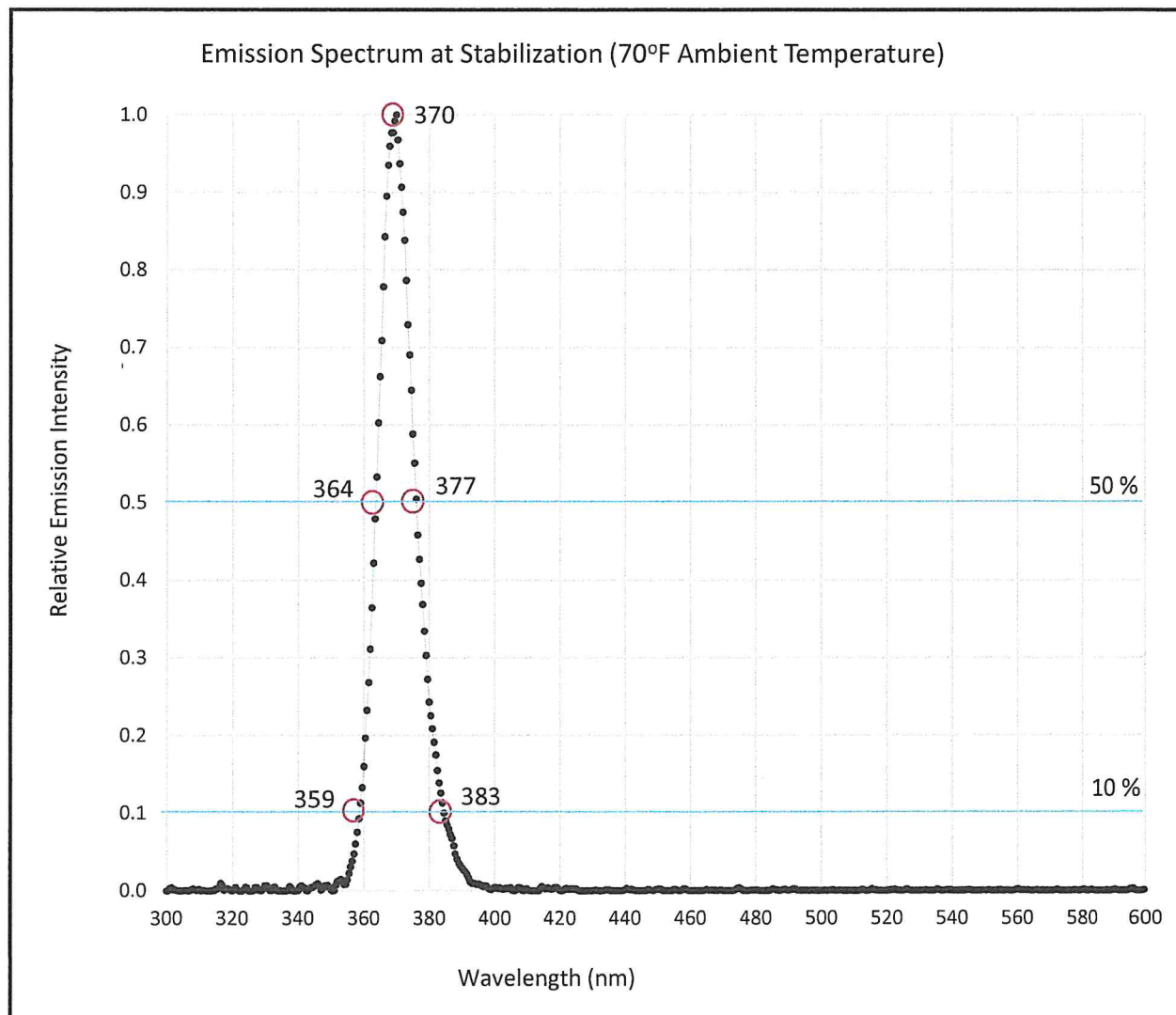


# SN# 290591-01 Lamp Specific Acceptance Test



Model: Magnum Light Pipe, Focused Beam Optic	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	370 ✓	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	377 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	1751 ✓	≥ 2000	μW/cm <sup>2</sup>



Inspector: WDP  
 Date of Certification: 6-19-2024

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# 290591-01	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	369	370	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	13	13	13	≤ 15	nm
Full Width at 10% Maximum	25	25	25	≤ 30	nm
Longest Wavelength at Half Maximum	376	377	377	≤ 377	nm
Visible Emission at 15 in	0.4	0.4	0.4	≤ 2	fc
Visible Emission at 36 in	0.1	0.1	0.1	≤ .5	fc
Irradiated Area at 15 in (>1000 μW/cm <sup>2</sup> )	4	4	4	≥ 3	Inch Diameter
Max Excitation Irradiance (347-382 nm)	1,926	1,751	1,200	≥ 1,200	μW/cm <sup>2</sup>
Irradiance at Peak Output Wavelength	144	131	111	-	μW/cm <sup>2</sup>
Min Working Distance** (< 2 fc)	4	4	4	-	Inches
Max Working Distance** (> 1200 μW/cm <sup>2</sup> )	16	16	15	-	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)

