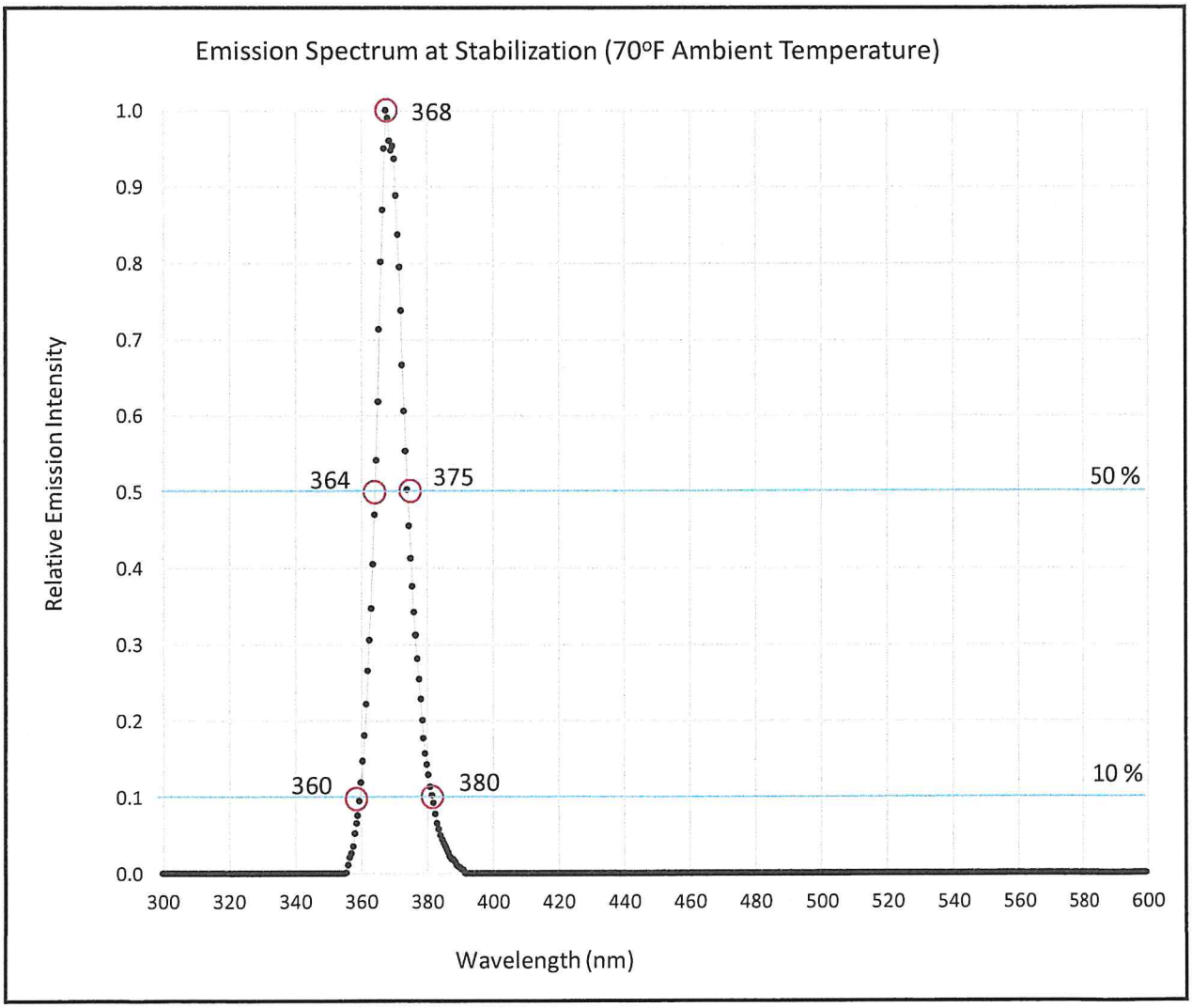
SN# 001402 Lamp Specific Acceptance Test

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	1735	≥ 1200	$\mu W/cm^2$



Inspector: MK

Date of Certification: 5.15.2026

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 18120729, Certificate Number 18120729-UV-CR2-0925

C4 Magnum Series, Certificate of Conformance

SN# 001402_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)	1,822	1,735	1,200	≥ 1,200	µW/cm^2
Irradiance at Peak Output Wavelength	162	154	134	-	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 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)*

