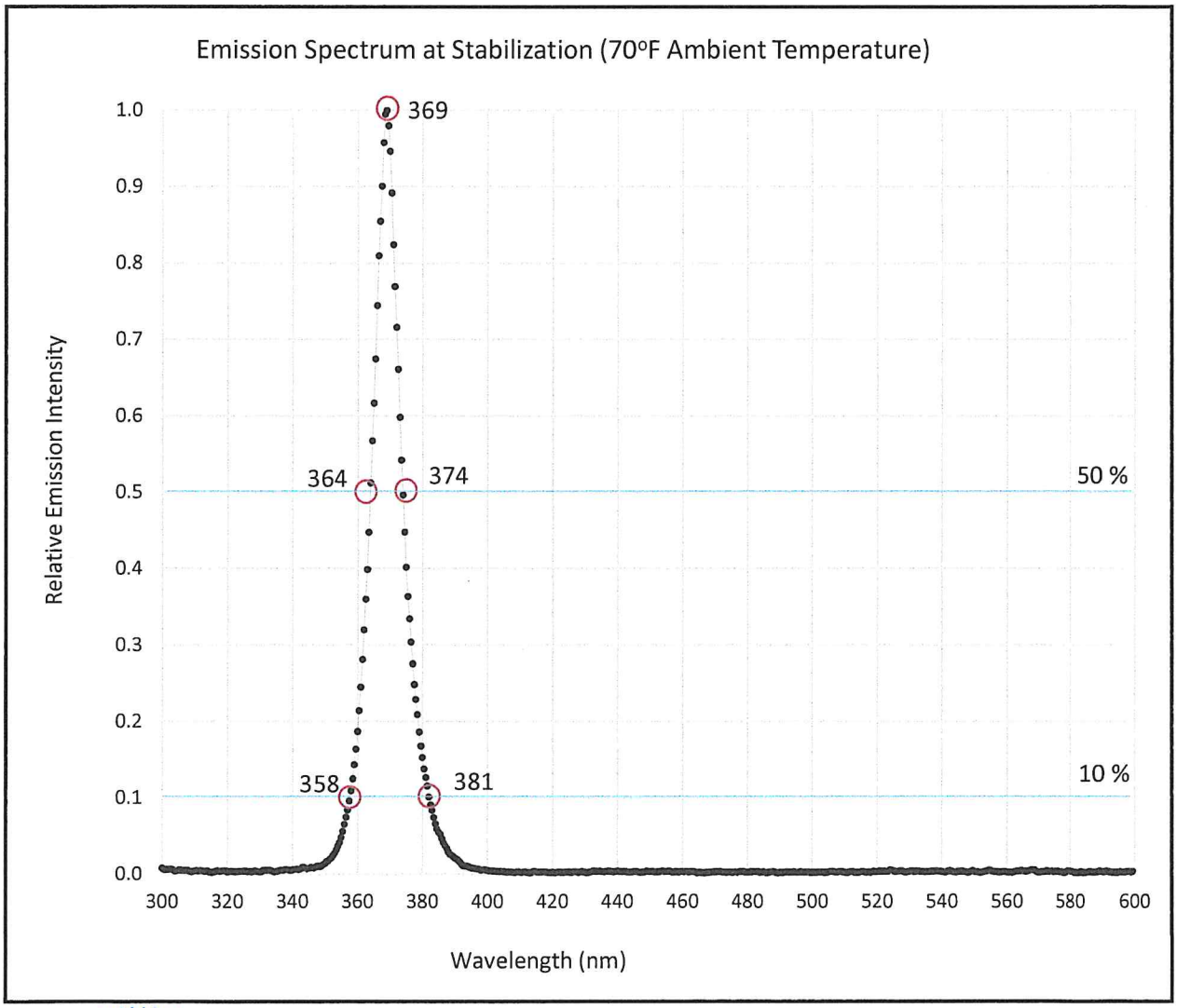
SN# 002471 Lamp Specific Acceptance Test

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	23	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	374	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	1552	≥ 1200	$\mu W/cm^2$



Inspector: GR

Date of Certification: 11-2-2026

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 26011309, Certificate Number 26011309-UV-CR2-0126

C4 Magnum Series, Certificate of Conformance

SN# 002471	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	23	23	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)	1,940	1,552	1,300	≥ 1,000	µW/cm^2
Irradiance at Peak Output Wavelength	164	132	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 light still 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

