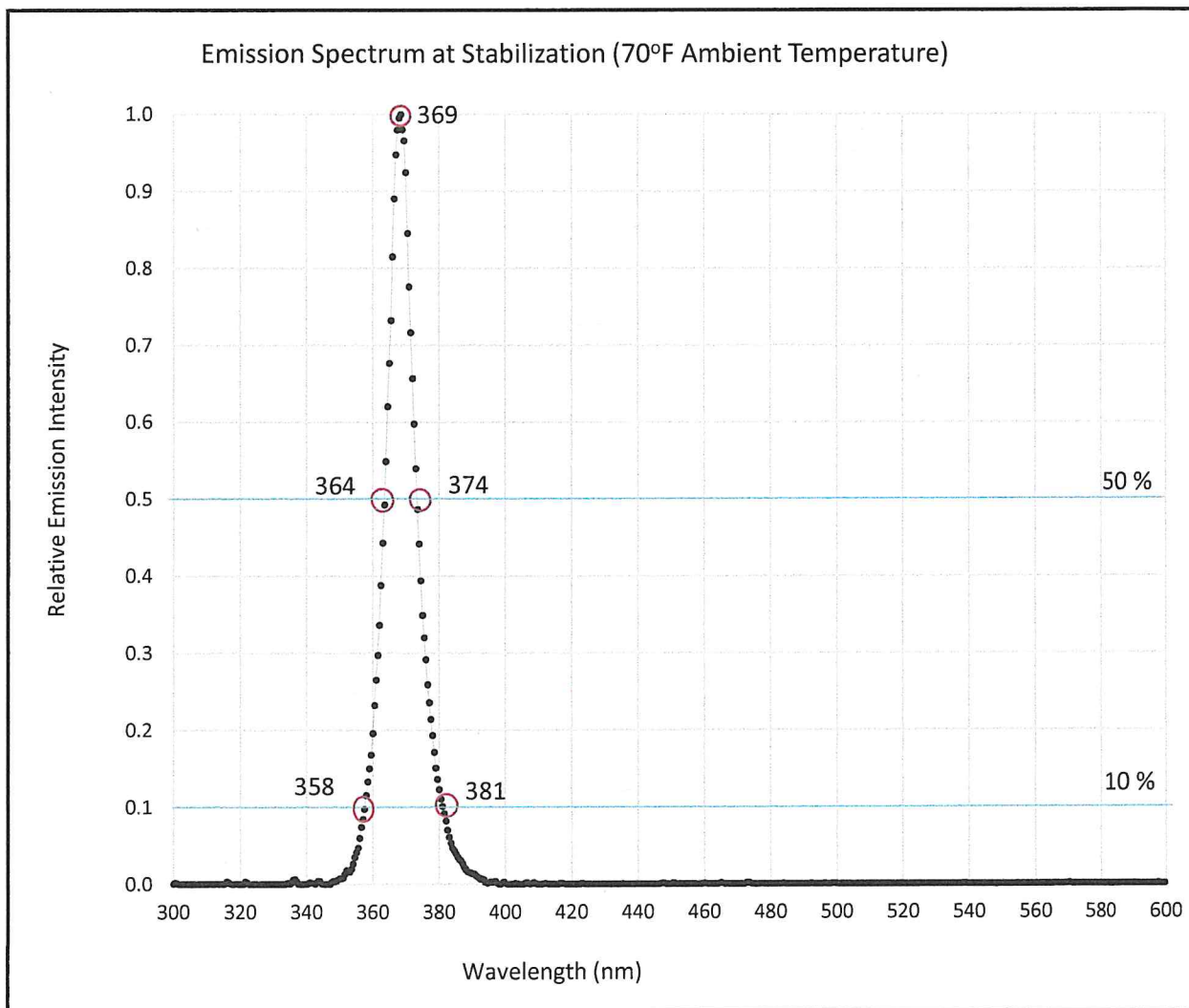




# SN# 290589-01 Lamp Specific Acceptance Test

Model: Nomad-Eclipse	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	369 ✓	365 ± 5	nm
Full Width Half Maximum (FWHM)	Pass	10 ✓	≤ 15	nm
Full Width at 10% Maximum	Pass	23 ✓	≤ 30	nm
Longest Wavelength at Half Maximum	Pass	374 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	2340	≥ 1200	μW/cm <sup>2</sup>



Inspector: WEP  
Date of Certification: 6-26-2024

This lamp has been tested to conform to all requirements of:  
ASTM E3022 ✓ AITM6-1001 ✓ ISO 3059 ✓ RRES 90061 ✓



# Nomad-Eclipse, Certificate of Conformance

SN# 290589-01	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	368	369	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	10	10	12	≤ 15	nm
Full Width at 10% Maximum	23	23	24	≤ 30	nm
Longest Wavelength at Half Maximum	374	374	375	≤ 377	nm
Visible Emission at 12 in	11	10	8	≤ 20	Lux
Visible Emission at 36 in	2	2	2	≤ 5	Lux
Irradiated Area at 12 in (>1000 μW/cm <sup>2</sup> )	12	10	9	≥ 5	Inch Diameter
Max Excitation Irradiance (347-382 nm)	2,925	2,340	1,400	≥ 1200	μW/cm <sup>2</sup>
Irradiance at Peak Output Wavelength	252	202	120	-	μW/cm <sup>2</sup>
Min Working Distance** (< 5000 μW/cm <sup>2</sup> )	7	7	6	-	Inches
Max Working Distance** (> 1200 μW/cm <sup>2</sup> )	15	14	13	-	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-Eclipse has tightly grouped LED emitters, thus beam uniformity does not change with working distance (RRES 90061)

