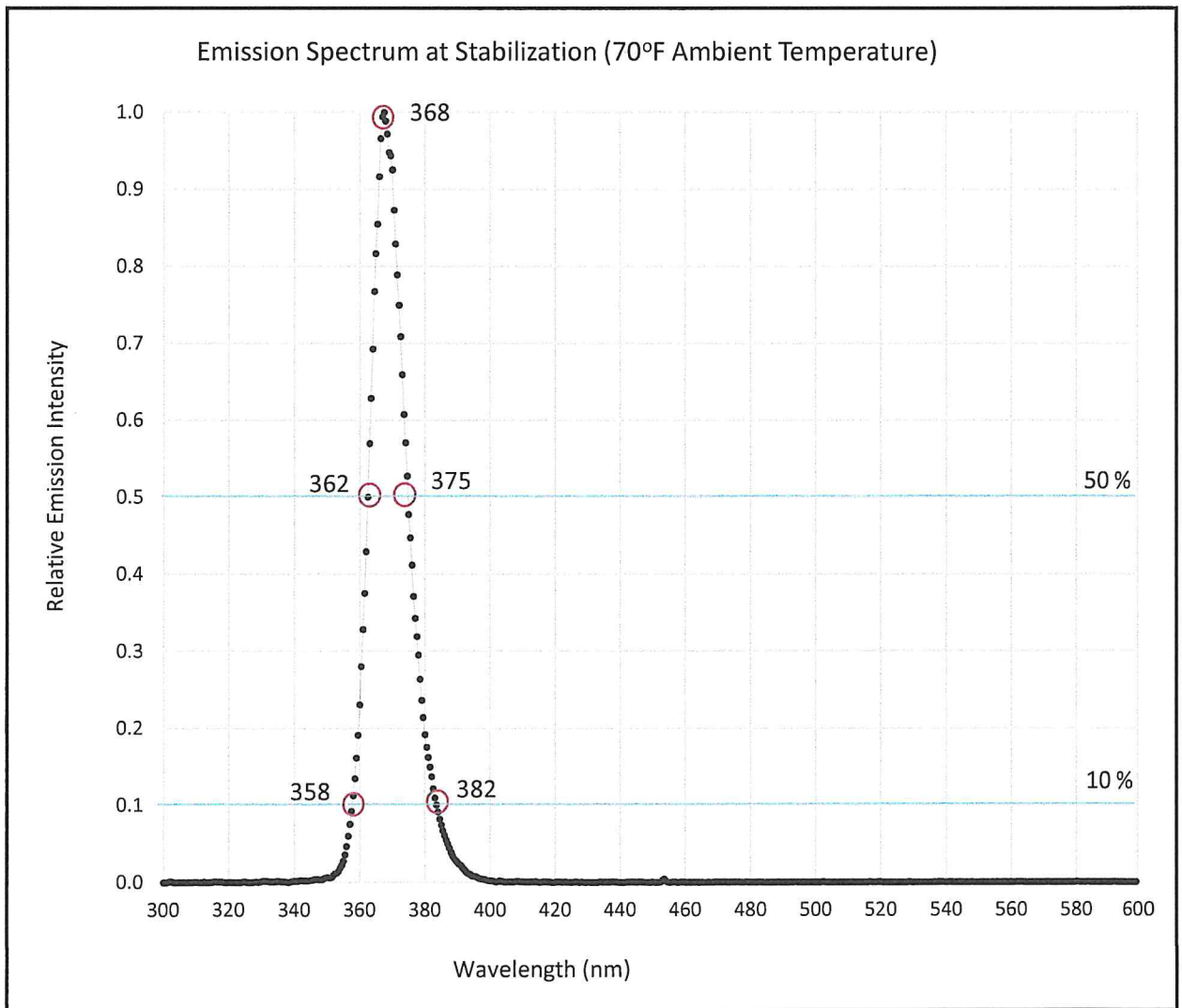




SN# 290588-02 Lamp Specific Acceptance Test

Model: Profusion XW	Result	Steady State	Acceptable	Units
Lamp Specific Acceptance Test	Pass	368 ✓	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	375 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	9,588 ✓	≥ 7,000	μW/cm ²



Inspector: VEP
Date of Certification: 6-13-2024

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

Emission Spectrum Measured at Stabilization Temperature with Blue-wave UV-25 S/N 16060829, Certificate Number 16060829-UV-CR2-1223

Profusion XW Series, Certificate of Conformance



SN# 290588-02	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	13	13	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)	11,027	9,588	7,100	7,000	μW/cm ²
Irradiance at Peak Output Wavelength	825	717	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

