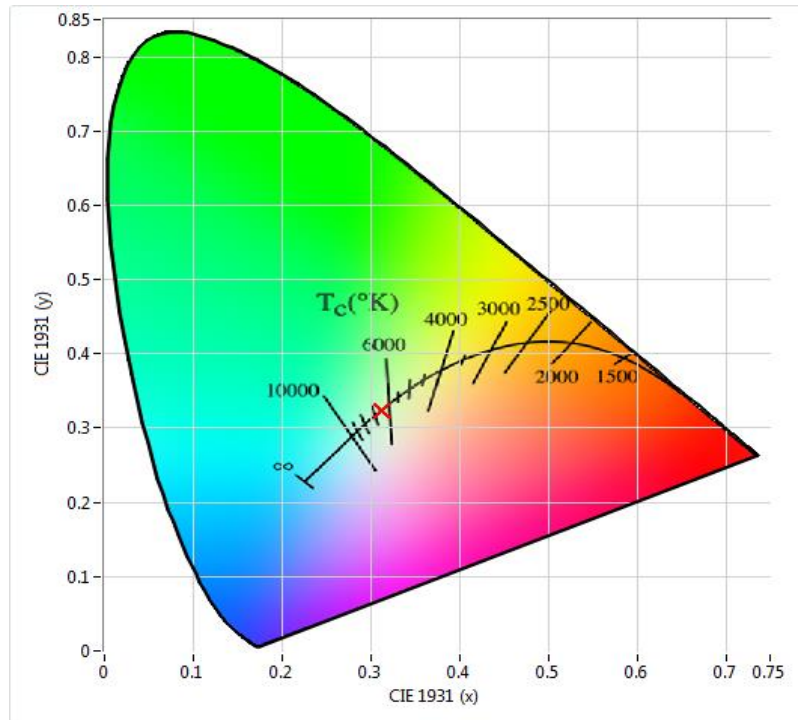


Integrating Sphere Test Report

IP65 Waterproof Dimmable LED Module, High Brightness 160 degree Single Module with 3030 LEDs
EL-AL-24-DW



EL-AL-24-DW

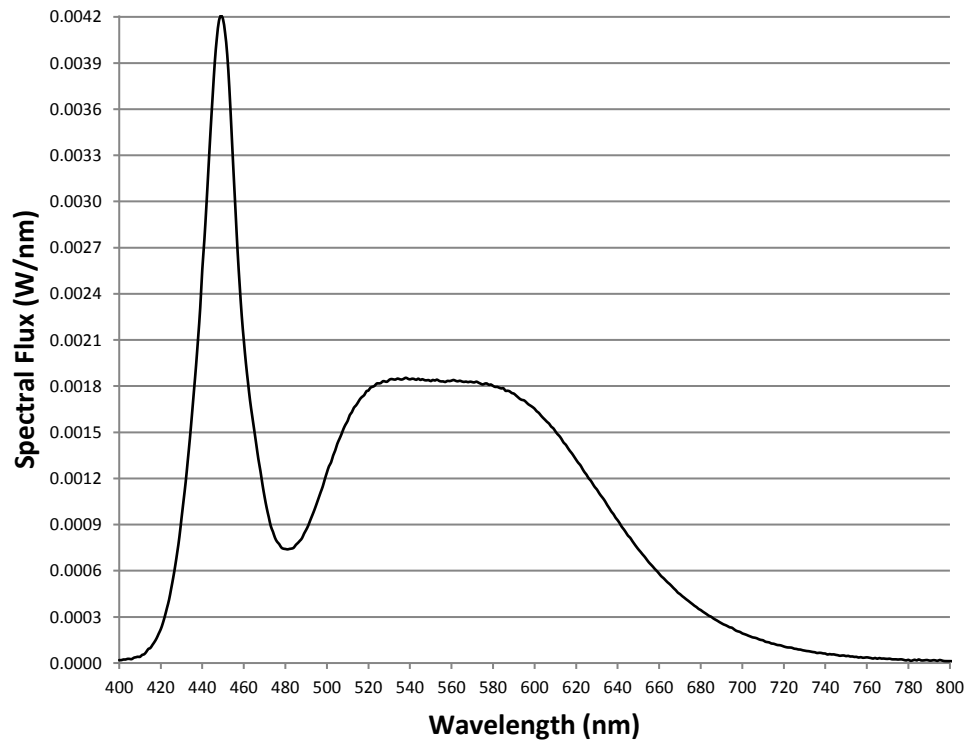


Photometric Test Results

Total Radiant Flux* (W): 0.396868	R1: 82.50495
Total Luminous Flux* (lm): 121.0106	R2: 84.91367
	R3: 85.50966
CIE 1931 Tristimulus x: 0.311725	R4: 84.59229
CIE 1931 Tristimulus y: 0.322961	R5: 83.29005
CIE 1931 Tristimulus Y: 0.177175	R6: 79.13867
	R7: 86.91792
CIE 1976 Chroma u': 0.199437	R8: 73.09469
CIE 1976 Chroma v': 0.464909	R9: 13.45165
	R10: 63.33862
Color Temperature (CCT K): 6608	R11: 84.90123
Duv: 0.000575	R12: 58.61291
CQS: 80.6	R13: 82.85958
CRI: 82.5	R14: 92.05246

*Total radiant and luminous flux are per module.

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 449
Center Wavelength (nm): 449
Full Width (nm): 22
Centroid Wavelength (nm): 538.4475
Voltage (V): 24

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

Environmental Lights
888-880-1800