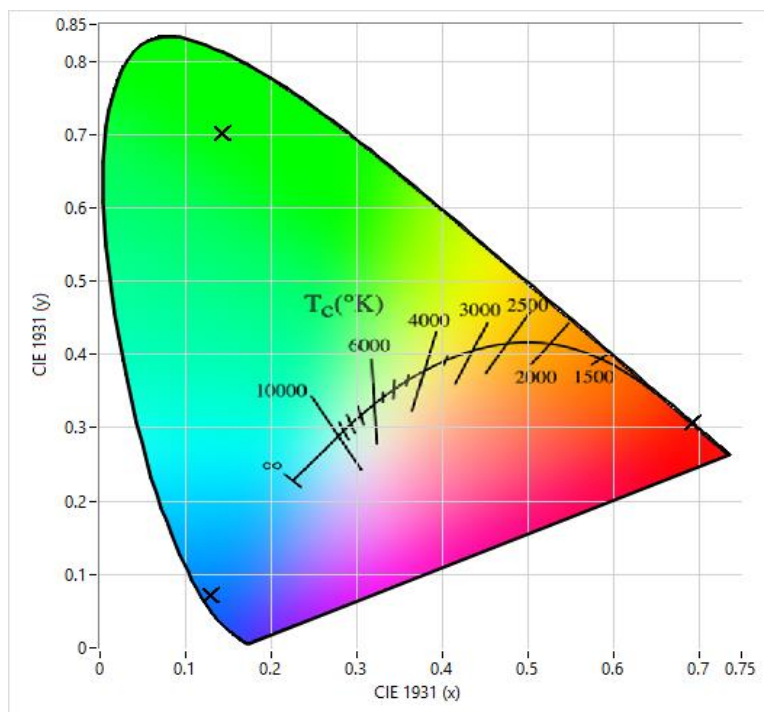


Integrating Sphere Test Report

WATERPROOF DIMMABLE 160 DEGREE LED MODULE, HIGH BRIGHTNESS TRIPLEX WITH TWO 5050 LEDS, PLASTIC (RGB)
rgb-160-mod-5050-2



rgb-160-mod-5050-2



Photometric Test Results

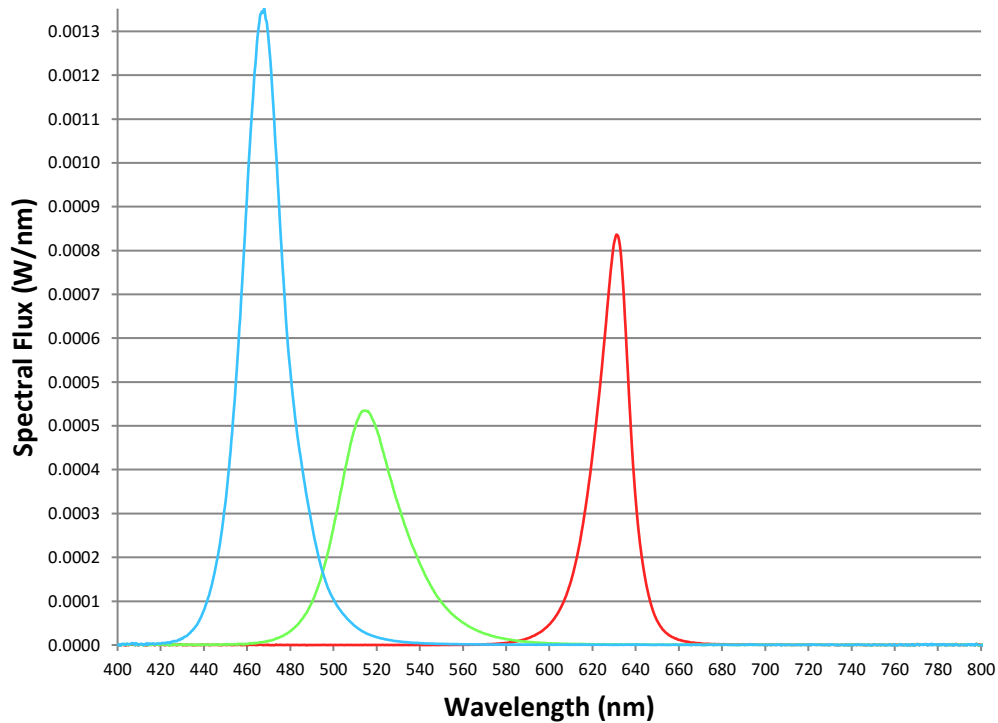
Red Total Radiant Flux* (W): 0.017834
Red Total Luminous Flux* (lm): 3.639609
Red CIE 1931 Tristimulus x: 0.692172
Red CIE 1931 Tristimulus y: 0.306221
Red CIE 1931 Tristimulus Y: 0.005332
Red CIE 1976 Chroma u': 0.523351
Red CIE 1976 Chroma v': 0.52095

Blue Total Radiant Flux* (W): 0.035342
Blue Total Luminous Flux* (lm): 2.662504
Blue CIE 1931 Tristimulus x: 0.12933
Blue CIE 1931 Tristimulus y: 0.070691
Blue CIE 1931 Tristimulus Y: 0.003904
Blue CIE 1976 Chroma u': 0.144115
Blue CIE 1976 Chroma v': 0.177238

Green Total Radiant Flux* (W): 0.019116
Green Total Luminous Flux* (lm): 8.357994
Green CIE 1931 Tristimulus x: 0.142999
Green CIE 1931 Tristimulus y: 0.701129
Green CIE 1931 Tristimulus Y: 0.012235
Green CIE 1976 Chroma u': 0.051404
Green CIE 1976 Chroma v': 0.567076

*Total radiant flux is per module.

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 631.27	Blue Peak Wavelength (nm): 467.3
Red Center Wavelength (nm): 629.43	Blue Center Wavelength (nm): 467.35
Red Full Width (nm): 17.27	Blue Full Width (nm): 21.78
Red Centroid Wavelength (nm): 627.87	Blue Centroid Wavelength (nm): 469.46
Red Dominant Wavelength (nm): 621	Blue Dominant Wavelength (nm): 470
Red Purity: 99.56035	Blue Purity: 96.58681
Green Peak Wavelength (nm): 514.7	
Green Center Wavelength (nm): 516.74	
Green Full Width (nm): 33.55	
Green Centroid Wavelength (nm): 519.89	
Green Dominant Wavelength (nm): 520	
Green Purity: 73.48996	

Date of Test: 11/21/16
Length of Test Sample: 1 module
Measurement Geometry: 2pi
Voltage (V): 12

Environmental Lights
888-880-1800