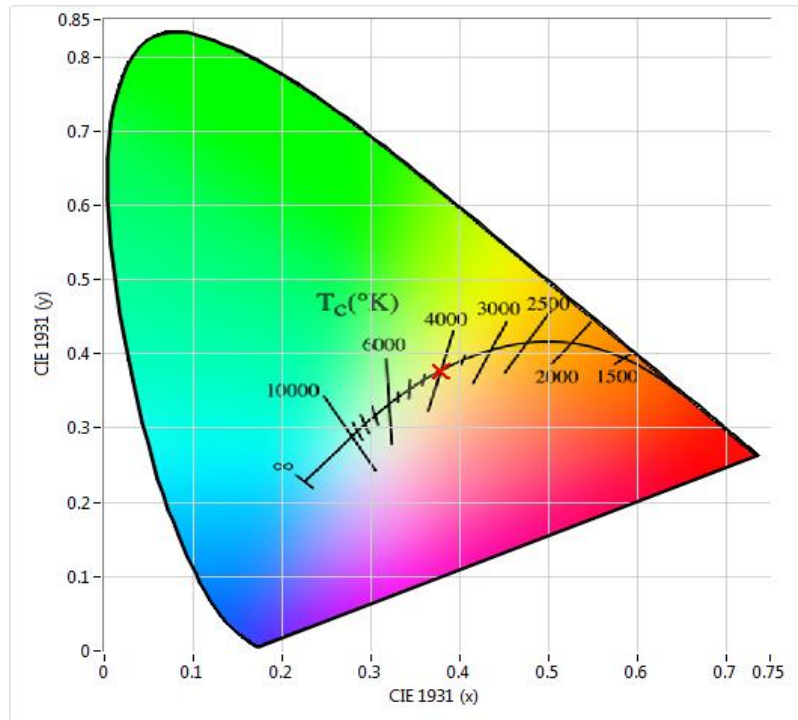


Integrating Sphere Test Report

Waterproof Dimmable LED Module, High Brightness Module with 2835 LEDs, Plastic (Neutral White)
EL-M2835-2-NW



EL-M2835-2-NW

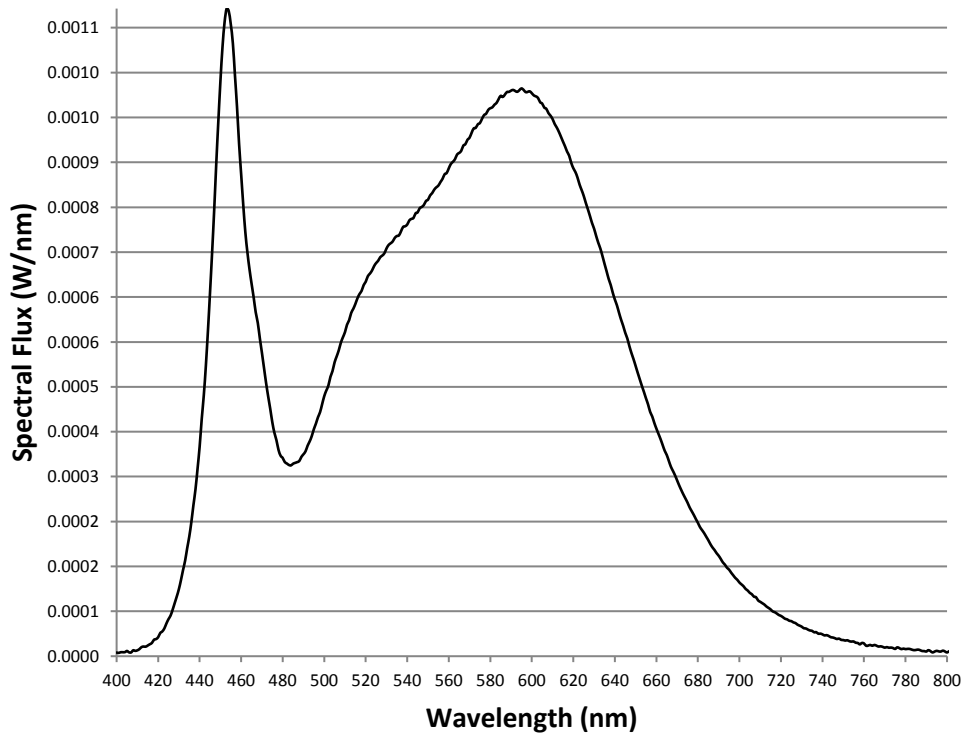


Photometric Test Results

Total Radiant Flux* (W): 0.178624	R1: 81.95094
Total Luminous Flux* (lm): 58.54092	R2: 90.62701
	R3: 95.51389
CIE 1931 Tristimulus x: 0.37819	R4: 80.89466
CIE 1931 Tristimulus y: 0.376272	R5: 81.51111
CIE 1931 Tristimulus Y: 0.085711	R6: 86.09163
	R7: 85.86457
CIE 1976 Chroma u': 0.223818	R8: 64.90624
CIE 1976 Chroma v': 0.501037	R9: 10.64092
Color Temperature (CCT K): 4059	R10: 76.72418
Duv: 0.000442	R11: 79.33424
CQS: 82.5	R12: 60.29248
CRI: 83.4	R13: 84.38244
	R14: 97.85077

*Total radiant and luminous flux are per module.

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 453
Center Wavelength (nm): 456.5
Full Width (nm): 25
Centroid Wavelength (nm): 563.1789
Voltage (V): 12

Date of Test: 5/9/16
Length of Test Sample: 1 module
Measurement Geometry: 2pi

Environmental Lights
888-880-1800