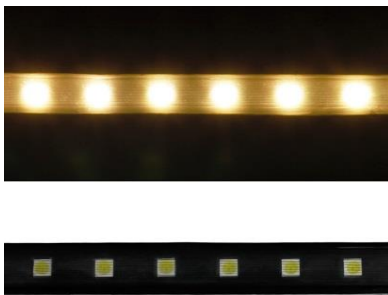
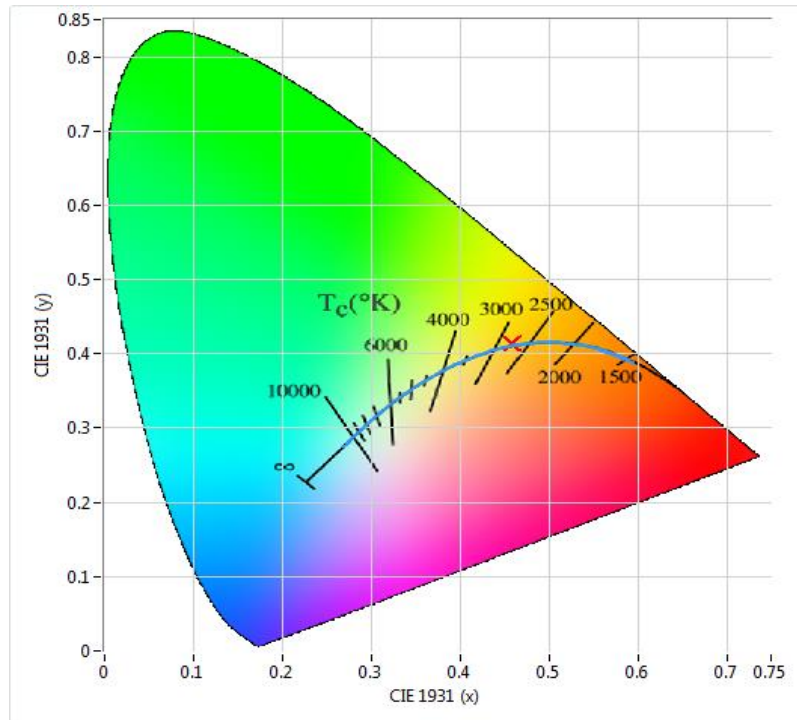


Integrating Sphere Test Report

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



SFR-WW-B-20

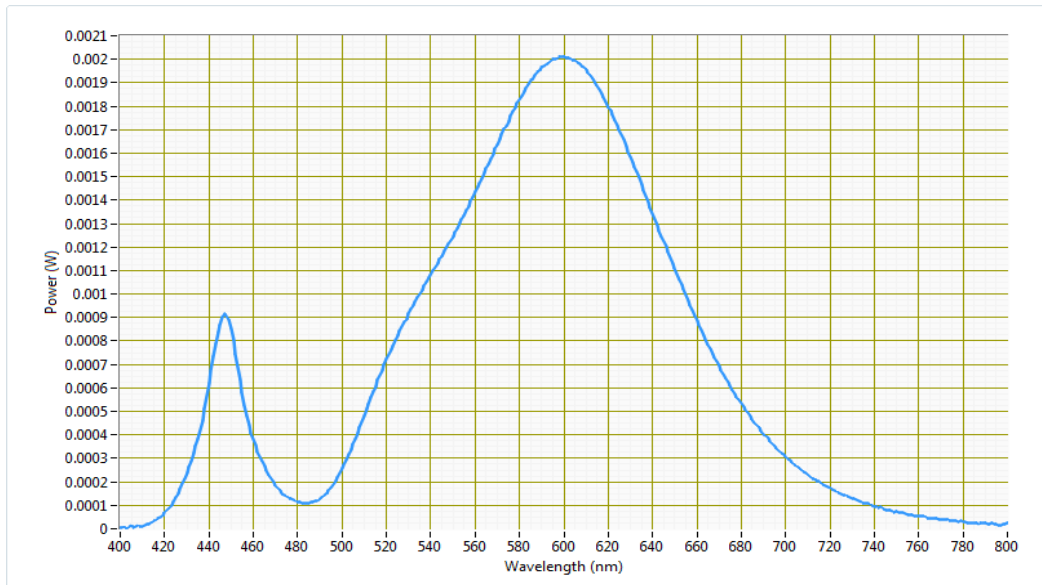


Photometric Test Results

Total Radiant Flux* (W): 0.276685	R1: 68.10252
Total Luminous Flux* (lm): 94.85836	R2: 80.50439
CIE 1931 Tristimulus x: 0.458858	R3: 91.29588
CIE 1931 Tristimulus y: 0.413852	R4: 67.60971
CIE 1931 Tristimulus Y: 0.138885	R5: 65.71827
CIE 1976 Chroma u': 0.2604	R6: 71.77819
CIE 1976 Chroma v': 0.528433	R7: 79.12327
Color Temperature (CCT K): 2740	R8: 46.25128
Duv: 0.001286	R9: -24.0501
CQS: 71.426135	R10: 54.42683
CRI: 71.29794	R11: 60.9561
	R12: 42.88175
	R13: 69.86875
	R14: 94.58324

*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): 588.1221

Voltage (V): 24

Date of Test: 5/7/14

Length of Test Sample: 150mm

Measurement Geometry: 2pi

Environmental Lights

888-880-1800