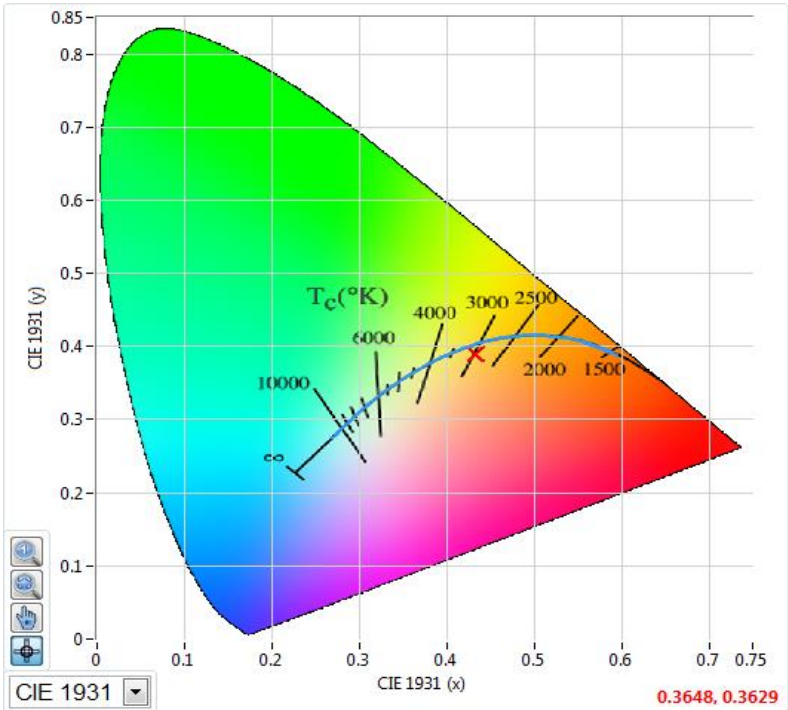


Integrating Sphere Test Report

Waterproof Dimmable LED Module, High Brightness Triplex with 5050 LEDs, Plastic (Color Changing-RGB)
rgb-module-5050-3-p



Photometric Test Results

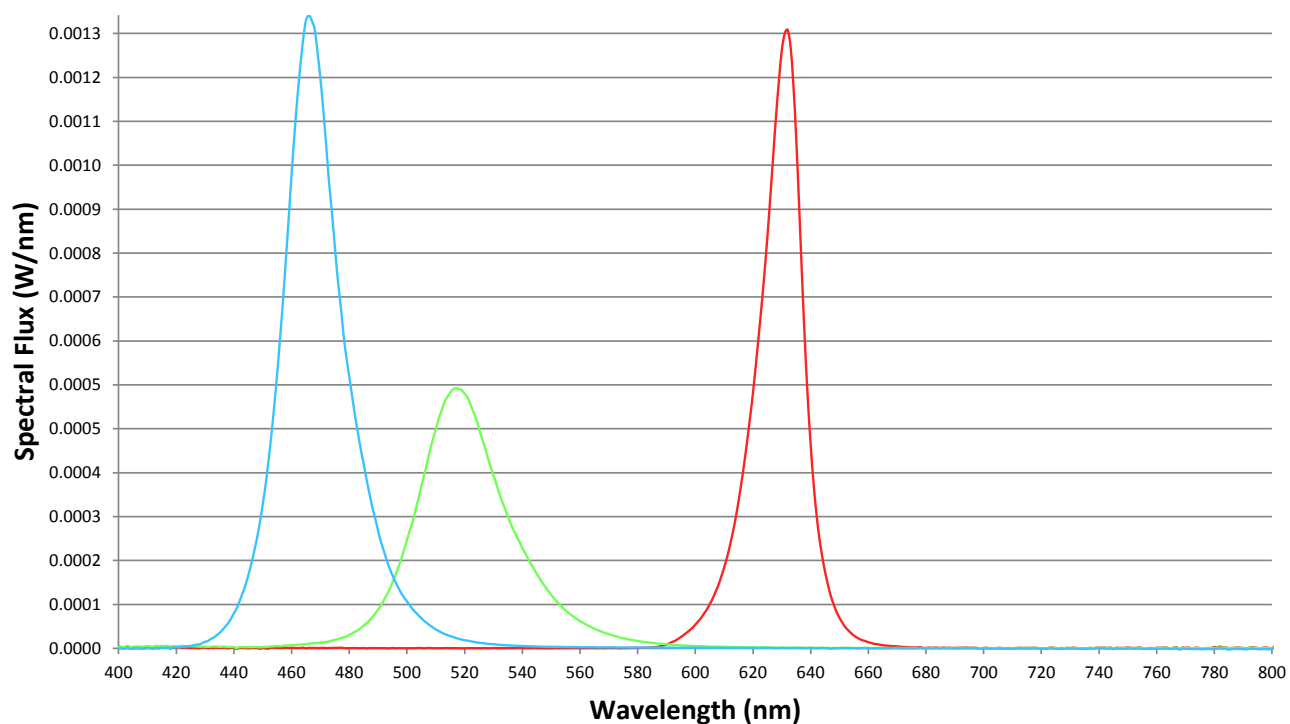
Red Total Radiant Flux* (W): 0.02508
 Red Total Luminous Flux* (lm): 4.964996
 Red CIE 1931 Tristimulus x: 0.694373
 Red CIE 1931 Tristimulus y: 0.302251
 Red CIE 1931 Tristimulus Y: 0.007269
 Red CIE 1976 Chroma u': 0.530231
 Red CIE 1976 Chroma v': 0.519305

Blue Total Radiant Flux* (W): 0.034815
 Blue Total Luminous Flux* (lm): 2.662456
 Blue CIE 1931 Tristimulus x: 0.130166
 Blue CIE 1931 Tristimulus y: 0.070728
 Blue CIE 1931 Tristimulus Y: 0.003898
 Blue CIE 1976 Chroma u': 0.145096
 Blue CIE 1976 Chroma v': 0.177392

Green Total Radiant Flux* (W): 0.021375
 Green Total Luminous Flux* (lm): 9.622276
 Green CIE 1931 Tristimulus x: 0.152268
 Green CIE 1931 Tristimulus y: 0.700605
 Green CIE 1931 Tristimulus Y: 0.014088
 Green CIE 1976 Chroma u': 0.054858
 Green CIE 1976 Chroma v': 0.567919

*Total radiant flux is per test length, listed on page 2, not a characteristic of the entire reel.

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 632
Red Center Wavelength (nm): 630
Red Full Width (nm): 16
Red Centroid Wavelength (nm): 628.3545
Red Dominant Wavelength (nm): 623
Red Purity: 99.02078

Blue Peak Wavelength (nm): 466
Blue Center Wavelength (nm): 467
Blue Full Width (nm): 22
Blue Centroid Wavelength (nm): 469.23
Blue Dominant Wavelength (nm): 470
Blue Purity: 96.35026

Green Peak Wavelength (nm): 517
Green Center Wavelength (nm): 518.5
Green Full Width (nm): 33
Green Centroid Wavelength (nm): 521.405
Green Dominant Wavelength (nm): 521
Green Purity: 73.41243

Date of Test: 4/23/15
Length of Test Sample: 1 Module
Measurement Geometry: 2pi
Voltage (V): 12

Environmental Lights
888-880-1800