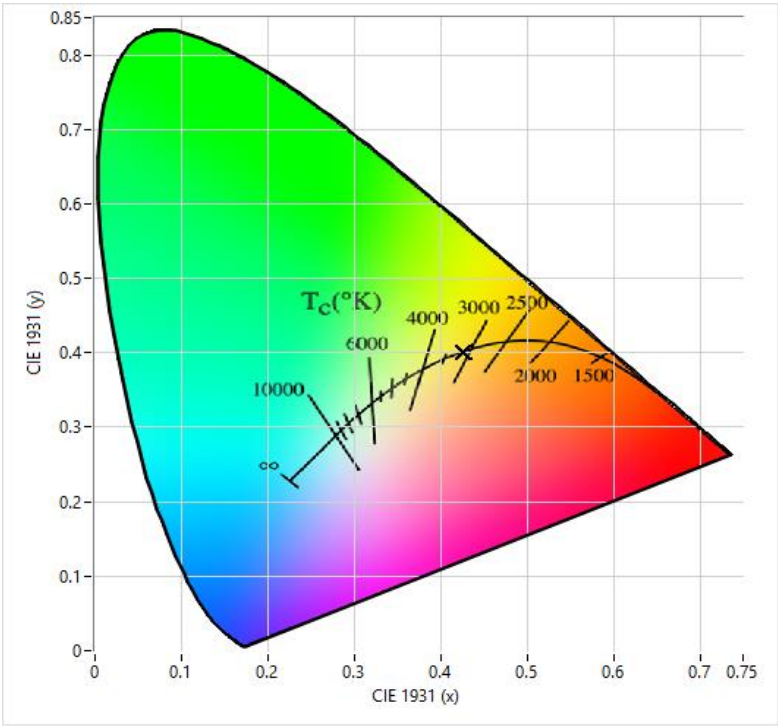


Integrating Sphere Test Report

WATERPROOF DIMMABLE LED MODULE, 3 LEDS PER HIGH BRIGHTNESS MODULE WITH 5050 LEDS, PLASTIC (SW)
EL-M5050-3-SW



EL-M5050-3-SW



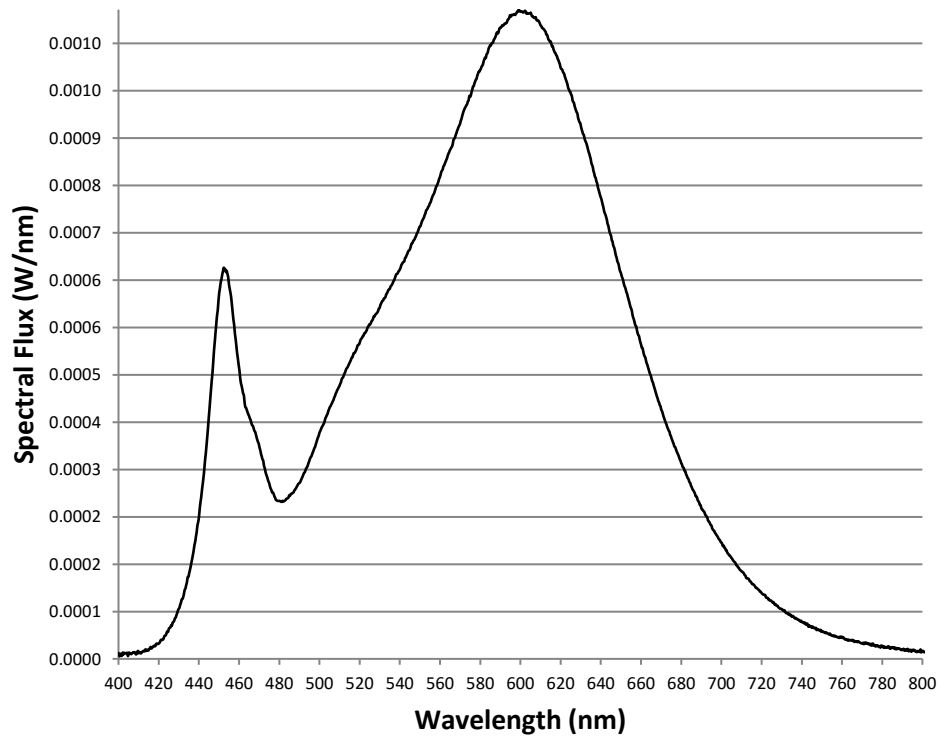
Photometric Test Results

Total Radiant Flux* (W): 0.17363	R1: 80.61562
Total Luminous Flux* (lm): 56.35629	R2: 90.80605
	R3: 96.50808
CIE 1931 Tristimulus x: 0.425544	R4: 79.41485
CIE 1931 Tristimulus y: 0.401385	R5: 80.50159
CIE 1931 Tristimulus Y: 0.082504	R6: 87.88814
	R7: 83.71757
CIE 1976 Chroma u': 0.244371	R8: 60.63362
CIE 1976 Chroma v': 0.51862	R9: 9.137031
	R10: 78.37254
Color Temperature (CCT K): 3179	R11: 77.49684
Duv: 0.000639	R12: 67.76801
CQS: 83.32	R13: 83.02477
CRI: 82.51	R14: 98.62138

*Total radiant and luminous flux are per module

888-880-1880

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 600.72
Center Wavelength (nm): 590.32
Full Width (nm): 136.37
Centroid Wavelength (nm): 582.48
Voltage (V): 12

Date of Test: 10/3/16
Length of Test Sample: 1 module
Measurement Geometry: 2pi

Environmental Lights
888-880-1800