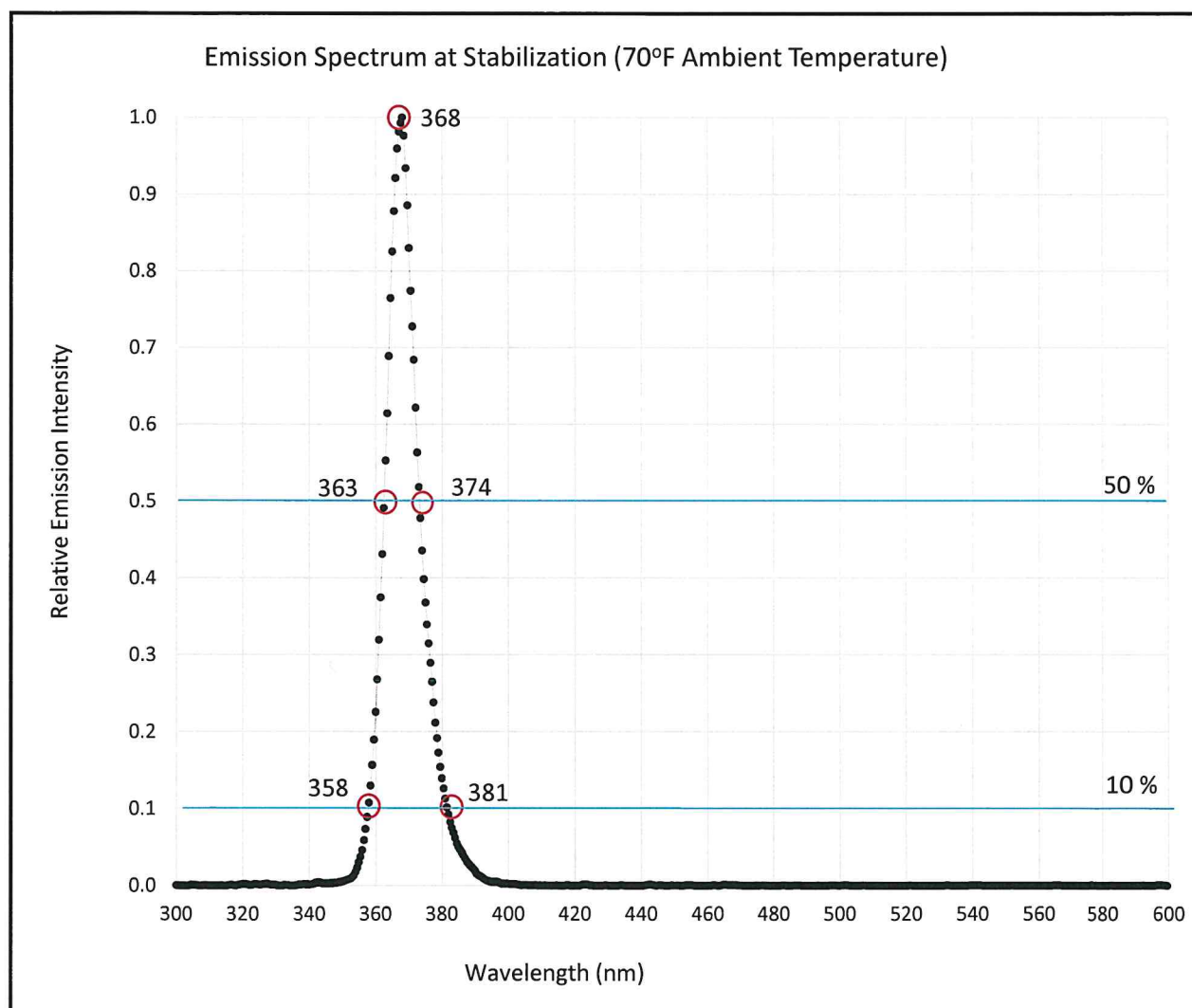


SN# 20041657 Lamp Specific Acceptance Test



Model: Nomad	Result	Steady State	Acceptable	Units
Peak Output Wavelength	Pass	368 ✓	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	374 ✓	≤ 377	nm
Max Excitation Irradiance (347-382 nm)	Pass	3194 ✓	≥ 2000	μW/cm ²



Inspector: CJV
 Date of Certification: 1-27-2021

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

Emission Spectrum Measured at Stabilization Temperature with Blue-wave UV-25 S/N 18120729, Certificate Number 18120729-UV-CR2

C4 Nomad Series, Certificate of Conformance



	Switch On	Steady State	Elevated Temp*	Acceptable	Units
Peak Output Wavelength	367	368	370	365 ± 5	nm
Full Width Half Maximum (FWHM)	11	11	13	≤ 15	nm
Full Width at 10% Maximum	24	24	26	≤ 30	nm
Longest Wavelength at Half Maximum	373	374	377	≤ 377	nm
Visible Emission at 15 in	15	13	9	≤ 20	Lux
Visible Emission at 36 in	3	3	3	≤ 5	Lux
Irradiated Area at 15 in ($>1000 \mu\text{W}/\text{cm}^2$)	11	10	9	≥ 5	Inch Diameter
Max Excitation Irradiance (347-382 nm)	3,992	3,194	2,350	≥ 2000	$\mu\text{W}/\text{cm}^2$
Irradiance at Peak Output Wavelength	329	263	175	-	$\mu\text{W}/\text{cm}^2$
Min Working Distance** ($< 5000 \mu\text{W}/\text{cm}^2$)	13	11	10	-	Inches
Max Working Distance** ($> 1200 \mu\text{W}/\text{cm}^2$)	25	21	19	-	Inches
Body Stabilization Temp (70°F Ambient)	-	116	-	≤ 120	°F
Current Ripple	9	9	9	≤ 35	mA peak-peak
Typical Battery Discharge Time (36Wh Batt)	-	150	-		Minutes

* Tested in a 110° F Environment, the **maximum ambient temperature where still light meets requirements**

** C4 Nomad series lights use a single LED emitter, thus beam uniformity does not change with working distance (RRES 90061)

