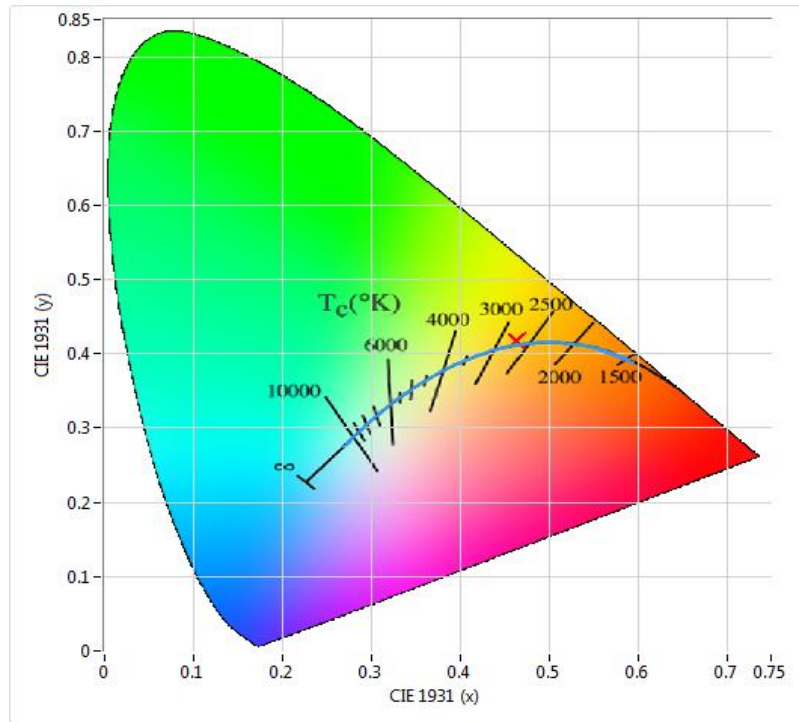


Integrating Sphere Test Report

Waterproof Warm White 5050 LED Super Flat Rope, 60/m, with White Finish, by the 20m Reel
SFR-WW-W-20



SFR-WW-W-20

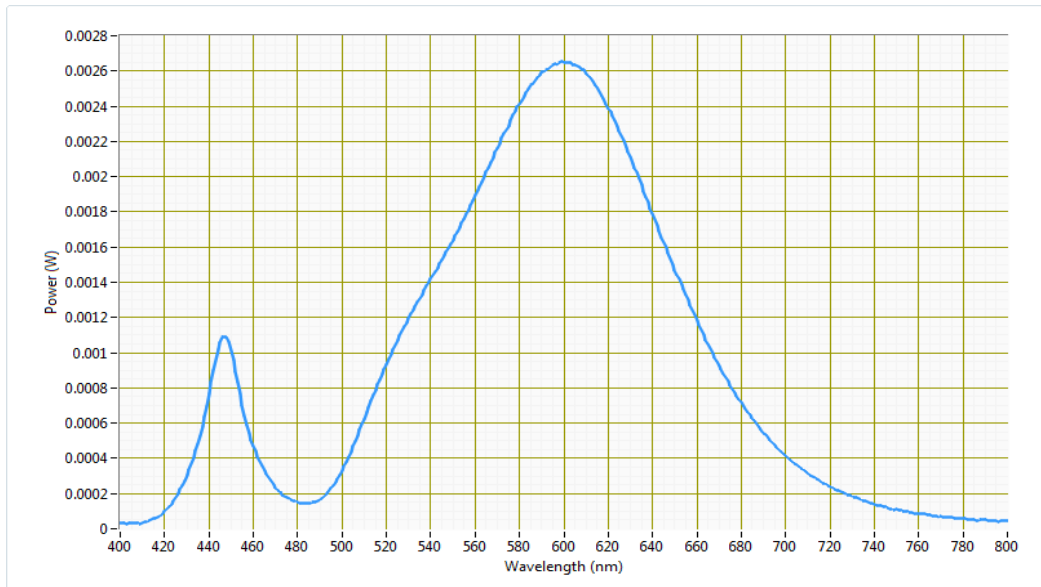


Photometric Test Results

Total Radiant Flux* (W): 0.366118	R1: 67.81039
Total Luminous Flux* (lm): 124.9568	R2: 80.28773
CIE 1931 Tristimulus x: 0.462456	R3: 91.35017
CIE 1931 Tristimulus y: 0.416939	R4: 67.43153
CIE 1931 Tristimulus Y: 0.182953	R5: 65.32972
CIE 1976 Chroma u': 0.261336	R6: 71.45583
CIE 1976 Chroma v': 0.53013	R7: 79.33115
Color Temperature (CCT K): 2713	R8: 46.081
Duv: 0.002104	R9: -24.3321
CQS: 71.52534	R10: 54.00802
CRI: 71.13469	R11: 60.56393
	R12: 42.30212
	R13: 69.52868
	R14: 94.5887

*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): 599
Center Wavelength (nm): 595.5
Full Width (nm): 119
Centroid Wavelength (nm): 590.4185
Voltage (V): 24

Date of Test: 5/6/14

Length of Test Sample: 150mm

Measurement Geometry: 2pi

Environmental Lights

888-880-1800