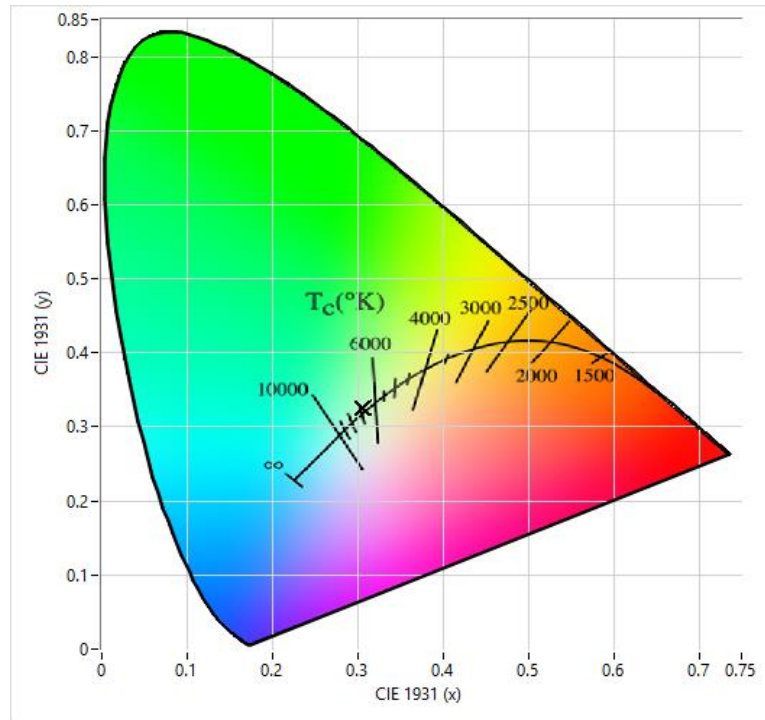


## Integrating Sphere Test Report

WATERPROOF DIMMABLE 1.2 WATT LED HIGH BRIGHTNESS MODULE, IP67 (DAYLIGHT WHITE)  
M921TB-DW



M921TB-DW

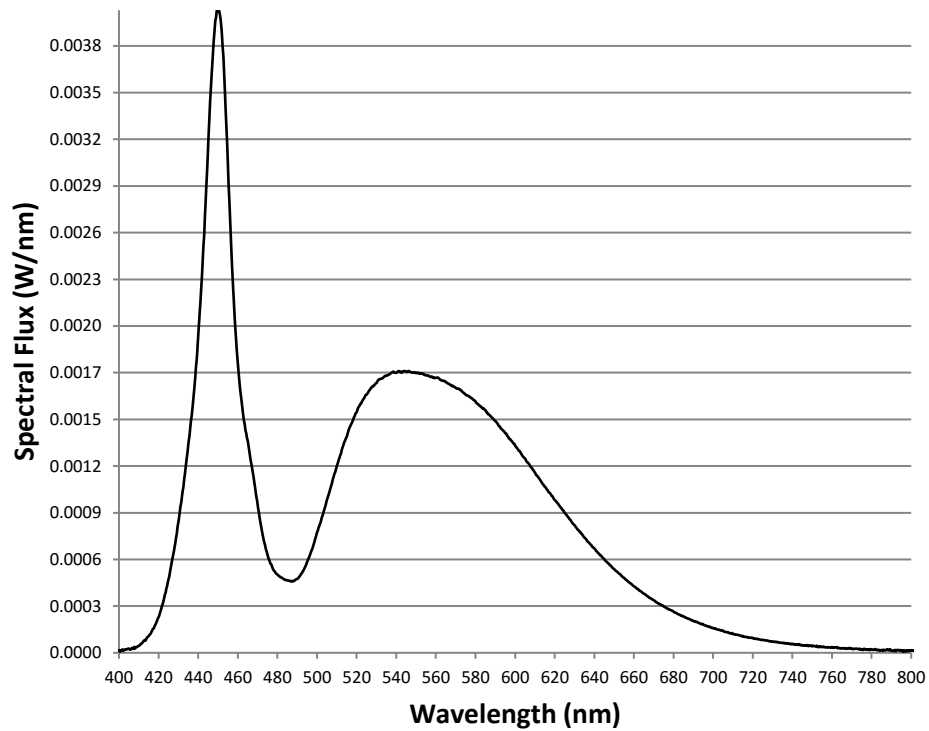


### Photometric Test Results

Total Radiant Flux* (W): 0.327615	R1: 71.0047
Total Luminous Flux* (lm): 103.5452	R2: 76.43757
	R3: 78.4675
CIE 1931 Tristimulus x: 0.305628	R4: 74.37412
CIE 1931 Tristimulus y: 0.325592	R5: 72.22757
CIE 1931 Tristimulus Y: 0.151573	R6: 67.92959
	R7: 82.85581
CIE 1976 Chroma u': 0.194178	R8: 63.08053
CIE 1976 Chroma v': 0.465438	R9: -24.4217
	R10: 42.50059
Color Temperature (CCT K): 6934	R11: 71.53379
Duv: 0.005101	R12: 41.24295
CQS: 72.45	R13: 71.72533
CRI: 73.3	R14: 87.94878

\*Total radiant and luminous flux are per module.

## Spectral Power Distribution



### Spectral Response Characteristics

Peak Wavelength (nm): 450.05  
Center Wavelength (nm): 449.51  
Full Width (nm): 18.71  
Centroid Wavelength (nm): 537.58  
Voltage (V): 12

Date of Test: 10/14/16  
Length of Test Sample: 1 module  
Measurement Geometry: 2pi

**Environmental Lights**  
**888-880-1800**