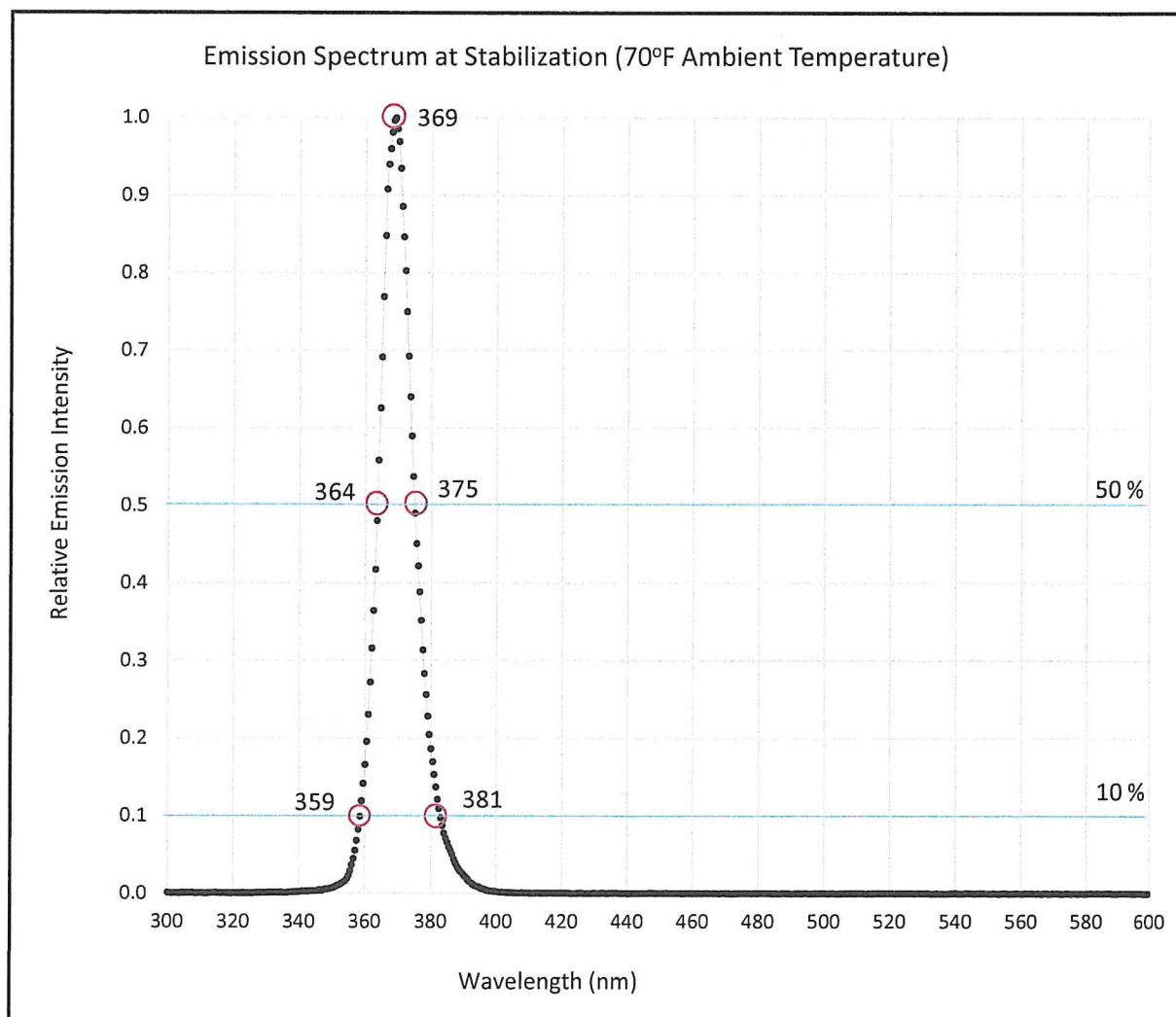


SN# 001509 Lamp Specific Acceptance Test



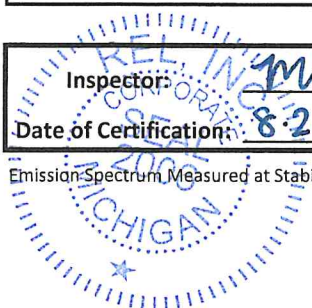
Model: UV-4700, Profusion XW	Result	Steady State	Acceptable	Units
Lamp Specific Acceptance Test	Pass	369 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	12 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	23 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	375 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	7,663 ✓	≥ 7,000	μW/cm ²



Inspector: MUR
 Date of Certification: 8-27-2026

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 26011309, Certificate Number 26011309-UV-CR2-0126



Profusion XW Series, Certificate of Conformance



SN# 001509	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	368	369	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	12	12	13	≤ 15	nm
Full Width at 10% Maximum	23	23	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)	8,812	7,663	7,100	7,000	$\mu\text{W}/\text{cm}^2$
Irradiance at Peak Output Wavelength	694	604	520	-	$\mu\text{W}/\text{cm}^2$
Body Stabilization Temp (70°F Ambient)	-	92	-	≤ 120	°F
Current Ripple	9	9	9	≤ 35	mA peak-peak

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

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

