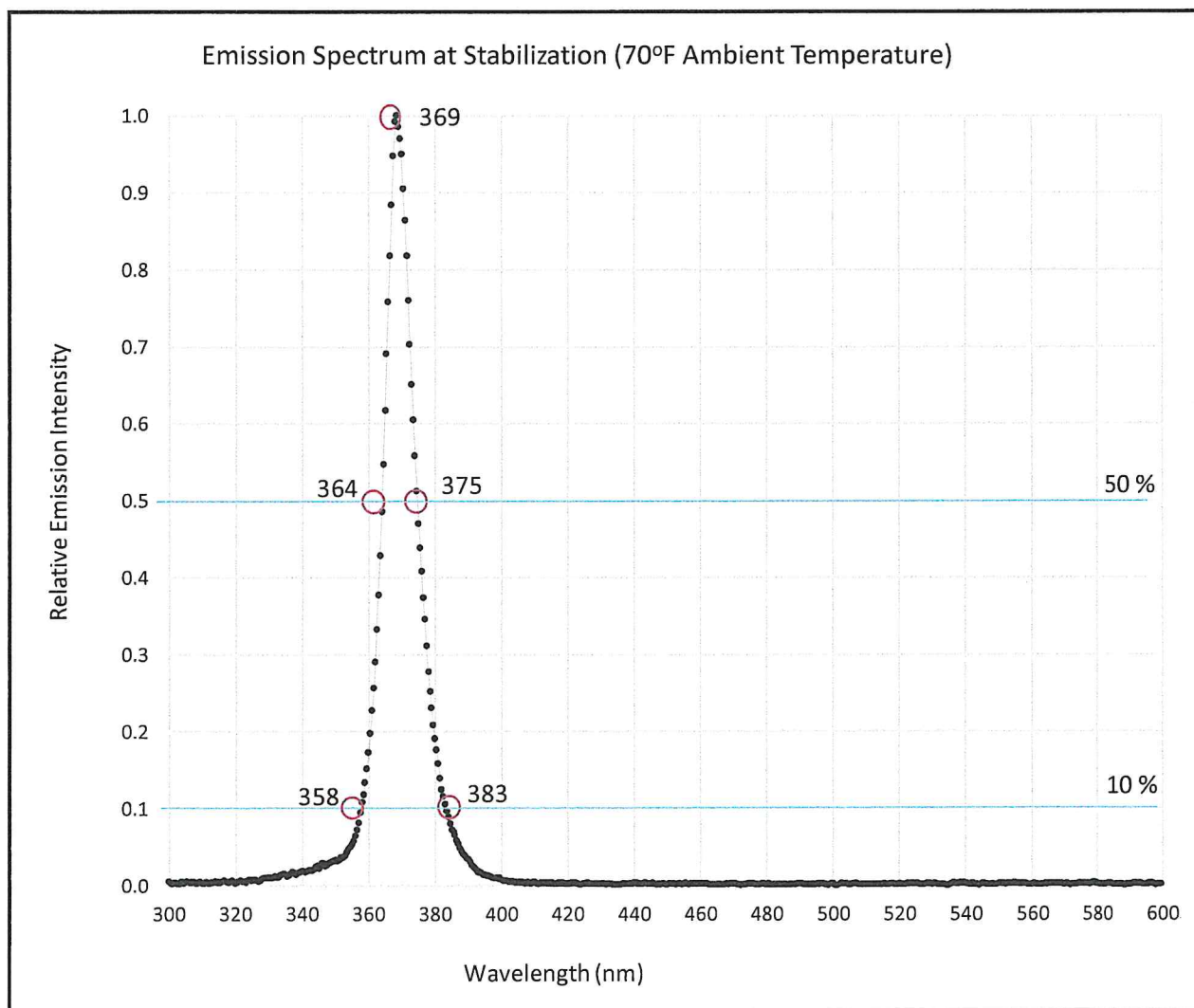


SN# 23112102 Lamp Specific Acceptance Test



Model: UV-2100, Magnum Light Pipe	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	375 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	1456 ✓	≥ 1000	μW/cm ²

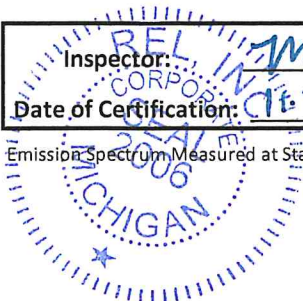


Inspector: REL MHP
 Date of Certification: 7-2025

This lamp has been tested to conform to all requirements of:

ASTM E3022 ✓ ASTM E1417 ✓ ISO 3059 ✓

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# 23112102_magnum_lightpipe_recert1	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	368	369	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	11	11	13	≤ 15	nm
Full Width at 10% Maximum	25	25	27	≤ 30	nm
Longest Wavelength at Half Maximum	374	375	377	≤ 377	nm
Visible Emission at 8 in	16	14	7	≤ 20	Lux
Visible Emission at 36 in	2	2	2	≤ 5	Lux
Irradiated Area (>1000 μW/cm ²)	5	4	4	≥ 3	Inch Diameter
Max Excitation Irradiance (347-382 nm)	1,747	1,456	1,600	≥ 1000	μW/cm ²
Irradiance at Peak Output Wavelength	140	117	120	-	μW/cm ²
Min Working Distance (< 5000 μW/cm ²)	5	4	4	-	Inches
Max Working Distance (> 1200 μW/cm ²)	9	8	7	-	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**

All testing was conducted at 8 inches from the sensor unless otherwise noted

