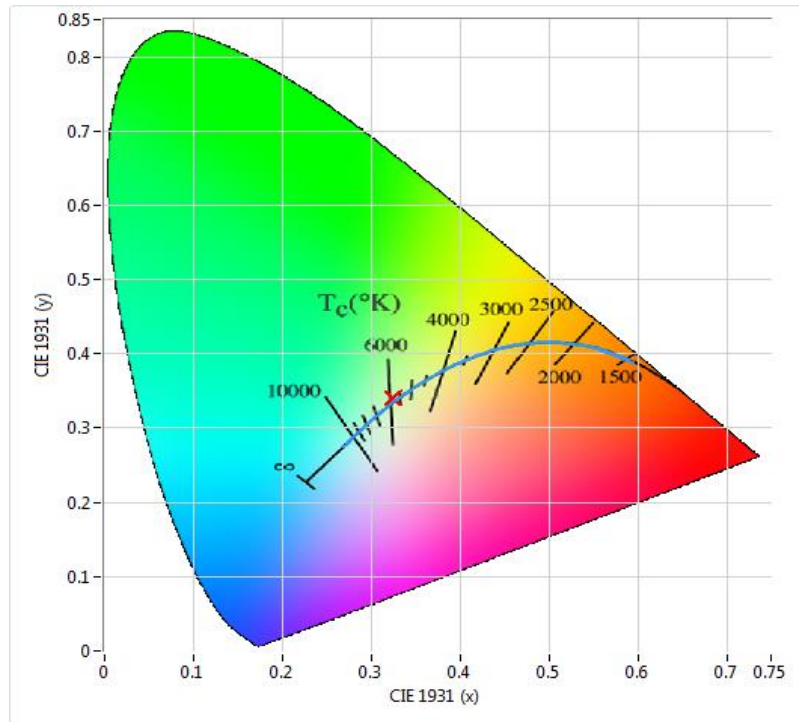


## Integrating Sphere Test Report

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



SFR-DW-B-20

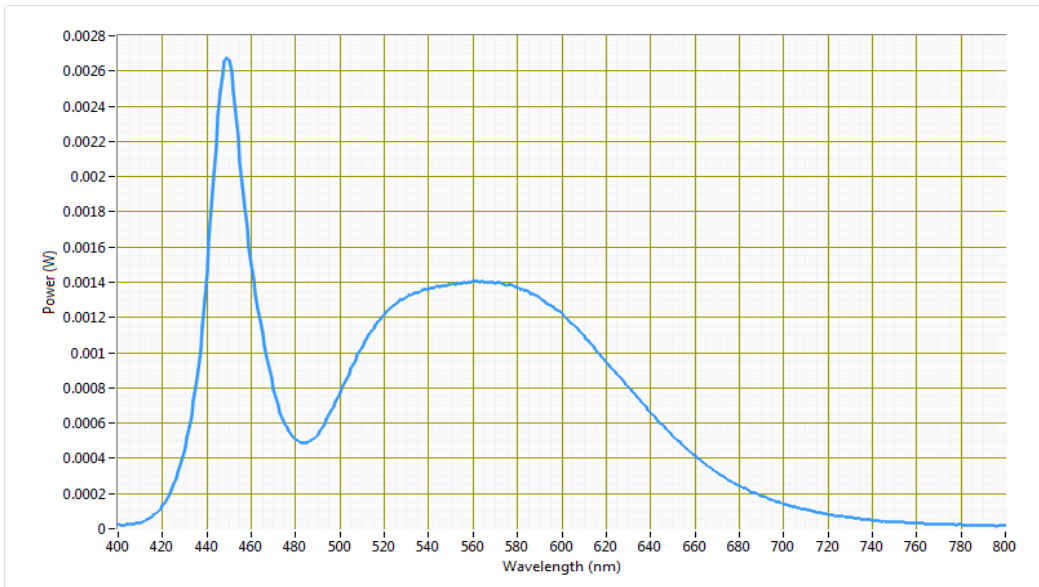


### Photometric Test Results

Total Radiant Flux* (W): 0.27719	R1: 76.16061
Total Luminous Flux* (lm): 88.48293	R2: 82.42106
CIE 1931 Tristimulus x: 0.323594	R3: 86.23681
CIE 1931 Tristimulus y: 0.341093	R4: 79.00607
CIE 1931 Tristimulus Y: 0.12955	R5: 77.13804
CIE 1976 Chroma u': 0.200805	R6: 75.70854
CIE 1976 Chroma v': 0.476244	R7: 85.52534
Color Temperature (CCT K): 5901	R8: 65.11013
Duv: 0.004069	R9: -8.67877
CQS: 77.331761	R10: 57.67472
CRI: 78.41332	R11: 77.24865
	R12: 51.91797
	R13: 77.42727
	R14: 92.44572

\*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): 449  
Center Wavelength (nm): 450.5  
Full Width (nm): 23  
Centroid Wavelength (nm): 543.2028  
Voltage (V): 24

Date of Test: 5/7/14

Length of Test Sample: 150mm

Measurement Geometry: 2pi

**Environmental Lights**

**888-880-1800**