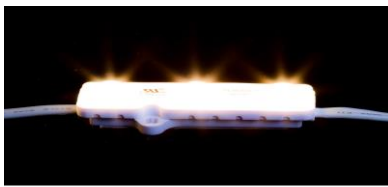
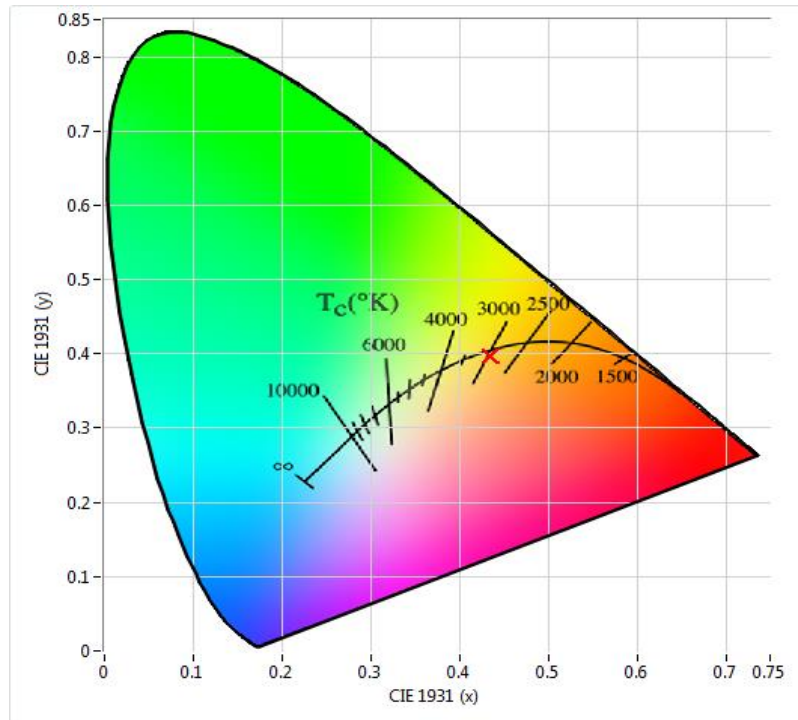


## Integrating Sphere Test Report

Waterproof Dimmable LED Module, High Brightness Module with 2835 LEDs, Plastic (Soft White)  
EL-M2835-3-SW



EL-M2835-3-SW

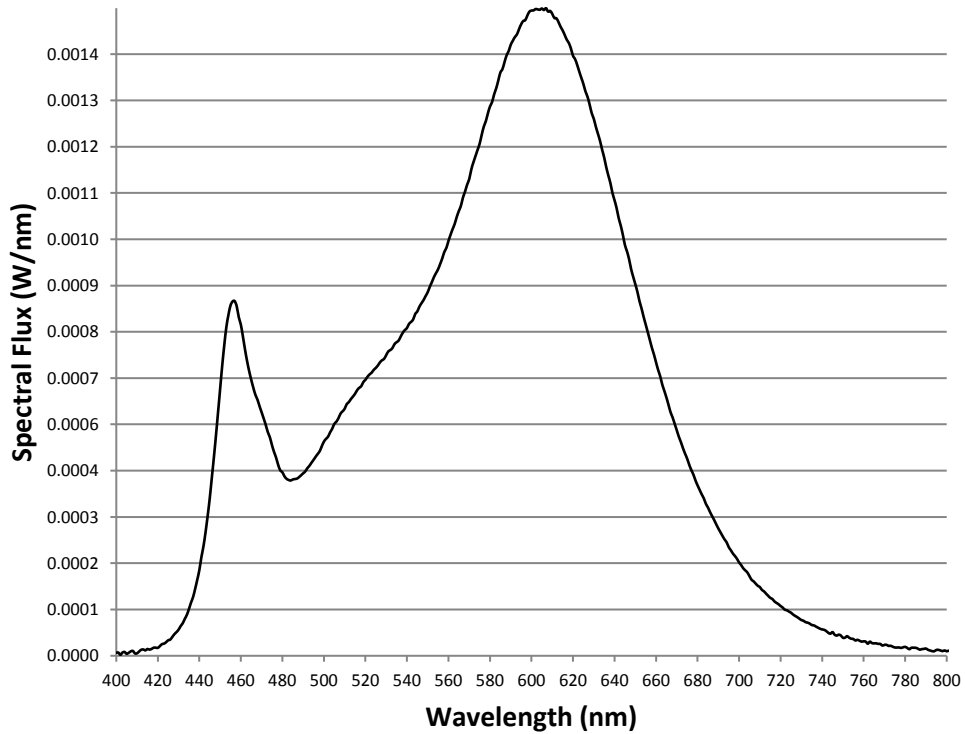


### Photometric Test Results

Total Radiant Flux* (W): 0.226433	R1: 83.96375
Total Luminous Flux* (lm): 73.00843	R2: 95.92534
	R3: 90.81331
CIE 1931 Tristimulus x: 0.434928	R4: 80.09107
CIE 1931 Tristimulus y: 0.396309	R5: 84.76133
CIE 1931 Tristimulus Y: 0.106894	R6: 94.35894
	R7: 79.55962
CIE 1976 Chroma u': 0.252651	R8: 58.41241
CIE 1976 Chroma v': 0.517987	R9: 11.81837
	R10: 90.64096
Color Temperature (CCT K): 2970	R11: 80.04562
Duv: -0.00285	R12: 77.72758
CQS: 83.7	R13: 87.45992
CRI: 83.5	R14: 95.69119

\*Total radiant and luminous flux are per module.

## Spectral Power Distribution



### Spectral Response Characteristics

Peak Wavelength (nm): 607  
Center Wavelength (nm): 597  
Full Width (nm): 118  
Centroid Wavelength (nm): 580.7823  
Voltage (V): 12

Date of Test: 5/10/16  
Length of Test Sample: 1 module  
Measurement Geometry: 2pi

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