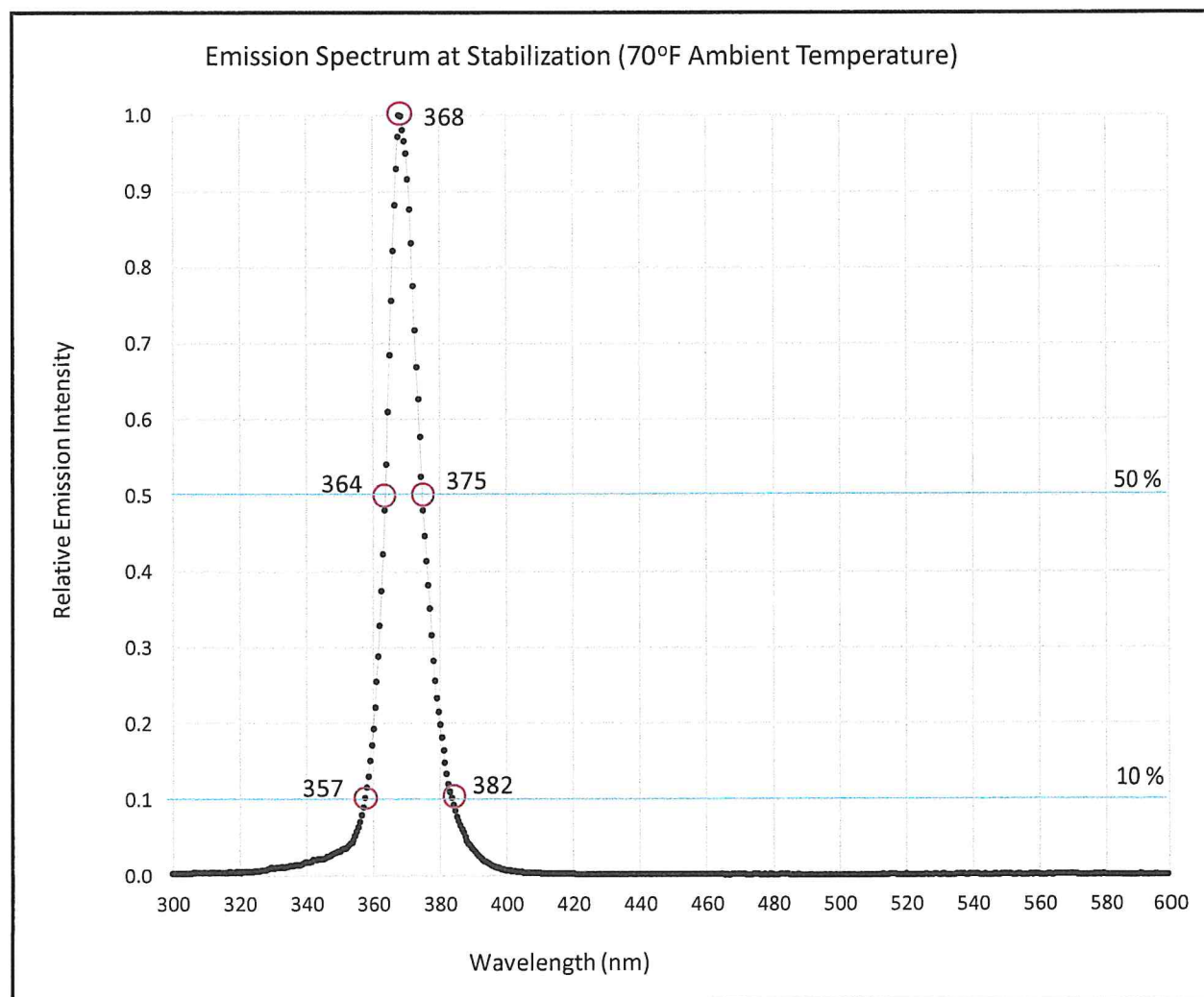




SN# 22050512 Lamp Specific Acceptance Test

Model: UV-4700, Profusion XW	Result	Steady State	Acceptable	Units
Lamp Specific Acceptance Test	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	8,227 ✓	$\geq 7,000$	$\mu\text{W}/\text{cm}^2$



Inspector: MHP
Date of Certification: 10-3-2025

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



Profusion XW Series, Certificate of Conformance



SN# 22050512_profusionxw_recert2	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	12	12	13	≤ 15	nm
Full Width at 10% Maximum	25	25	27	≤ 30	nm
Longest Wavelength at Half Maximum	374	375	376	≤ 377	nm
Visible Emission	20	18	15	≤ 20	Lux
Max Excitation Irradiance (347-382 nm)	9,461	8,227	7,100	≥ 7000	μW/cm ²
Irradiance at Peak Output Wavelength	729	634	520	-	μW/cm ²
Body Stabilization Temp (70°F Ambient)	-	92	-	≤ 120	°F
Current Ripple	9	9	9	≤ 35	mA peak-peak

* Tested in a 115°F Environment, the **maximum ambient temperature where still light meets all requirements**

All testing was conducted at 24 inches from sensor unless otherwise noted

