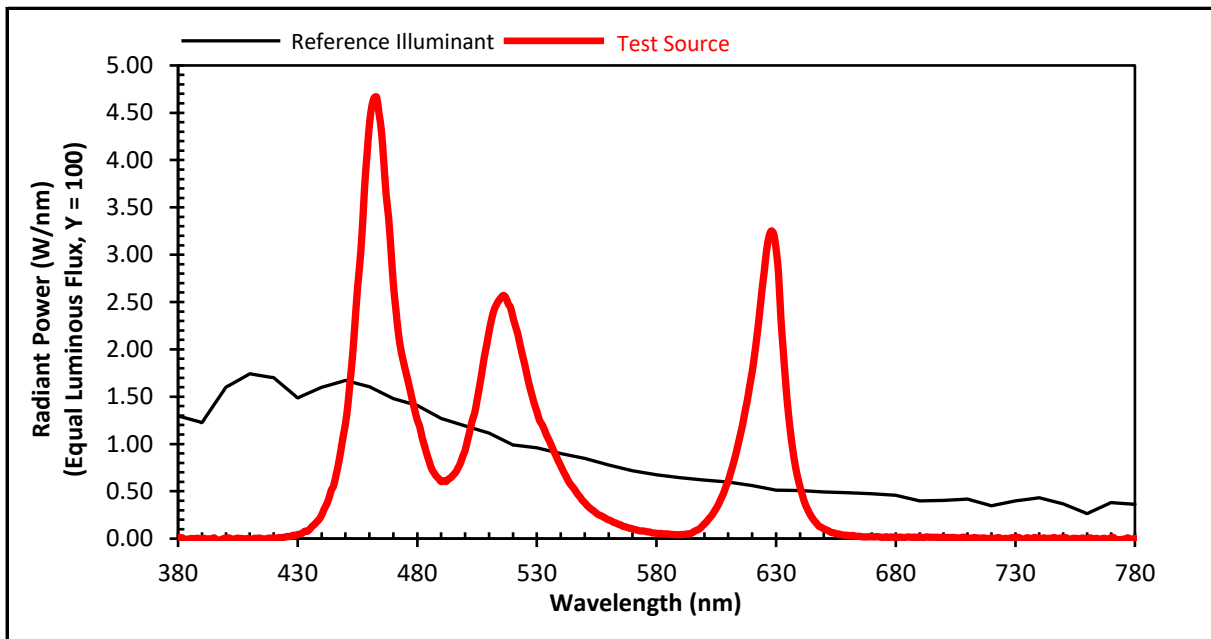


Photometric Measurement Report

Measured via Labsphere's Integral™ Light Measurement Platform

| | | |
|-------------|--|-------------------------|
| Product | AL-NF-1616-24-RGB Element Neon TopFlex RGB | 3/7/25 1:54 PM |
| Description | Top Bending Neon - RGB (R+G+B ONLY) | Integration Time 114.60 |
| Notes | 1 meter | Scans Averaged 3 |
| Scan ID | 153 Test by EV | Saturation 84.36% |
| | | Sphere Geometry 2pi |



| CCT (K) | Lumens | Watts | Volts (DC) | Amps | Efficacy |
|---------|--------|-------|------------|------|----------|
| 20141 K | 382.32 | 10.16 | 24.00 | 0.42 | 37.62 |

| CIE 1931 | | | CIE 1960 | | CIE 1976 | |
|----------|------|------|----------|------|----------|------|
| x | y | Y | u | v | u' | v' |
| 0.25 | 0.27 | 0.56 | 0.17 | 0.28 | 0.17 | 0.42 |

| CRI (Ra) | | 47.01 | | | |
|----------|----|-------|------|-----|----|
| R1 | 30 | R6 | 54 | R11 | 33 |
| R2 | 60 | R7 | 57 | R12 | 62 |
| R3 | 70 | R8 | 4 | R13 | 34 |
| R4 | 48 | R9 | -192 | R14 | 78 |
| R5 | 52 | R10 | 0 | R15 | 12 |

| CQS (Qa) | | | | 51.66 | |
|----------|----|------|----|-------|----|
| VS1 | 60 | VS6 | 89 | VS11 | 14 |
| VS2 | 67 | VS7 | 75 | VS12 | 16 |
| VS3 | 69 | VS8 | 67 | VS13 | 37 |
| VS4 | 55 | VS9 | 63 | VS14 | 73 |
| VS5 | 78 | VS10 | 38 | VS15 | 57 |

Individual Color Details

| Red | | | | |
|--------|------------------------|------------|----------------------|----------|
| Lumens | Watts | Volts (DC) | Amps | Efficacy |
| 92.48 | 3.39 | 24.00 | 0.14 | 27.28 |
| FWHM | Center Wavelength (nm) | | Peak Wavelength (nm) | |
| 14.76 | 626.06 | | 627.40 | |

| Green | | | | |
|--------|------------------------|------------|----------------------|----------|
| Lumens | Watts | Volts (DC) | Amps | Efficacy |
| 251.99 | 3.50 | 24.00 | 0.15 | 72.03 |
| FWHM | Center Wavelength (nm) | | Peak Wavelength (nm) | |
| 26.39 | 517.55 | | 515.79 | |

| Blue | | | | |
|--------|------------------------|------------|----------------------|----------|
| Lumens | Watts | Volts (DC) | Amps | Efficacy |
| 47.54 | 3.45 | 24.00 | 0.14 | 13.78 |
| FWHM | Center Wavelength (nm) | | Peak Wavelength (nm) | |
| 16.99 | 462.81 | | 462.32 | |