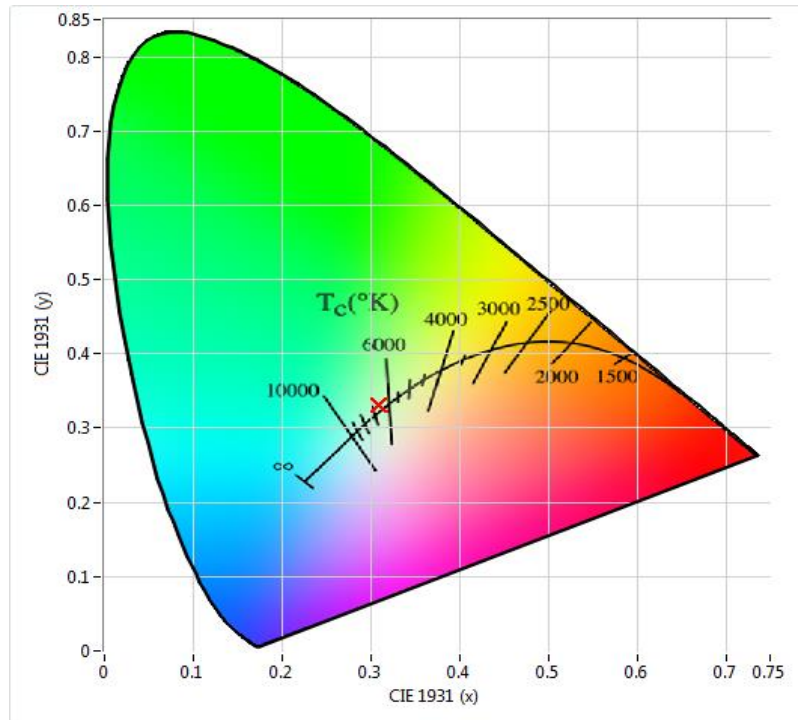


## Integrating Sphere Test Report

IP65 Waterproof Dimmable LED Module, High Brightness 160 degree Single Module with 3535 LEDs  
EL-M3535-1-DW



EL-M3535-1-DW

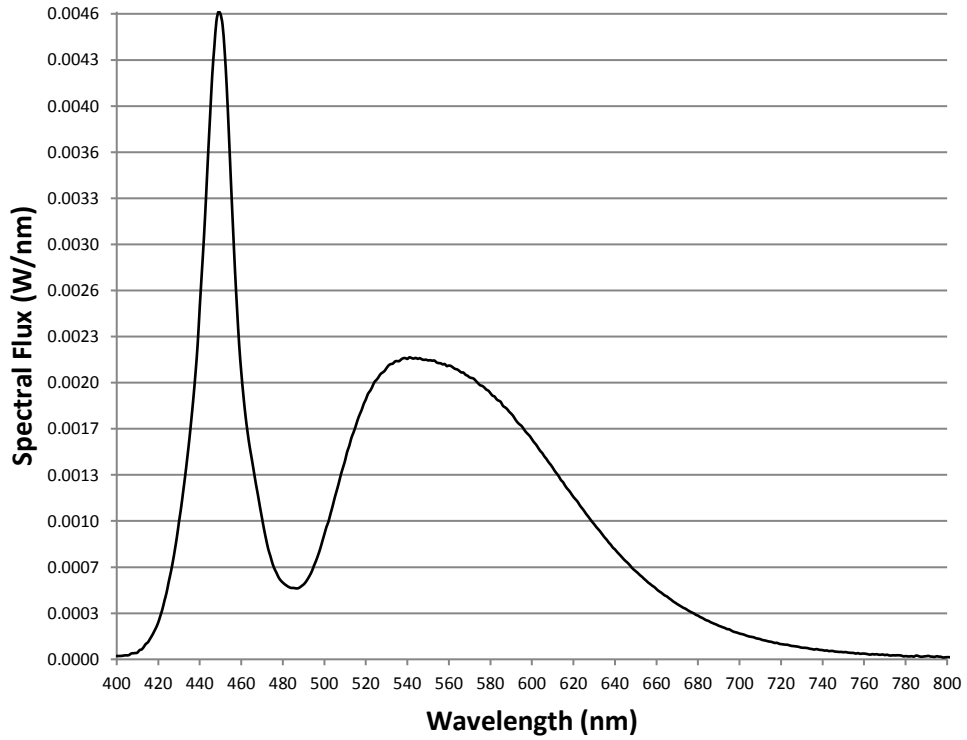


### Photometric Test Results

Total Radiant Flux* (W): 0.396416	R1: 69.5415
Total Luminous Flux* (lm): 127.0111	R2: 75.18818
	R3: 78.00824
CIE 1931 Tristimulus x: 0.308023	R4: 73.30872
CIE 1931 Tristimulus y: 0.331018	R5: 70.98957
CIE 1931 Tristimulus Y: 0.185961	R6: 66.77967
	R7: 82.0894
CIE 1976 Chroma u': 0.193842	R8: 61.59911
CIE 1976 Chroma v': 0.468704	R9: -29.1901
Color Temperature (CCT K): 6743	R10: 40.21489
Duv: 0.006607	R11: 70.49681
CQS: 72.2	R12: 40.12201
CRI: 72.2	R13: 70.15075
	R14: 87.72592

\*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): 20  
Centroid Wavelength (nm): 536.7374  
Voltage (V): 12

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

**Environmental Lights**  
**888-880-1800**