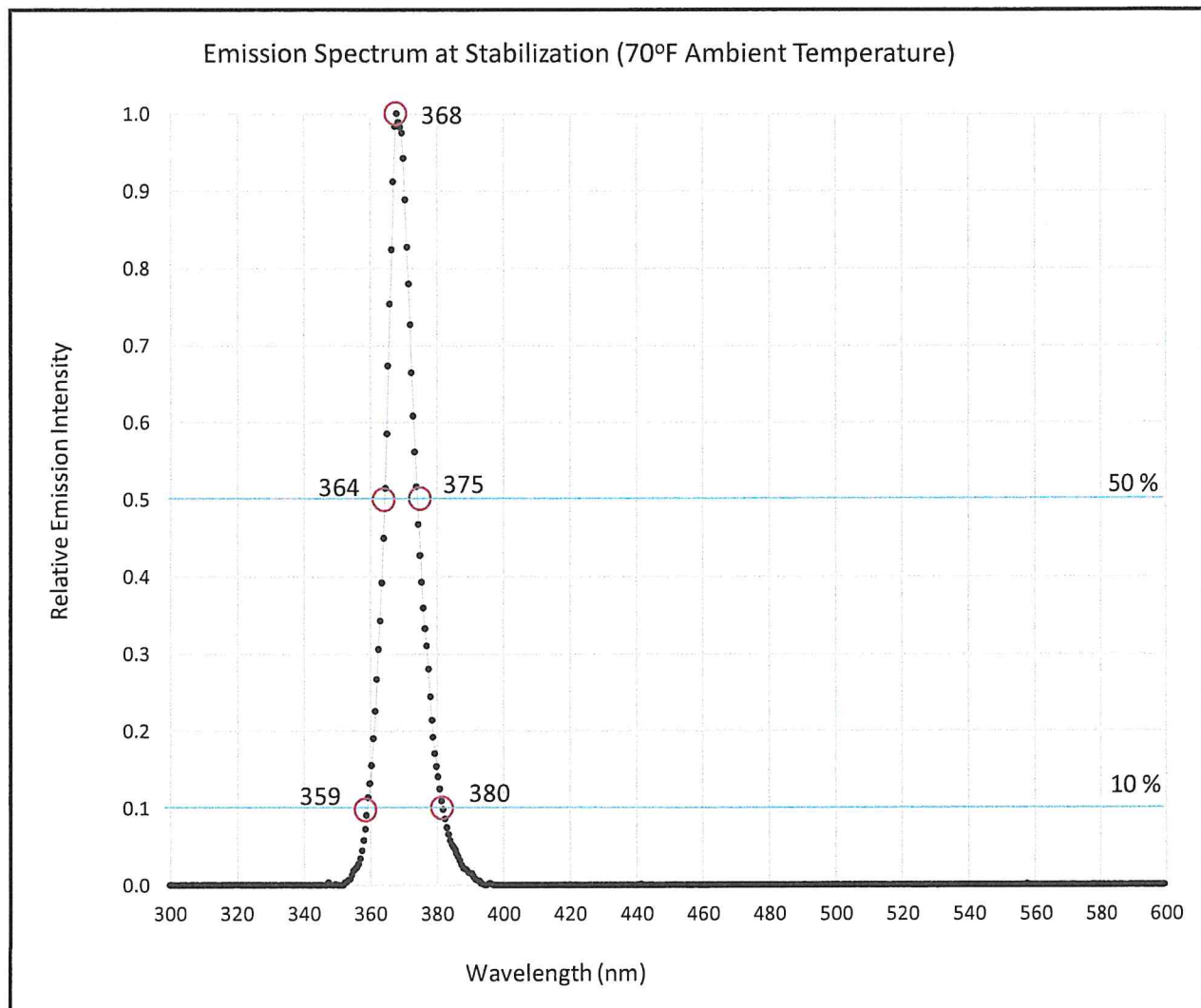


SN# 000756 Lamp Specific Acceptance Test



Model: UV-2100DH, Magnum Liquid Stylus	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	368 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	11 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	21 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	375 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	1454 ✓	≥ 1200	μW/cm ²



Inspector: MHP
 Date of Certification: 12-4-2025

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 18120729, Certificate Number 18120729-UV-CR2-0925



C4 Magnum Series, Certificate of Conformance



SN# 000756_liquid_stylus	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	368	365 ± 5	nm
Full Width Half Maximum (FWHM)	11	11	11	≤ 15	nm
Full Width at 10% Maximum	21	21	21	≤ 30	nm
Longest Wavelength at Half Maximum	374	375	377	≤ 377	nm
Visible Emission at 15 in	0.4	0.4	0.4	≤ 2	fc
Visible Emission at 36 in	0.1	0.1	0.1	≤ .5	fc
Irradiated Area at 15 in (>1000 μW/cm ²)	4	4	4	≥ 3	Inch Diameter
Max Excitation Irradiance (347-382 nm)	1,526	1,454	1,200	≥ 1,200	μW/cm ²
Irradiance at Peak Output Wavelength	134	128	108	-	μW/cm ²
Min Working Distance** (< 2 fc)	4	4	4	-	Inches
Max Working Distance** (> 1200 μW/cm ²)	16	16	15	-	Inches
Body Stabilization Temp (70°F Ambient)	-	116	-	≤ 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)

