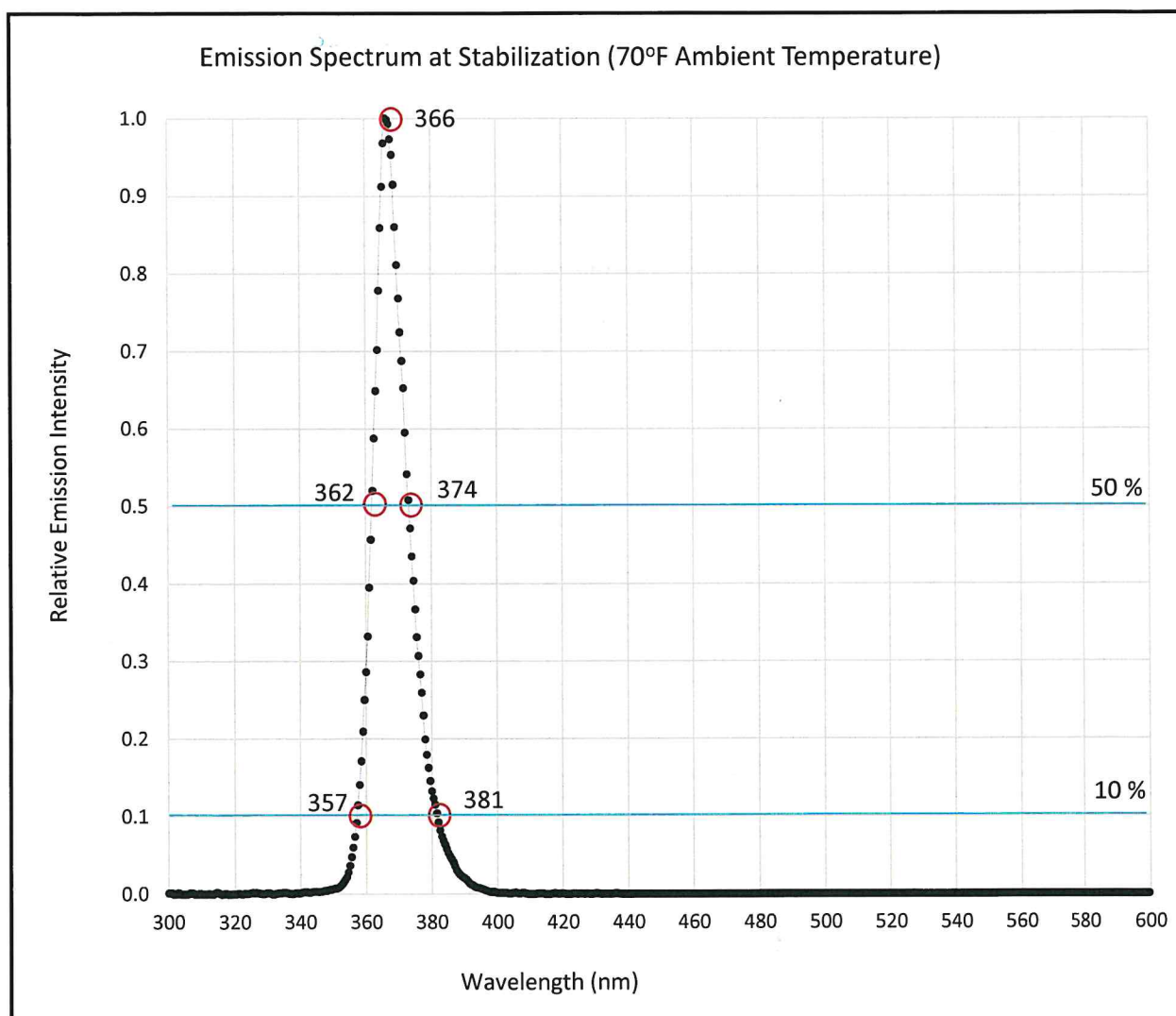


SN# 21032206 Lamp Specific Acceptance Test



Model: Magnum GO	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	366 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	12 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	24 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	374 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	3068 ✓	≥ 2000	$\mu\text{W}/\text{cm}^2$



Inspector: CJT

Date of Certification: 5.7.2021

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

ASTM E3022 ✓

ISO 3059 ✓

RRES 90061 ✓

Emission Spectrum Measured at Stabilization Temperature with Blue-wave UV-25 S/N 18120729, Certificate Number 18120729-UV-CR2

C4 Magnum Series, Certificate of Conformance



	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	365	366	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	12	12	13	≤ 15	nm
Full Width at 10% Maximum	24	24	27	≤ 30	nm
Longest Wavelength at Half Maximum	373	374	376	≤ 377	nm
Visible Emission at 15 in	14	12	9	≤ 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)	3,835	3,068	2,700	$\geq 2,000$	$\mu\text{W}/\text{cm}^2$
Irradiance at Peak Output Wavelength	305	244	205	-	$\mu\text{W}/\text{cm}^2$
Min Working Distance** ($< 5000 \mu\text{W}/\text{cm}^2$)	14	12	11	-	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)

