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## Integrating Sphere Test Report

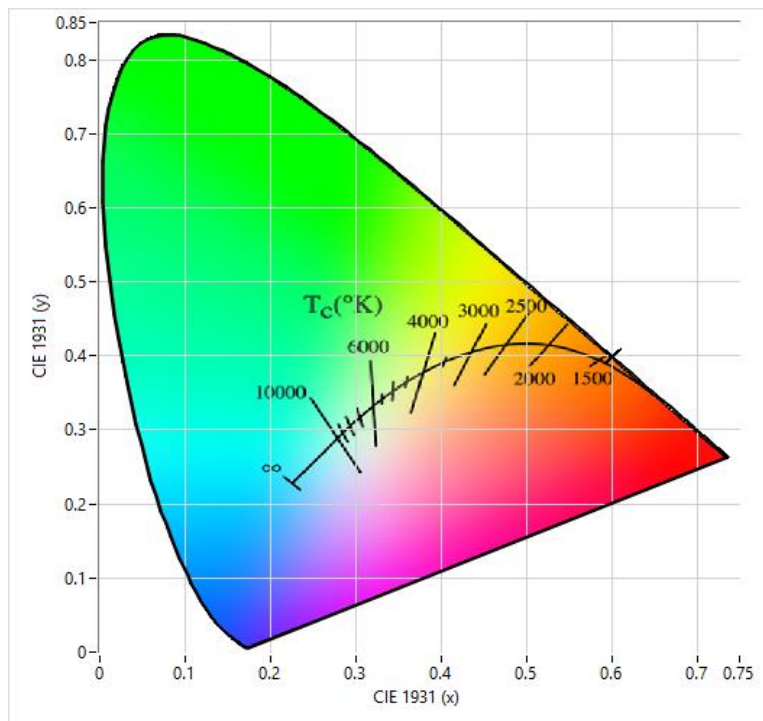
WATERPROOF DIMMABLE LED MODULE, 3 LEDS PER HIGH BRIGHTNESS MODULE WITH 5050 LEDS, PLASTIC (AMBER)  
EL-M5050-3-AMBER

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EL-M5050-3-AMBER

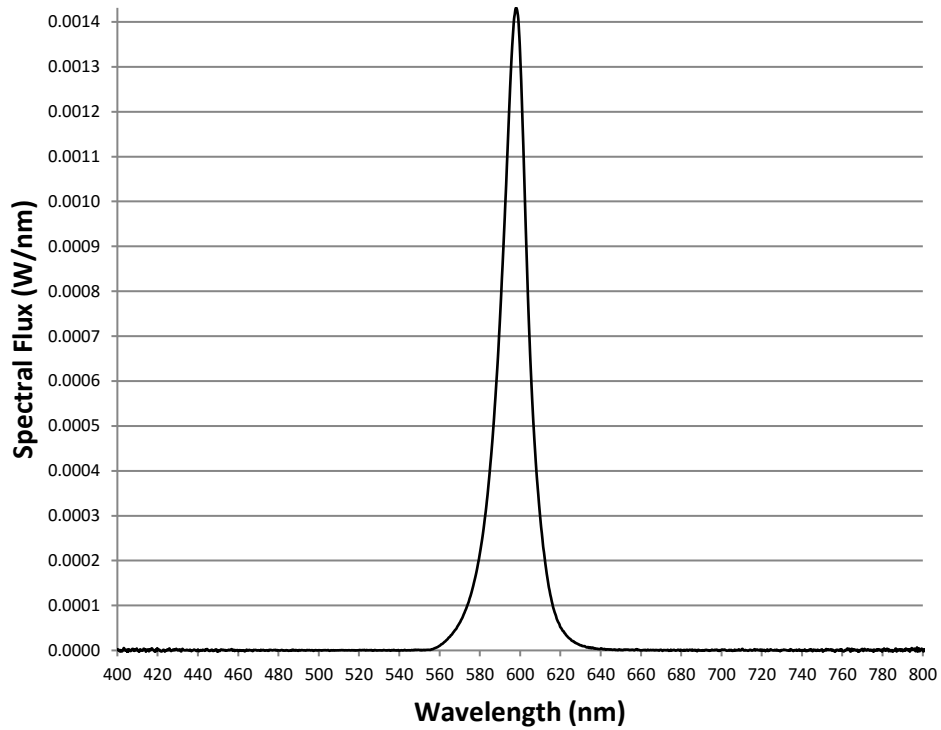


### Photometric Test Results

- Total Radiant Flux\* (W): 0.026807
- Total Luminous Flux\* (lm): 12.28645
- CIE 1931 Tristimulus x: 0.600371
- CIE 1931 Tristimulus y: 0.398171
- CIE 1931 Tristimulus Y: 0.017987
- CIE 1976 Chroma u': 0.365116
- CIE 1976 Chroma v': 0.544833

\*Total radiant and luminous flux are per module.

## Spectral Power Distribution



### Spectral Response Characteristics

Peak Wavelength (nm): 598.06  
Center Wavelength (nm): 597.11  
Full Width (nm): 14.74  
Centroid Wavelength (nm): 596.26  
Dominant Wavelength (nm): 594  
Purity: 99.73406  
Voltage (V): 12

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

**Environmental Lights**

**888-880-1800**