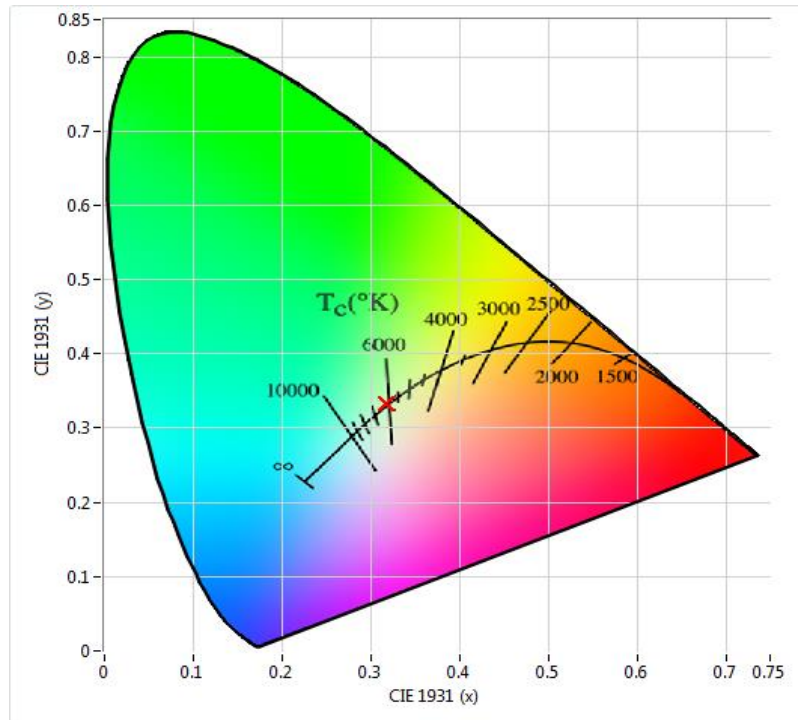


Integrating Sphere Test Report

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



EL-M2835-3-DW

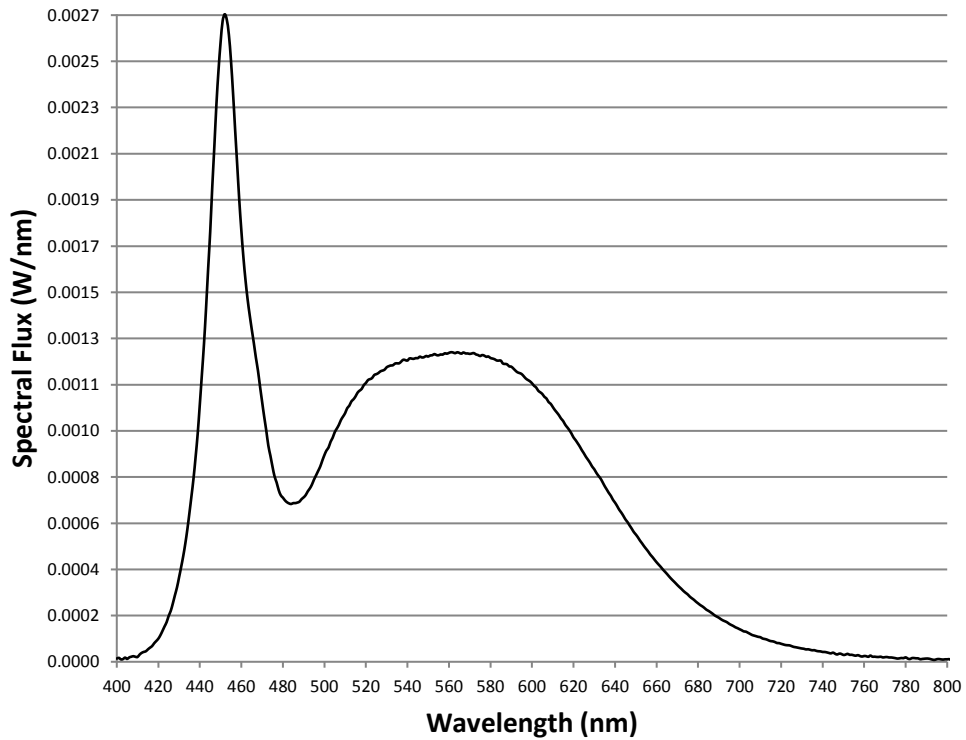


Photometric Test Results

Total Radiant Flux* (W): 0.267698	R1: 82.20553
Total Luminous Flux* (lm): 82.9482	R2: 88.76287
	R3: 91.55785
CIE 1931 Tristimulus x: 0.317667	R4: 82.87484
CIE 1931 Tristimulus y: 0.333314	R5: 82.34684
CIE 1931 Tristimulus Y: 0.121447	R6: 82.8751
	R7: 88.46853
CIE 1976 Chroma u': 0.199651	R8: 70.67948
CIE 1976 Chroma v': 0.471342	R9: 11.63229
Color Temperature (CCT K): 6217	R10: 71.83075
Duv: 0.002949	R11: 81.73288
CQS: 81.4	R12: 57.9198
CRI: 83.7	R13: 84.31274
	R14: 95.5993

*Total radiant and luminous flux are per module.

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 452
Center Wavelength (nm): 454
Full Width (nm): 24
Centroid Wavelength (nm): 541.7662
Voltage (V): 12

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

Environmental Lights
888-880-1800