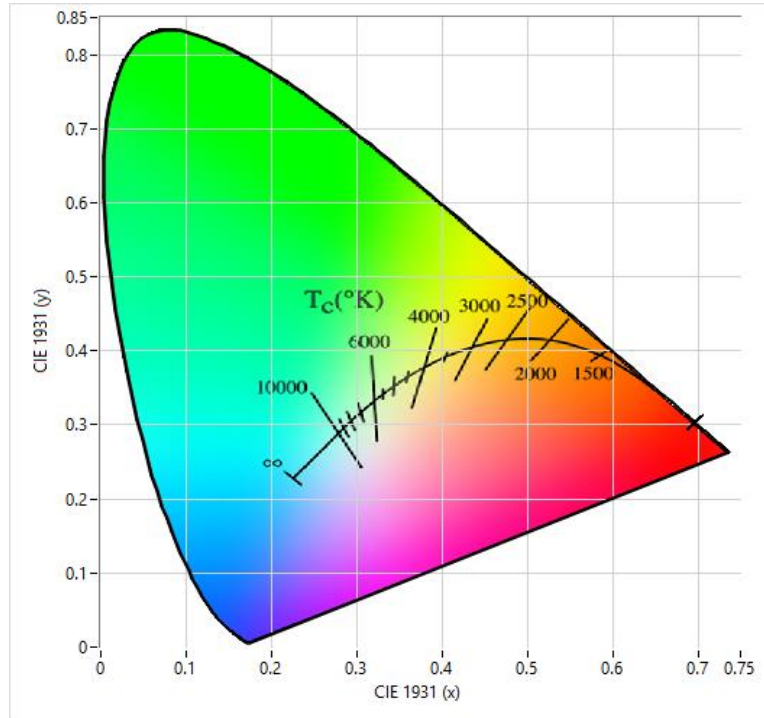

Integrating Sphere Test Report

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



EL-M5050-3-RED

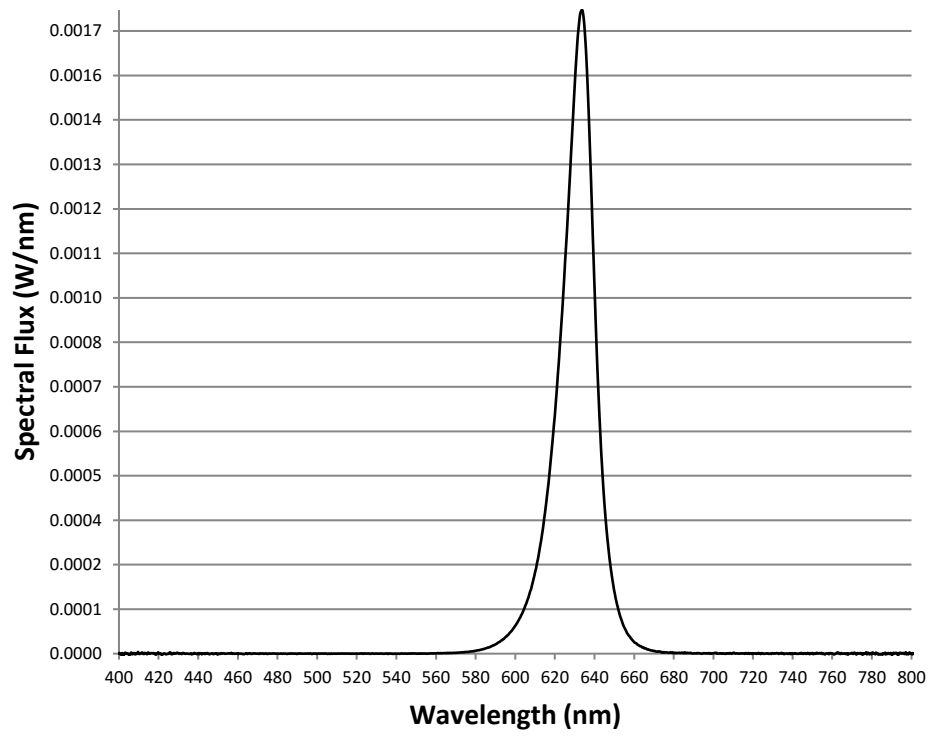


Photometric Test Results

- Total Radiant Flux* (W): 0.037577
- Total Luminous Flux* (lm): 7.110463
- CIE 1931 Tristimulus x: 0.696127
- CIE 1931 Tristimulus y: 0.303392
- CIE 1931 Tristimulus Y: 0.010418
- CIE 1976 Chroma u': 0.53054
- CIE 1976 Chroma v': 0.520254

*Total radiant and luminous flux are per module.

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 633.51
Center Wavelength (nm): 631.9
Full Width (nm): 17.77
Centroid Wavelength (nm): 630.18
Dominant Wavelength (nm): 622
Purity: 99.89275
Voltage (V): 12

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

Environmental Lights
888-880-1800