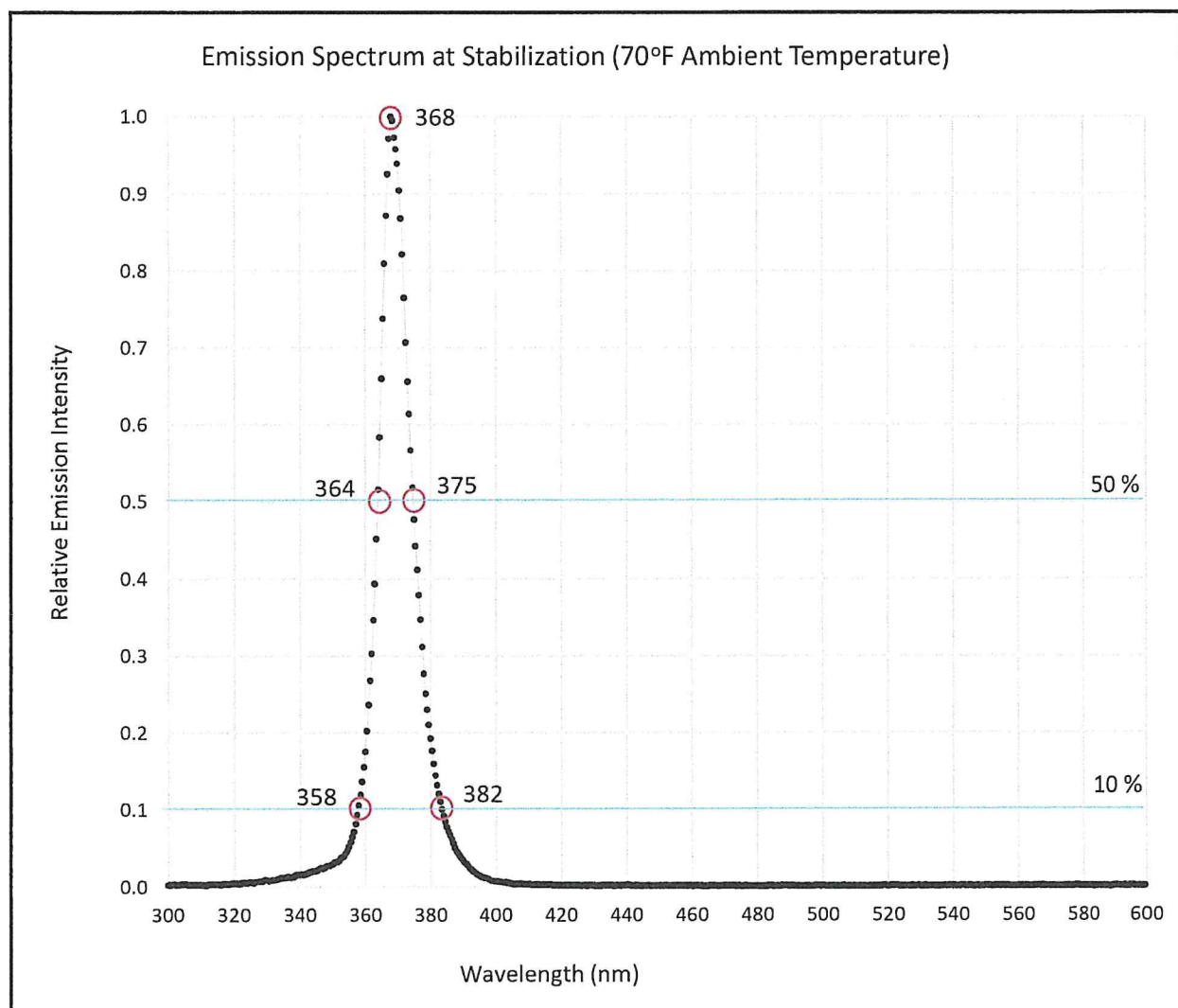


SN# 290747-20 Lamp Specific Acceptance Test



Model: Magnum	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	368 [✓]	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	12 [✓]	≤ 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	4275 [✓]	≥ 2000	μW/cm ²



Inspector: MHP
 Date of Certification: 4.3.2025

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 22011404, Certificate Number 22011404-UV-CR2-1124

C4 Magnum Series, Certificate of Conformance



SN# 290747-20	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	369	365 ± 5	nm
Full Width Half Maximum (FWHM)	12	12	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 ($>1000 \mu\text{W}/\text{cm}^2$)	11	10	9	≥ 5	Inch Diameter
Max Excitation Irradiance (347-382 nm)	4,703	4,275	2,400	$\geq 2,000$	$\mu\text{W}/\text{cm}^2$
Irradiance at Peak Output Wavelength	371	338	185	-	$\mu\text{W}/\text{cm}^2$
Min Working Distance** ($< 5000 \mu\text{W}/\text{cm}^2$)	15	14	13	-	Inches
Max Working Distance** ($> 1200 \mu\text{W}/\text{cm}^2$)	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)

