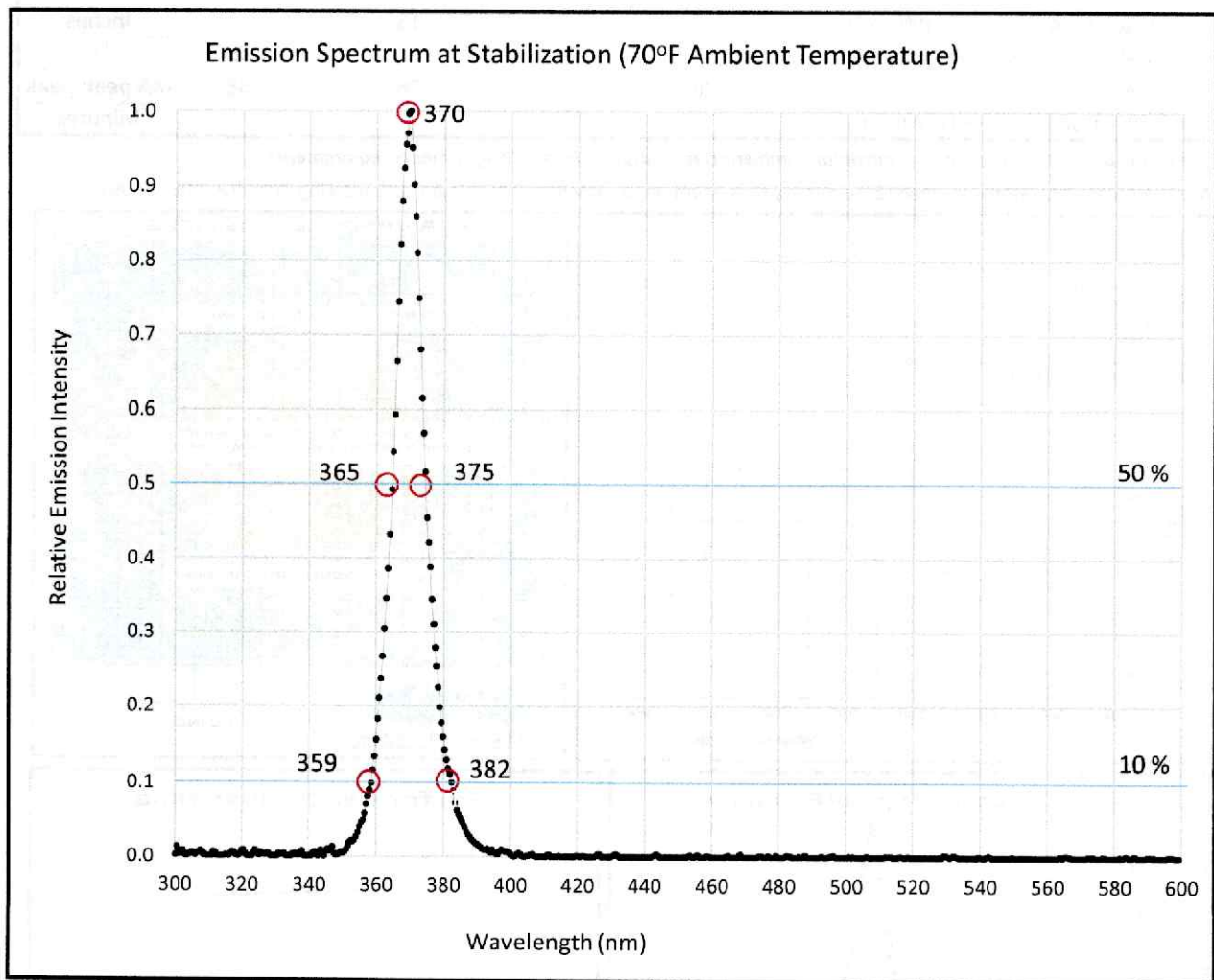




# SN# 290589-03 Lamp Specific Acceptance Test

Model: Nomad-Ascent	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	11	≤ 15	nm
Full Width at 10% Maximum	Pass	24	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	375	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	1432	≥ 1200	μW/cm <sup>2</sup>



Inspector: MHP  
Date of Certification: 8-27-2025

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



# Nomad-Ascent, Certificate of Conformance



SN# 290589-03_nomadascent_recert1	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	369	370	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	11	11	12	≤ 15	nm
Full Width at 10% Maximum	24	24	24	≤ 30	nm
Longest Wavelength at Half Maximum	375	375	375	≤ 377	nm
Visible Emission at 15 in	8	6	5	≤ 20	Lux
Visible Emission at 36 in	2	2	2	≤ 5	Lux
Irradiated Area at 15 in (>1000 μW/cm <sup>2</sup> )	12	8	7	≥ 5	Inch Diameter
Max Excitation Irradiance (347-382 nm)	1,790	1,432	1,200	≥ 1000	μW/cm <sup>2</sup>
Irradiance at Peak Output Wavelength	153	122	102	-	μW/cm <sup>2</sup>
Min Working Distance** (< 5000 μW/cm <sup>2</sup> )	9	8	8	-	Inches
Max Working Distance** (> 1200 μW/cm <sup>2</sup> )	17	16	15	-	Inches
Handle Stabilization Temp (70°F Ambient)	-	120	-	≤ 120	°F
Current Ripple	26	26	26	≤ 58	mA peak-peak
Typical Battery Discharge Time (18Wh Batt)	-	95	-	-	Minutes

\* Tested in a 85°F Environment, the maximum ambient temperature where still light meets requirements

\*\* Nomad-Ascent has tightly grouped LED emitters, thus beam uniformity does not change with working distance (RRES 90061)

