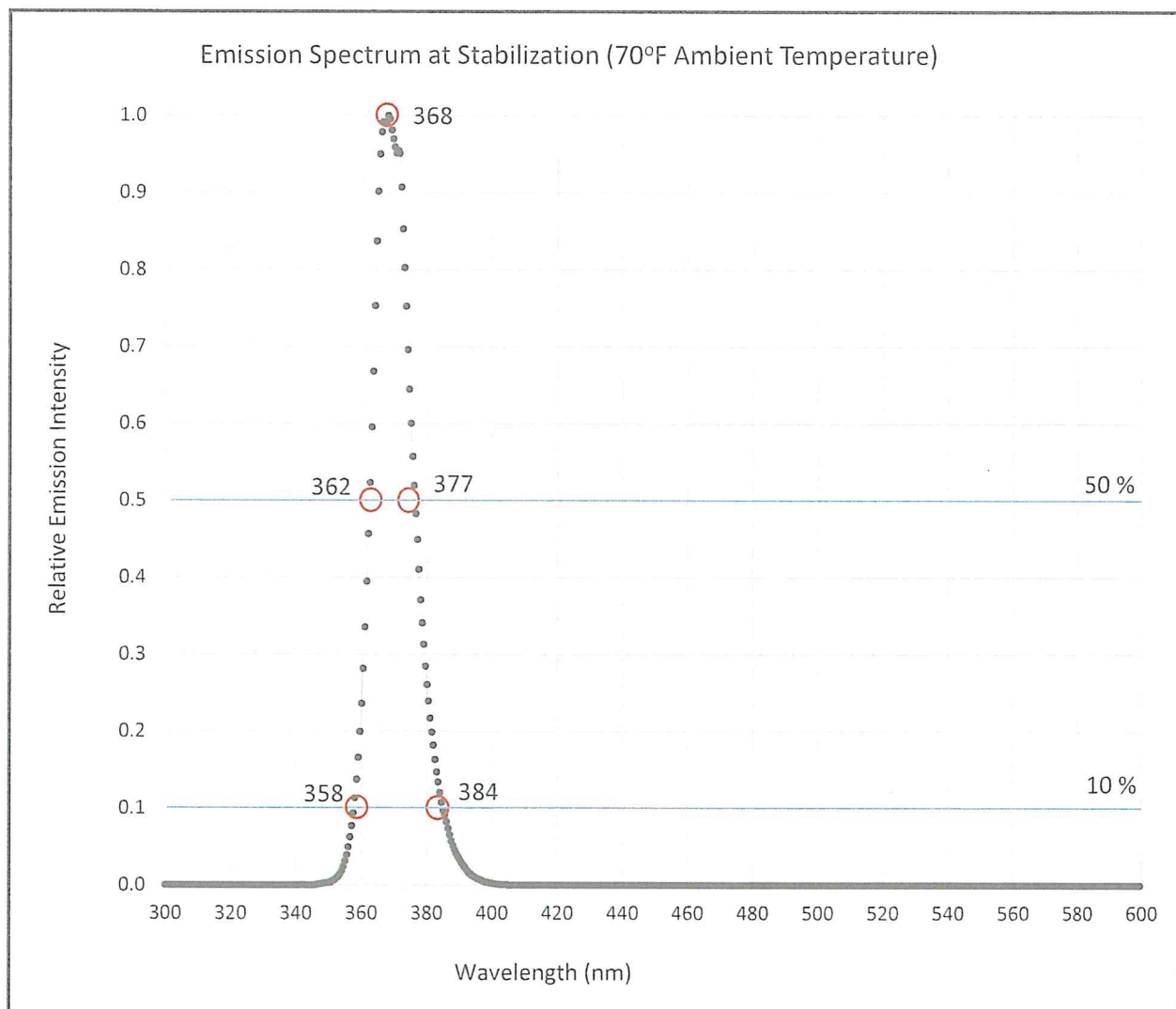


SN# 19031921A Lamp Specific Acceptance Test



Model: Profusion XW	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	368 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	15 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	27 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	377 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	8251 ✓	≥ 7000	μW/cm ²



Inspector CSG

Date of Certification 3-24-2020

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

Profusion XW Series, Certificate of Conformance



	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	15	15	13	≤ 15	nm
Full Width at 10% Maximum	27	27	26	≤ 30	nm
Longest Wavelength at Half Maximum	376	377	376	≤ 377	nm
Visible Emission at 24 in	21	19	15	≤ 20	Lux
Max Excitation Irradiance (347-382 nm)**	9,077	8,251	7,100	$\geq 7,000$	$\mu\text{W}/\text{cm}^2$
Irradiance at Peak Output Wavelength	609	553	495	-	$\mu\text{W}/\text{cm}^2$
Body Stabilization Temp (70°F Ambient)	-	92	-	≤ 120	°F
Current Ripple	9	9	9	≤ 35	mA peak-peak

* Tested in a 120 °F Environment, the maximum ambient temperature where light still meets requirements

** All testing was conducted at 24 inches from sensor

