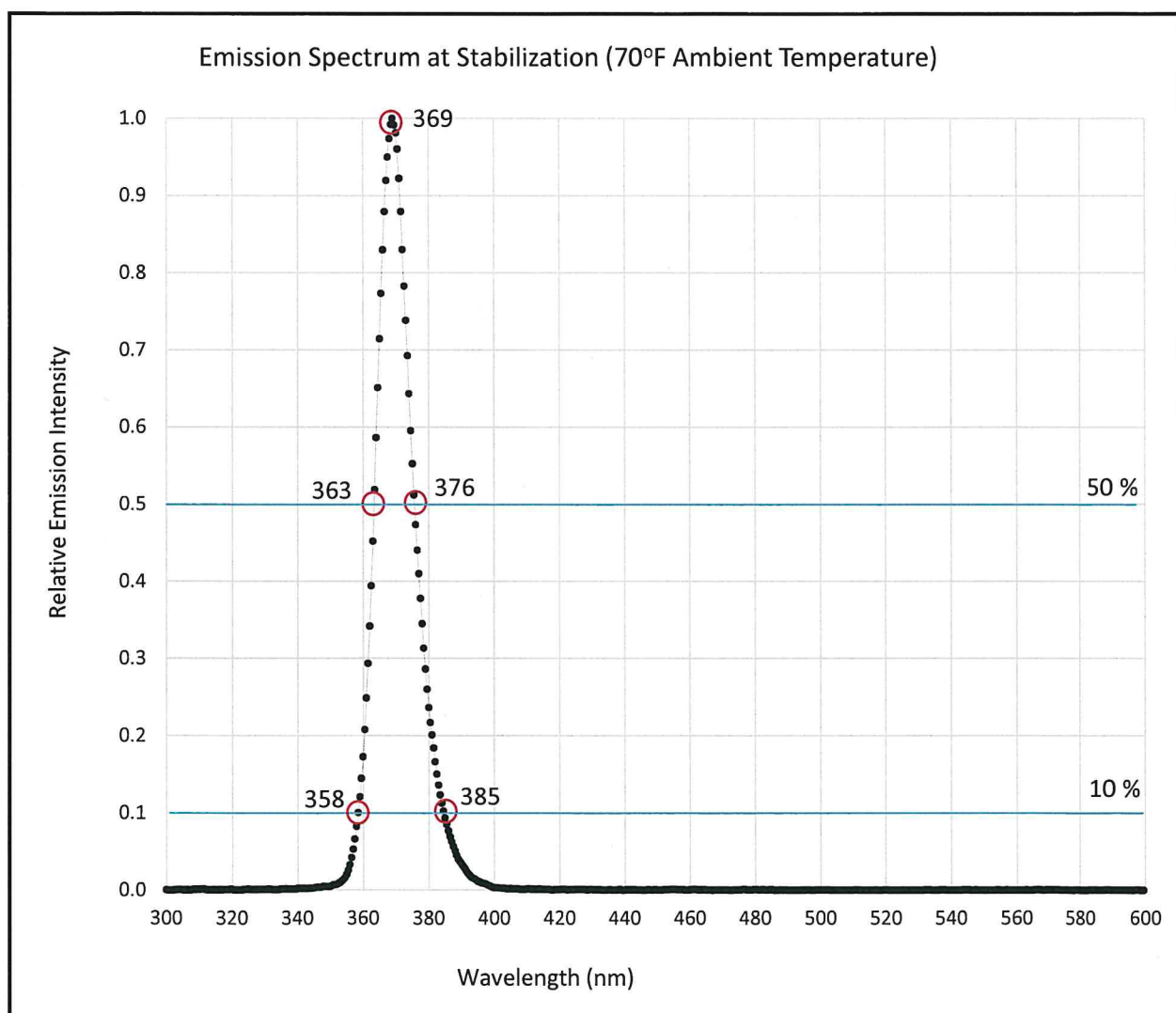


SN# 17062902 Lamp Specific Acceptance Test



Model: Magnum GO	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	369 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	13 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	27 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	376 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	3308 ✓	≥ 2000	μW/cm ²



Inspector *CJT*
 Date of Certification *7-21-2017*

This lamp has been tested to ✓ ASTM E3022
 conform to all requirements of ✓ RRES 90061

Emission Spectrum Measured at Stabilization Temperature with Blue-wave UV-25 S/N 16060829, Certificate Number 16060829-UV-CR2

C4 Magnum Series, Certificate of Conformance



	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	368	369	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	13	13	13	≤ 15	nm
Full Width at 10% Maximum	27	27	27	≤ 30	nm
Longest Wavelength at Half Maximum	375	376	377	≤ 377	nm
Visible Emission at 15 in	16	14	7	≤ 20	Lux
Visible Emission at 36 in	3	3	3	≤ 5	Lux
Irradiated Area at 15 in (>1000 μW/cm ²)	10	9	8	≥ 5	Inch Diameter
Max Excitation Irradiance (347-382 nm)	3,722	3,308	2,500	≥ 2,000	μW/cm ²
Irradiance at Peak Output Wavelength	279	248	190	-	μW/cm ²
Min Working Distance** (< 5000 μW/cm ²)	13	11	10	-	Inches
Max Working Distance** (> 1200 μW/cm ²)	25	21	19	-	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)

