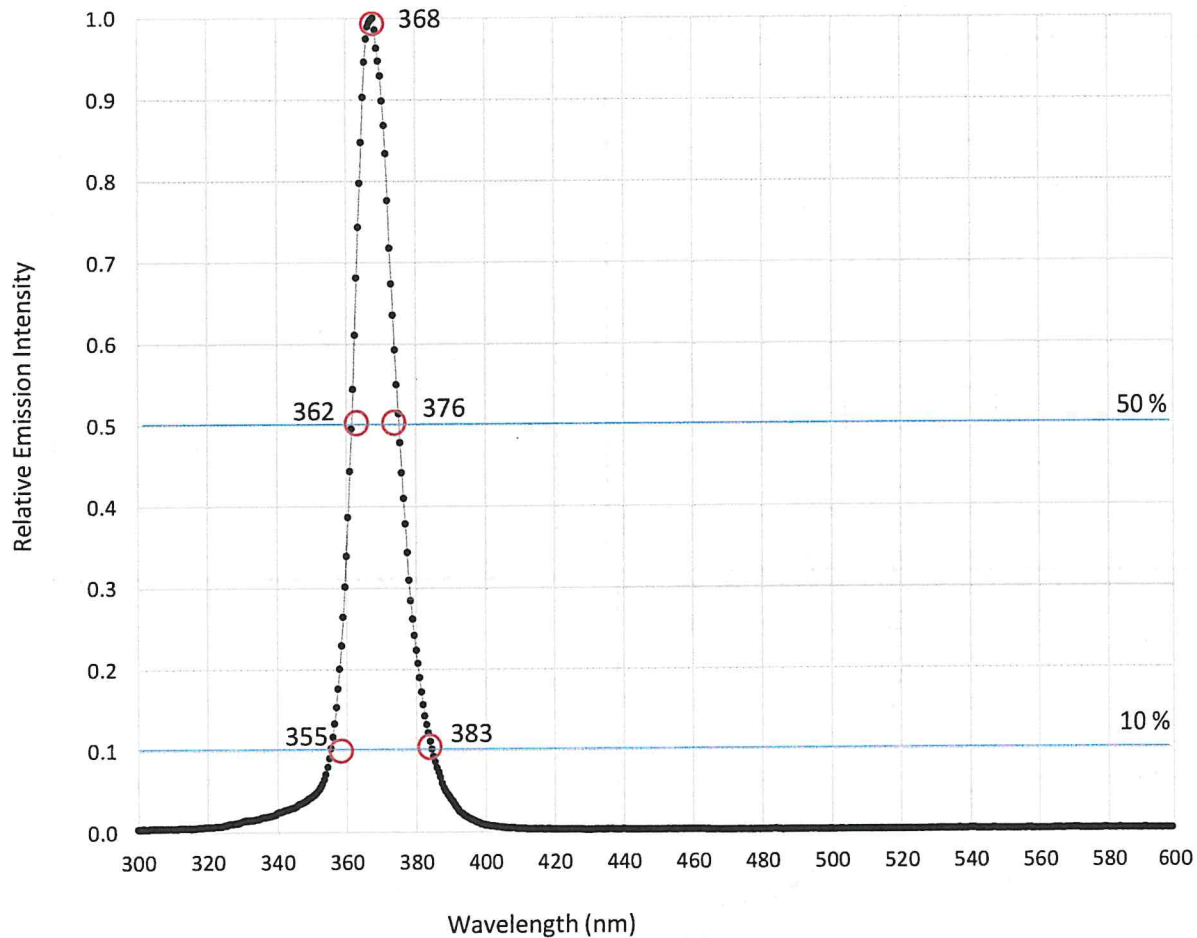


SN# 290588-03 Lamp Specific Acceptance Test



Model: Profusion XW	Result	Steady State	Acceptable	Units
Lamp Specific Acceptance Test	Pass	368 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	14 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	28 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	376 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	10,662 ✓	≥ 7,000	μW/cm ²

Emission Spectrum at Stabilization (70°F Ambient Temperature)



Inspector:

MHP

Date of Certification:

12-13-2024

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# 290588-03	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	14	14	13	≤ 15	nm
Full Width at 10% Maximum	28	28	27	≤ 30	nm
Longest Wavelength at Half Maximum	375	376	376	≤ 377	nm
Visible Emission	20	18	15	≤ 20	Lux
Max Excitation Irradiance (347-382 nm)	12,261	10,662	7,100	7,000	μW/cm ²
Irradiance at Peak Output Wavelength	811	705	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

