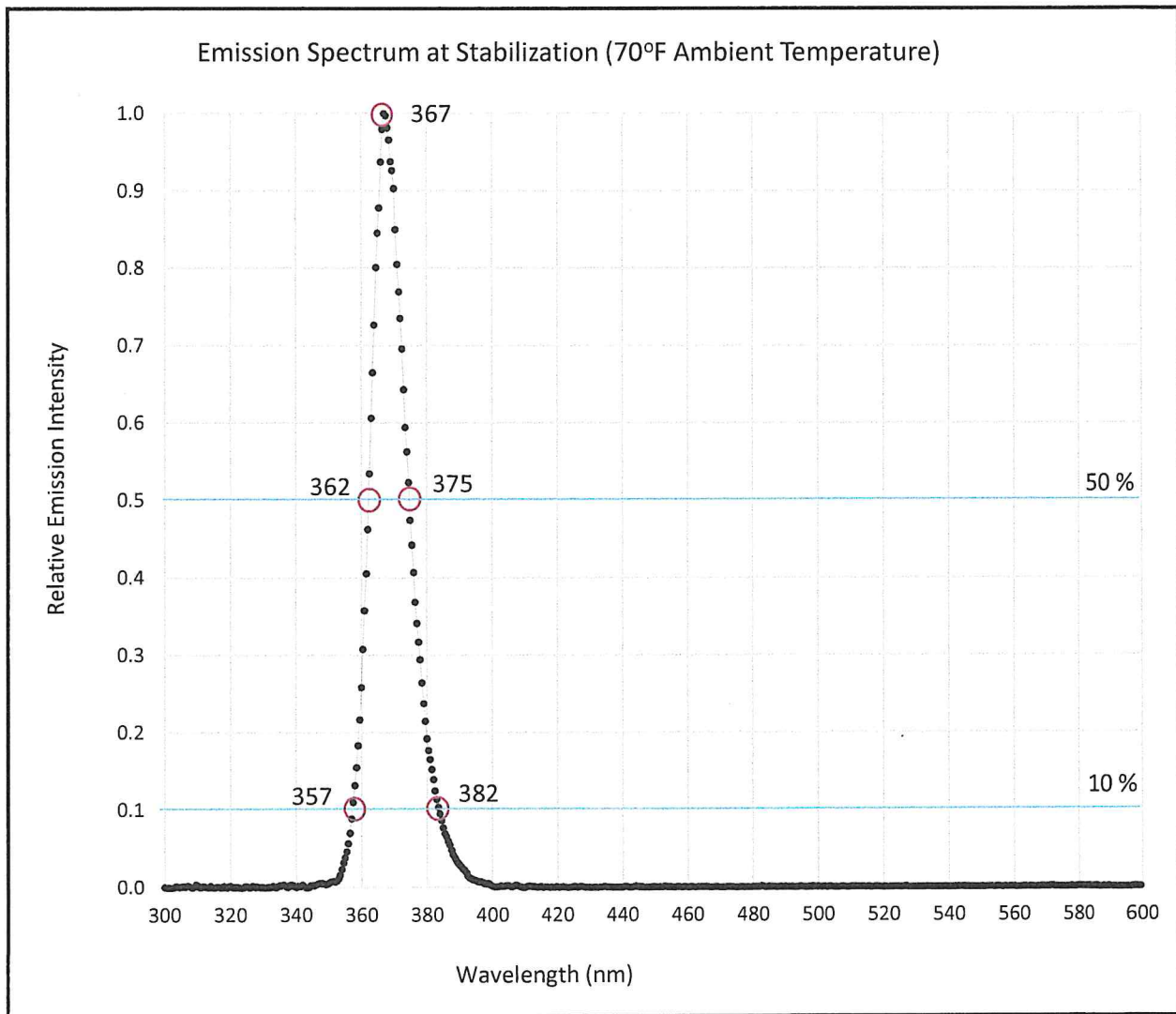




# SN# 290580-02 Lamp Specific Acceptance Test

Model: Magnum	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	367 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	13 -	≤ 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	4197 ✓	≥ 2000	μW/cm <sup>2</sup>



Inspector: VER  
Date of Certification: 0-11-2024

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 16060829, Certificate Number 16060829-UV-CR2-1223

# C4 Magnum Series, Certificate of Conformance



SN# 290580-02	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	366	367	369	365 ± 5	nm
Full Width Half Maximum (FWHM)	13	13	13	≤ 15	nm
Full Width at 10% Maximum	25	25	26	≤ 30	nm
Longest Wavelength at Half Maximum	374	375	376	≤ 377	nm
Visible Emission at 15 in	7	6	6	≤ 20	Lux
Visible Emission at 36 in	3	3	3	≤ 5	Lux
Irradiated Area at 15 in (>1000 μW/cm <sup>2</sup> )	11	10	9	≥ 5	Inch Diameter
Max Excitation Irradiance (347-382 nm)	4,617	4,197	2,400	≥ 2,000	μW/cm <sup>2</sup>
Irradiance at Peak Output Wavelength	340	309	185	-	μW/cm <sup>2</sup>
Min Working Distance** (< 5000 μW/cm <sup>2</sup> )	15	14	13	-	Inches
Max Working Distance** (> 1200 μW/cm <sup>2</sup> )	26	23	21	-	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)

