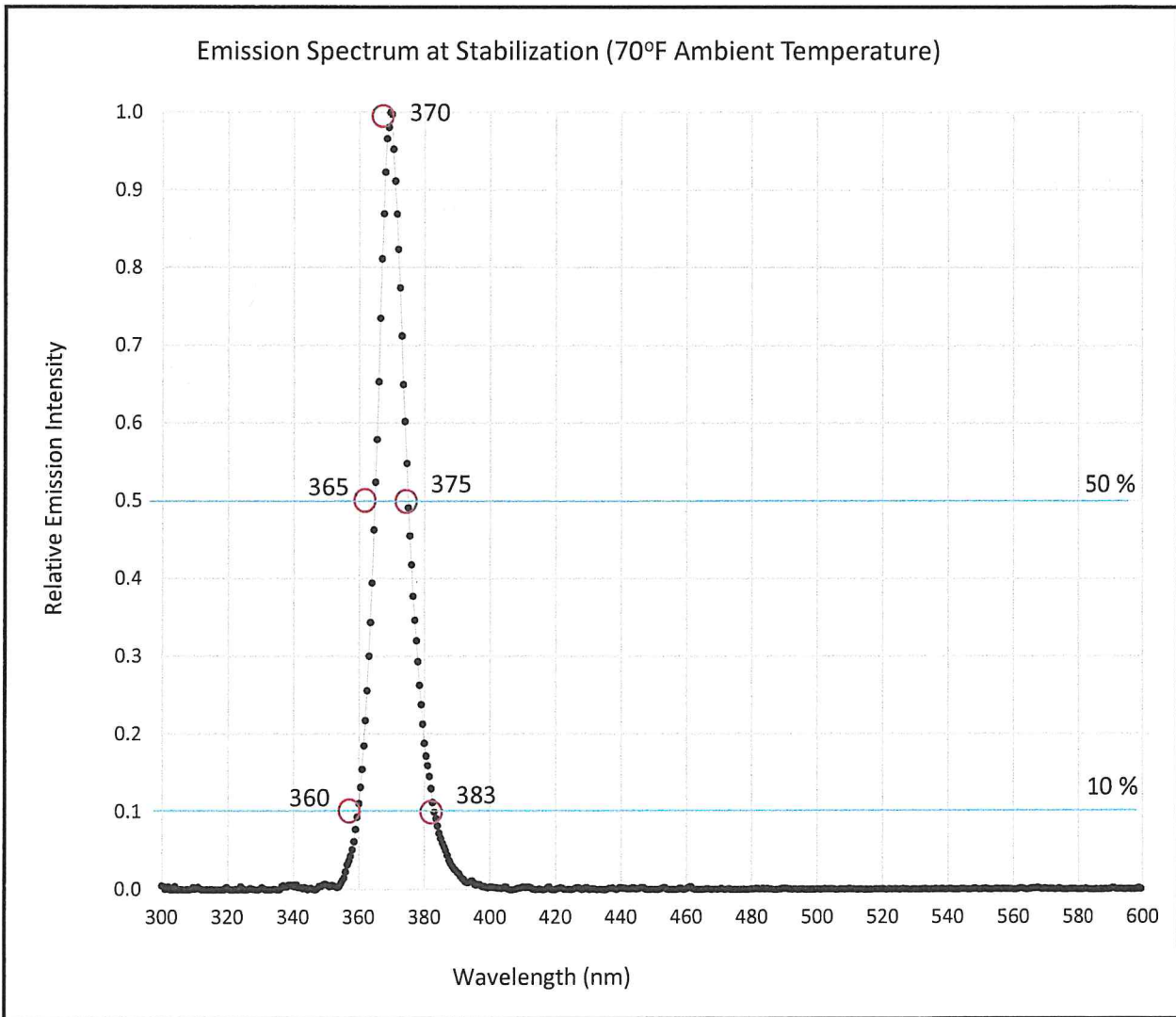


SN# 290590-01 Lamp Specific Acceptance Test



Model: Magnum Light Pipe	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	370 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	11 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	23 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	375 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	2054 ✓	≥ 1000	μW/cm ²



Inspector: REP
 Date of Certification: 6-26-2024

This lamp has been tested to conform to all requirements of:
 ASTM E3022 ✓ ASTM E1417 ✓ ISO 3059 ✓

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# 290590-01	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	369	370	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	11	11	13	≤ 15	nm
Full Width at 10% Maximum	23	23	27	≤ 30	nm
Longest Wavelength at Half Maximum	374	375	377	≤ 377	nm
Visible Emission at 8 in	15	13	7	≤ 20	Lux
Visible Emission at 36 in	2	2	2	≤ 5	Lux
Irradiated Area (>1000 μW/cm ²)	5	4	4	≥ 3	Inch Diameter
Max Excitation Irradiance (347-382 nm)	2,465	2,054	1,600	≥ 1000	μW/cm ²
Irradiance at Peak Output Wavelength	213	177	120	-	μW/cm ²
Min Working Distance (< 5000 μW/cm ²)	5	4	4	-	Inches
Max Working Distance (> 1200 μW/cm ²)	9	8	7	-	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
 All testing was conducted at 8 inches from the sensor unless otherwise noted

