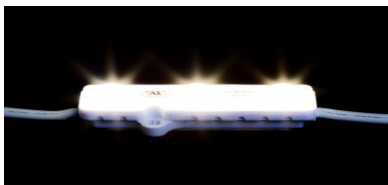
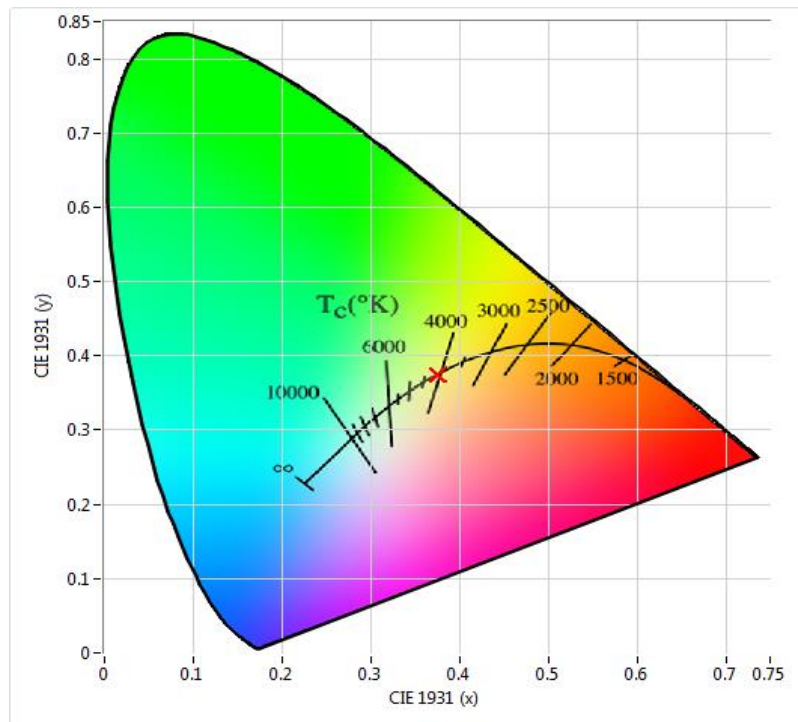


## Integrating Sphere Test Report

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



**EL-M2835-3-NW**

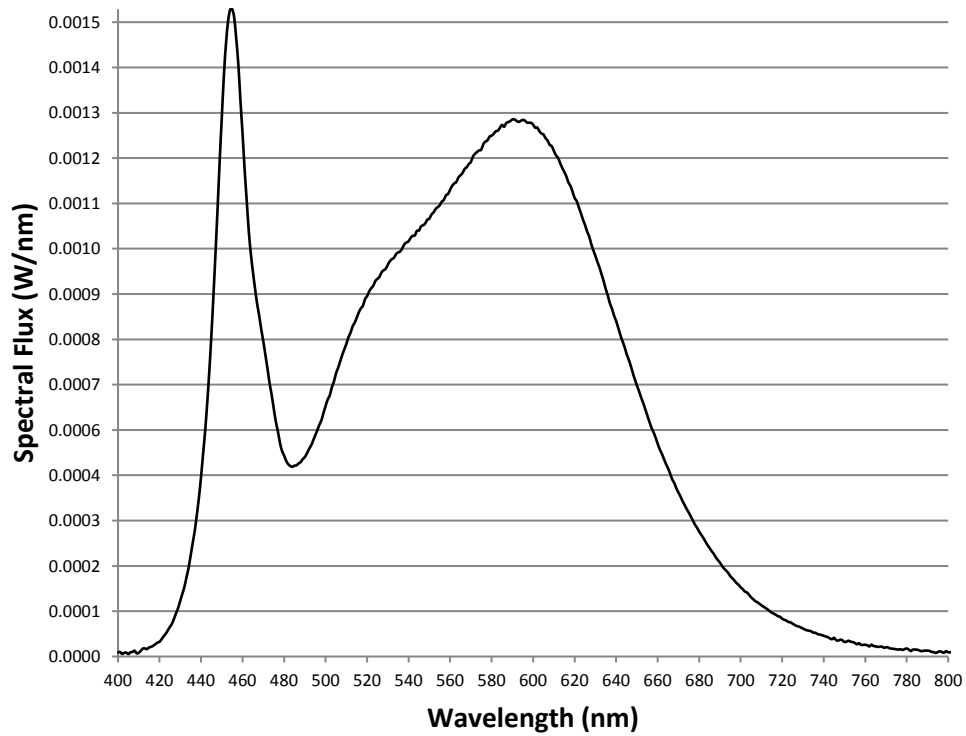


### Photometric Test Results

Total Radiant Flux* (W): 0.232884	R1: 82.11258
Total Luminous Flux* (lm): 76.18649	R2: 91.15183
	R3: 95.64406
CIE 1931 Tristimulus x: 0.374549	R4: 80.32479
CIE 1931 Tristimulus y: 0.374534	R5: 81.46
CIE 1931 Tristimulus Y: 0.111547	R6: 86.48172
	R7: 85.67756
CIE 1976 Chroma u': 0.22211	R8: 64.98404
CIE 1976 Chroma v': 0.499726	R9: 10.94757
	R10: 77.7161
Color Temperature (CCT K): 4149	R11: 78.75329
Duv: 0.000731	R12: 59.04763
CQS: 82.4	R13: 84.76887
CRI: 83.5	R14: 98.04452

\*Total radiant and luminous flux are per module.

## Spectral Power Distribution



### Spectral Response Characteristics

Peak Wavelength (nm): 455  
Center Wavelength (nm): 457  
Full Width (nm): 24  
Centroid Wavelength (nm): 562.1506  
Voltage (V): 12

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

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