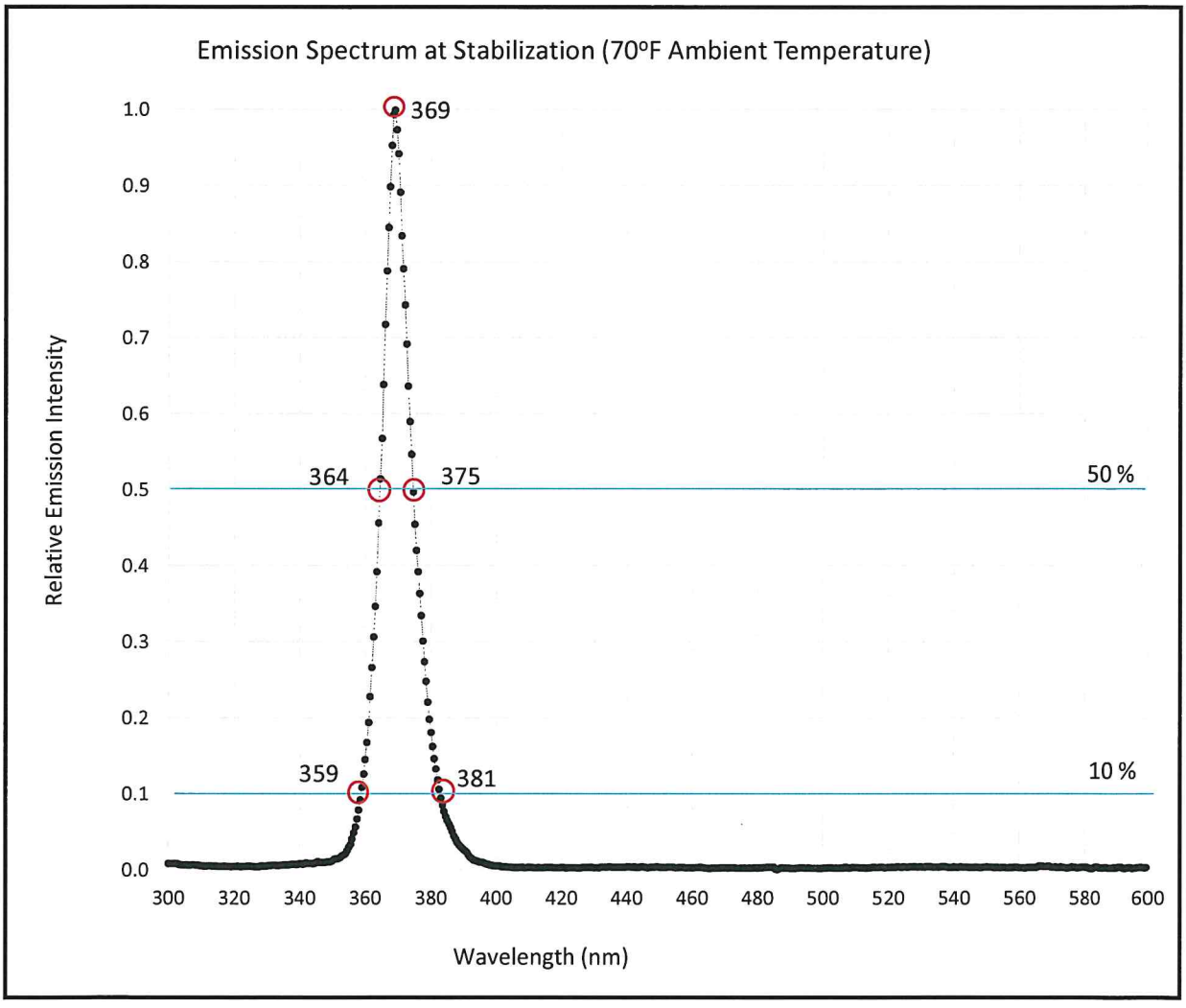
# SN# 002389 Lamp Specific Acceptance Test

| Model: UV-3400, Nomad-GO | Result | Steady State | Acceptable | Units |
|---|---|---|---|---|
| Peak Output Wavelength | Pass | 369 | 365 ± 5 | nm |
| Full Width Half Maximum (FWHM) | Pass | 11 | ≤ 15 | nm |
| Full Width at 10% Maximum | Pass | 23 | ≤ 30 | nm |
| Longest Wavelength at Half Maximum | Pass | 375 | ≤ 377 | nm |
| Max Excitation Irradiance (347-382 nm) | Pass | 3693 | ≥ 2000 | $\mu W/cm^2$ |




**Inspector:** GR

**Date of Certification:** 10-22-2026

**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 26011309, Certificate Number 26011309-UV-CR2-0126

REL CORPORATION SEAL 2006 MICHIGAN

# C4 Nomad Series, Certificate of Conformance

| SN# 002389 | Switch On | Steady State | Elevated Temp* | Acceptable | Units |
|---|---|---|---|---|---|
| Peak Output Wavelength | 368 | 369 | 370 | 365 ± 5 | **nm** |
| Full Width Half Maximum (FWHM) | 11 | 11 | 13 | ≤ 15 | **nm** |
| Full Width at 10% Maximum | 23 | 23 | 26 | ≤ 30 | **nm** |
| Longest Wavelength at Half Maximum | 374 | 375 | 376 | ≤ 377 | **nm** |
| Visible Emission at 15 in | 9 | 8 | 8 | ≤ 20 | **Lux** |
| Visible Emission at 36 in | 3 | 3 | 3 | ≤ 5 | **Lux** |
| Irradiated Area at 15 in (>1000 µW/cm$^2$) | 11 | 10 | 9 | ≥ 5 | **Inch Diameter** |
| Max Excitation Irradiance (347-382 nm) | 3,878 | 3,693 | 2,400 | ≥ 2000 | **µW/cm$^2$** |
| Irradiance at Peak Output Wavelength | 330 | 315 | 185 | - | **µW/cm$^2$** |
| Min Working Distance** ( < 5000 µW/cm$^2$) | 13 | 11 | 10 | - | **Inches** |
| Max Working Distance** ( > 1200 µW/cm$^2$) | 27 | 23 | 21 | - | **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 light still meets all requirements***

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

