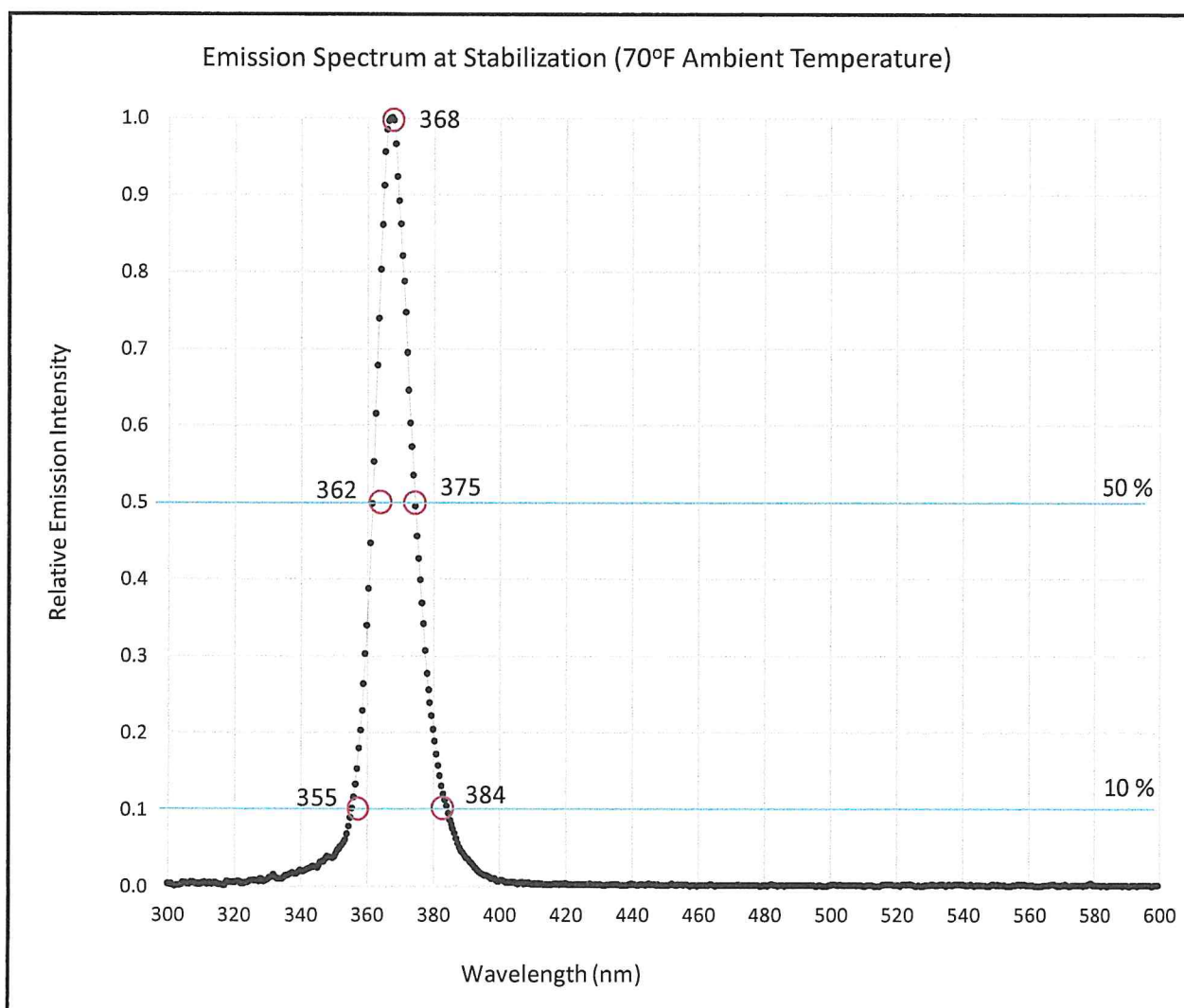


SN# 24050908 Lamp Specific Acceptance Test



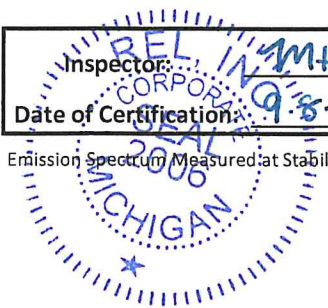
Model: UV-2100, Magnum Light Pipe	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	368 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	13 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	29 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	375 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	1784 ✓	≥ 1000	μW/cm ²



Inspector: REL IN MHP
 Date of Certification: 9-8-2025

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# 24050908_magnum_lightpipe_recert1	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	13	13	13	≤ 15	nm
Full Width at 10% Maximum	29	29	27	≤ 30	nm
Longest Wavelength at Half Maximum	374	375	377	≤ 377	nm
Visible Emission at 8 in	17	15	7	≤ 20	Lux
Visible Emission at 36 in	2	2	2	≤ 5	Lux
Irradiated Area ($>1000 \mu\text{W}/\text{cm}^2$)	5	4	4	≥ 3	Inch Diameter
Max Excitation Irradiance (347-382 nm)	2,141	1,784	1,600	≥ 1000	$\mu\text{W}/\text{cm}^2$
Irradiance at Peak Output Wavelength	148	123	120	-	$\mu\text{W}/\text{cm}^2$
Min Working Distance ($< 5000 \mu\text{W}/\text{cm}^2$)	5	4	4	-	Inches
Max Working Distance ($> 1200 \mu\text{W}/\text{cm}^2$)	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

