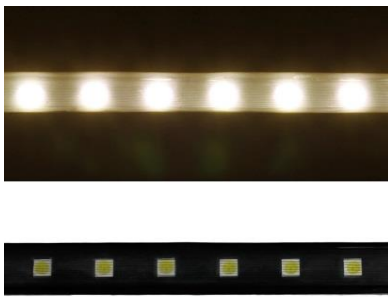
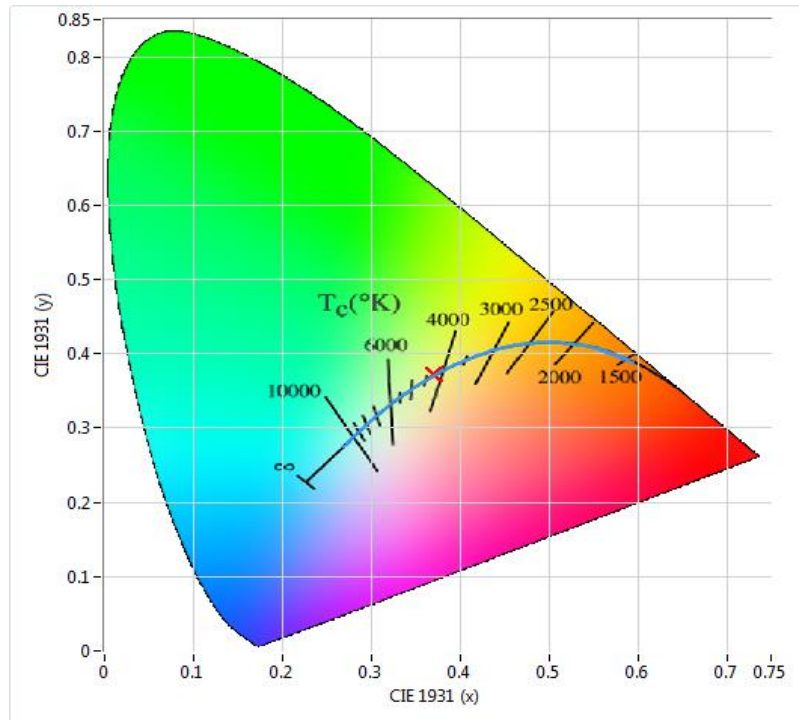


## Integrating Sphere Test Report

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



SFR-NW-B-20

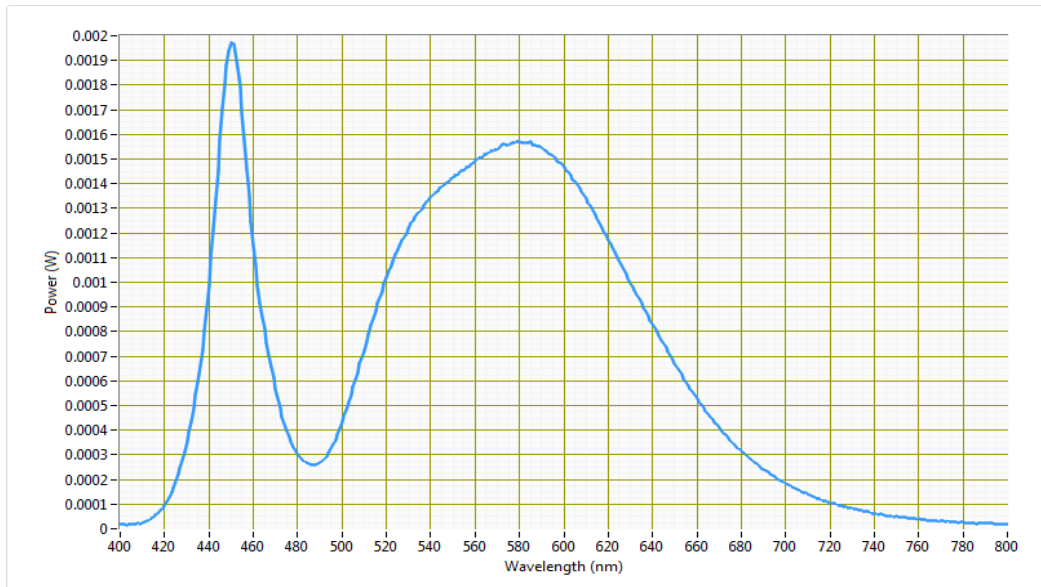


### Photometric Test Results

Total Radiant Flux* (W): 0.268088	R1: 70.60177
Total Luminous Flux* (lm): 91.2875	R2: 79.44553
CIE 1931 Tristimulus x: 0.369297	R3: 84.90406
CIE 1931 Tristimulus y: 0.373181	R4: 72.08131
CIE 1931 Tristimulus Y: 0.133657	R5: 69.76509
CIE 1976 Chroma u': 0.219181	R6: 69.85874
CIE 1976 Chroma v': 0.498344	R7: 83.17365
Color Temperature (CCT K): 4294	R8: 56.6925
Duv: 0.001761	R9: -21.5895
CQS: 73.07936	R10: 49.6218
CRI: 73.31533	R11: 66.65726
	R12: 39.32872
	R13: 72.09831
	R14: 91.25583

\*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): 450  
Center Wavelength (nm): 451  
Full Width (nm): 22  
Centroid Wavelength (nm): 559.5821  
Voltage (V): 24

Date of Test: 5/7/14

Length of Test Sample: 150mm

Measurement Geometry: 2pi

**Environmental Lights**

**888-880-1800**