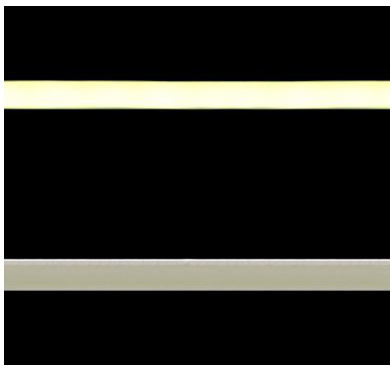


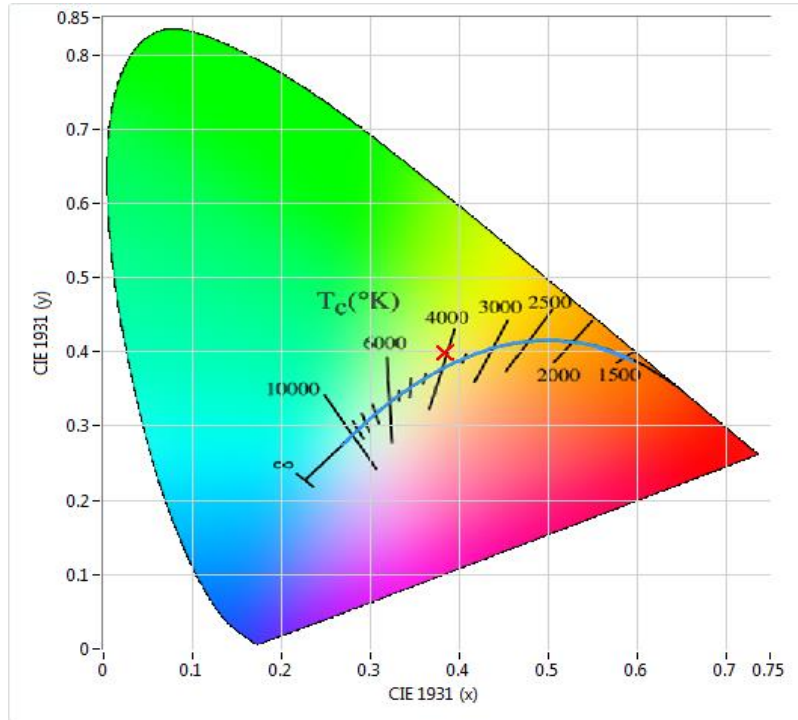
Integrating Sphere Test Report

Waterproof Neutral White LED Neon, by the 20m Reel

LN-NW-20



LN-NW-20

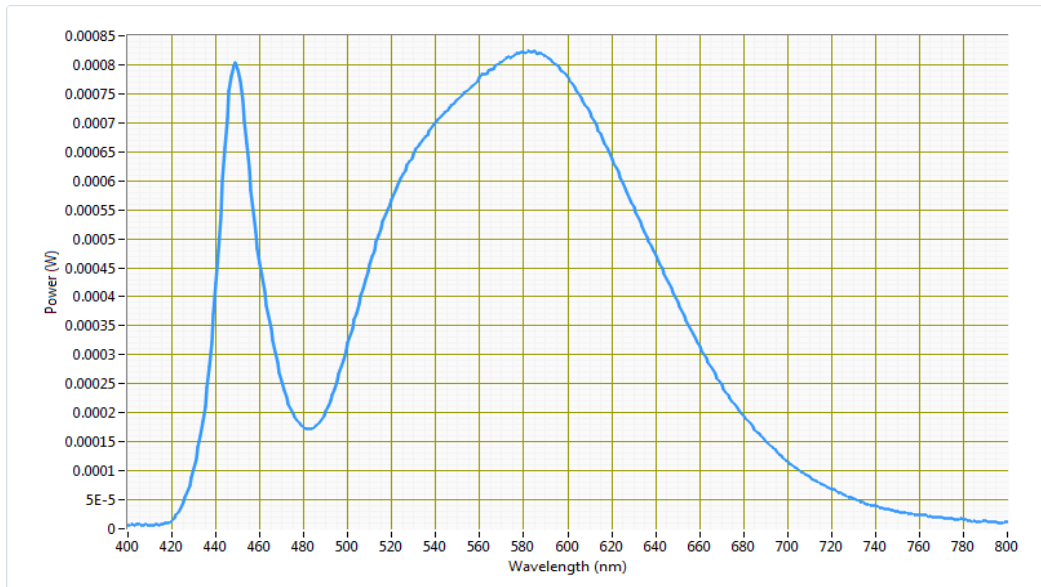


Photometric Test Results

Total Radiant Flux* (W): 0.140306	R1: 71.06435
Total Luminous Flux* (lm): 48.65204	R2: 80.40974
CIE 1931 Tristimulus x: 0.383482	R3: 89.1061
CIE 1931 Tristimulus y: 0.399011	R4: 74.25932
CIE 1931 Tristimulus Y: 0.071233	R5: 70.71402
CIE 1976 Chroma u': 0.218472	R6: 72.77599
CIE 1976 Chroma v': 0.511468	R7: 85.6493
Color Temperature (CCT K): 4074	R8: 57.31366
Duv: 0.009207	R9: -18.8425
CQS: 77.756336	R10: 54.33682
CRI: 75.16156	R11: 70.21193
	R12: 42.89793
	R13: 72.611
	R14: 93.86709

*Total radiant and luminous flux are per test length, listed on page 2, not characteristic of the entire reel.

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 585
Center Wavelength (nm): 577
Full Width (nm): 140
Centroid Wavelength (nm): 566.5318
Voltage (V): 24

Date of Test: 5/8/14

Length of Test Sample: 150mm

Measurement Geometry: 2pi

Environmental Lights

888-880-1800