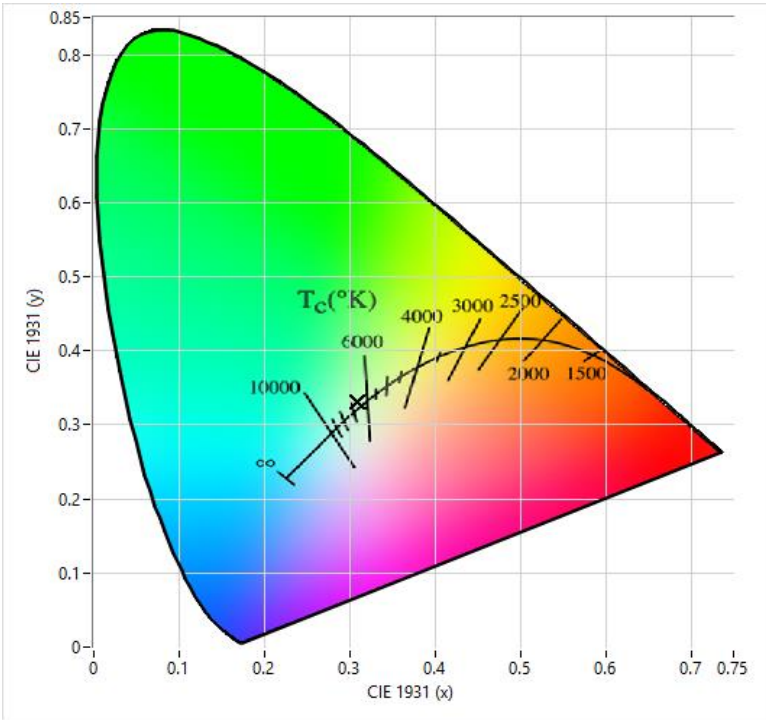


Integrating Sphere Test Report

Waterproof Dimmable 0.36 Watt 160 Degree Module with 2835 LEDs, IP65 (Daylight White)
M911TB-DW



M911TB-DW

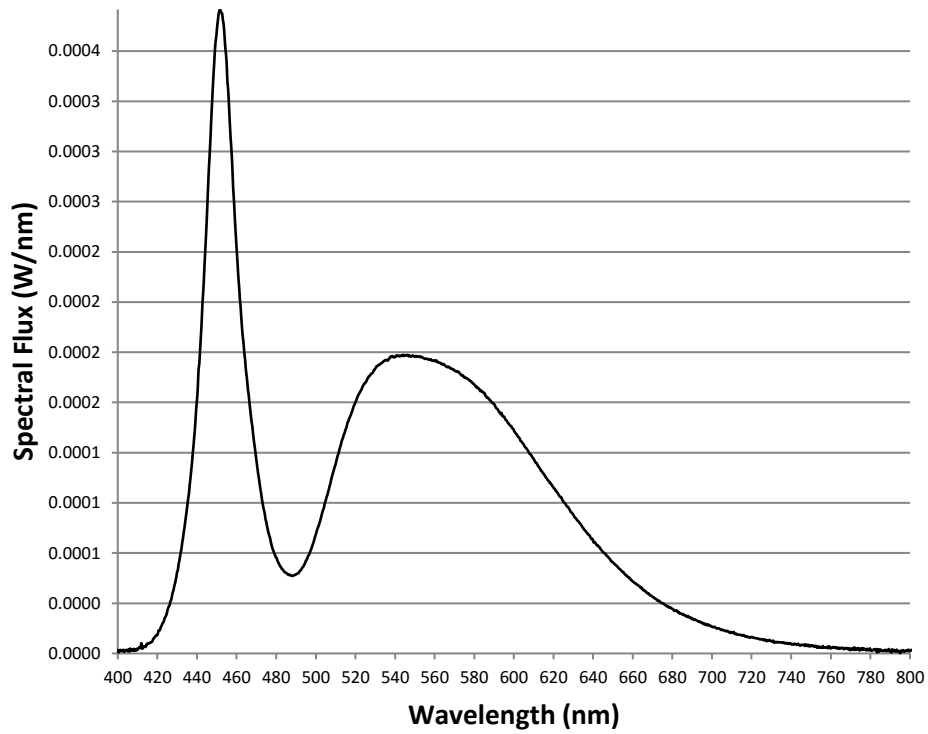


Photometric Test Results

Total Radiant Flux* (W): 0.033101	R1: 71.14426
Total Luminous Flux* (lm): 10.59764	R2: 78.63043
	R3: 81.60254
CIE 1931 Tristimulus x: 0.308924	R4: 73.57464
CIE 1931 Tristimulus y: 0.331207	R5: 71.69974
CIE 1931 Tristimulus Y: 0.015513	R6: 69.76725
	R7: 84.90722
CIE 1976 Chroma u': 0.194395	R8: 62.29564
CIE 1976 Chroma v': 0.468937	R9: -24.0836
	R10: 47.11997
Color Temperature (CCT K): 6691	R11: 69.53568
Duv: 0.006244	R12: 39.11336
CQS: 72.64	R13: 72.82306
CRI: 74.2	R14: 89.73096

*Total radiant and luminous flux are per module.

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 451.85
Center Wavelength (nm): 452.49
Full Width (nm): 20.79
Centroid Wavelength (nm): 540.21
Voltage (V): 12

Date of Test: 11/21/16
Length of Test Sample: 1 module
Measurement Geometry: 2pi

Environmental Lights
888-880-1800