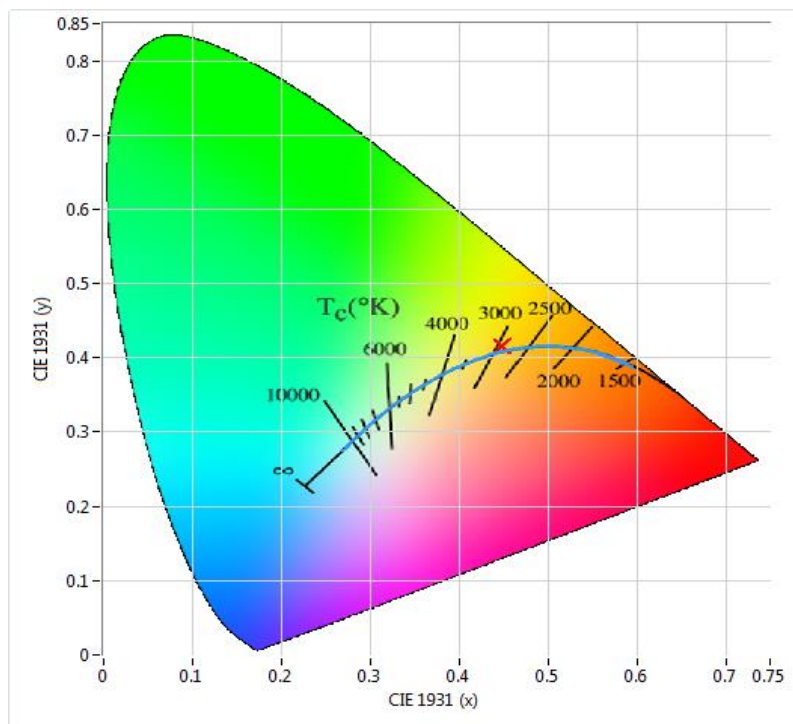


## Integrating Sphere Test Report

Waterproof Dimmable LED Module, High Brightness Triplex with 5050 LEDs (Soft White)  
sw-module-5050-3



sw-module-5050-3

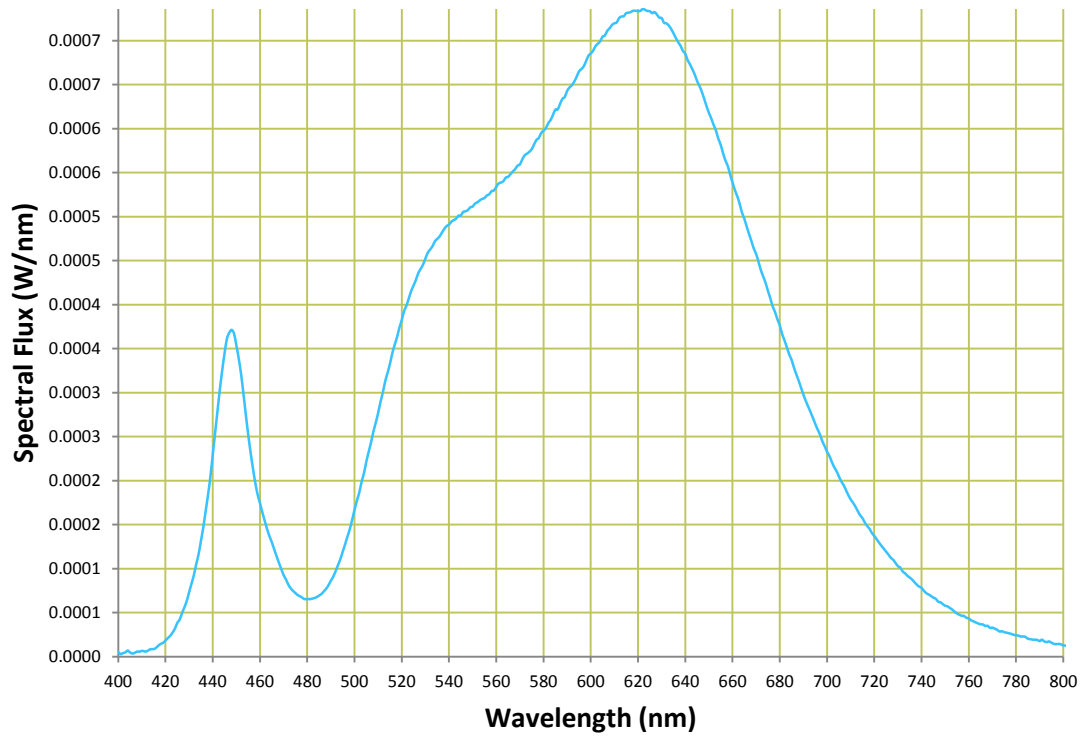


### Photometric Test Results

Total Radiant Flux* (W): 0.124953	R1: 86.82024
Total Luminous Flux* (lm): 37.41665	R2: 87.87065
CIE 1931 Tristimulus x: 0.447537	R3: 86.78664
CIE 1931 Tristimulus y: 0.415517	R4: 88.05672
CIE 1931 Tristimulus Y: 0.054783	R5: 84.28089
CIE 1976 Chroma u': 0.252449	R6: 82.46016
CIE 1976 Chroma v': 0.527371	R7: 91.31977
Color Temperature (CCT K): 2920	R8: 79.10681
Duv: 0.003094	R9: 46.56486
CQS: 85.358211	R10: 69.58179
CRI: 85.83774	R11: 86.92101
	R12: 59.86688
	R13: 86.39006
	R14: 91.46363

\*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): 622  
Center Wavelength (nm): 599.5  
Full Width (nm): 163  
Centroid Wavelength (nm): 597.3899  
Voltage (V): 12

Date of Test: 5/30/14

Length of Test Sample: 1 module

Measurement Geometry: 2pi

**Environmental Lights**

**888-880-1800**