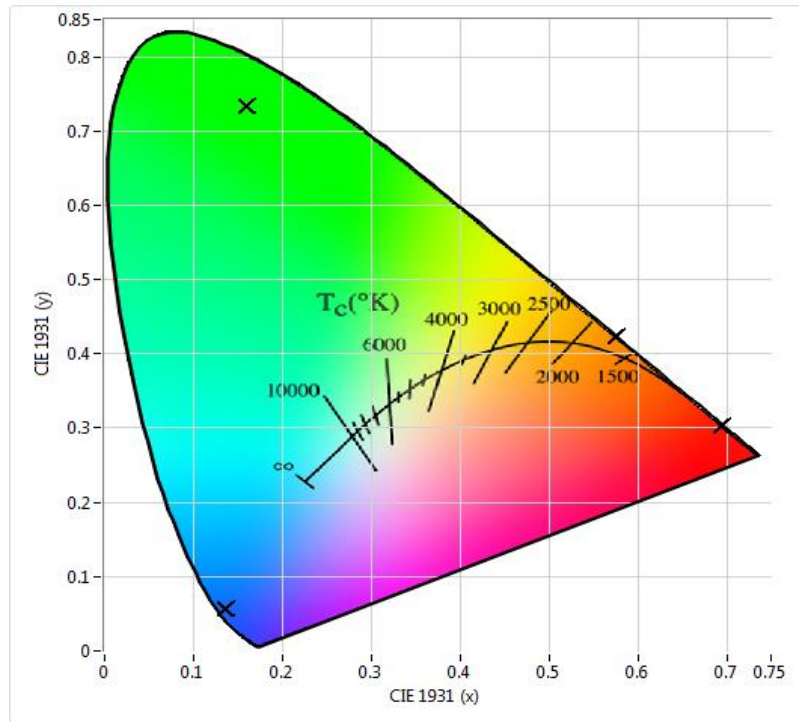


Integrating Sphere Test Report

RGBA 5050 ColorPlus LED Strip Light, 60/m, 12mm wide, by the 5m Reel
 RGBA-reel-12



RGBA-reel-12



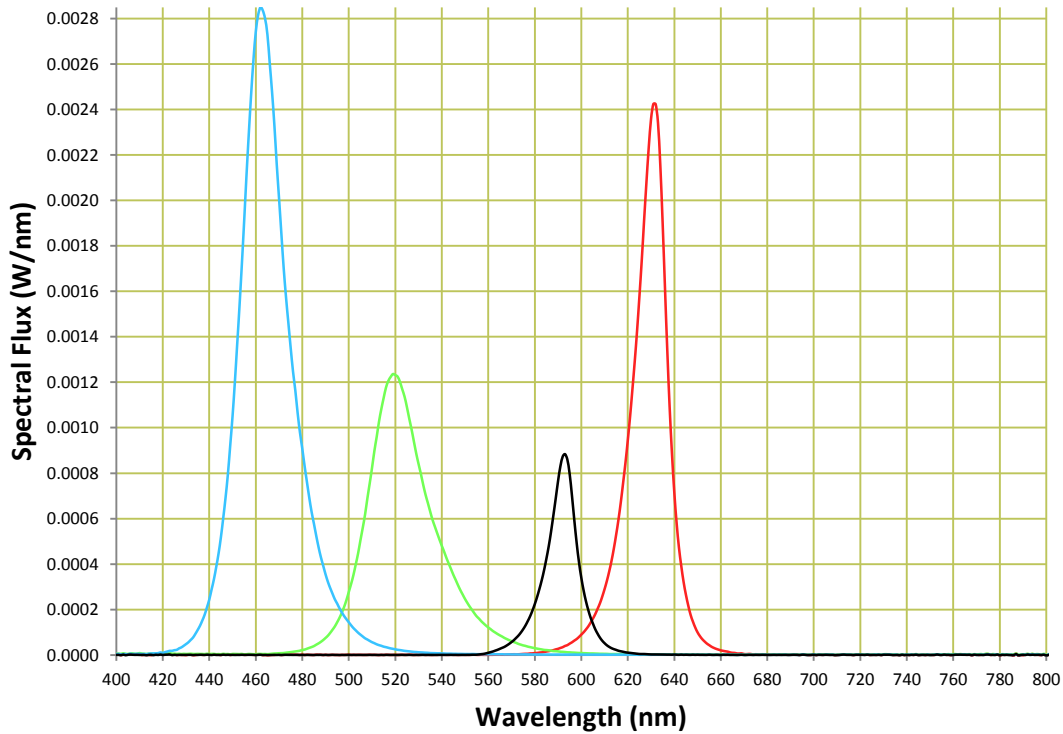
Photometric Test Results

Red Total Radiant Flux* (W): 0.045901
 Red Total Luminous Flux* (lm): 9.205894
 Red CIE 1931 Tristimulus x: 0.693663
 Red CIE 1931 Tristimulus y: 0.303614
 Red CIE 1931 Tristimulus Y: 0.013479
 Red CIE 1976 Chroma u': 0.527898
 Red CIE 1976 Chroma v': 0.519883
 Green Total Radiant Flux* (W): 0.043329
 Green Total Luminous Flux* (lm): 20.86159
 Green CIE 1931 Tristimulus x: 0.159971
 Green CIE 1931 Tristimulus y: 0.733125
 Green CIE 1931 Tristimulus Y: 0.030544
 Green CIE 1976 Chroma u': 0.055751
 Green CIE 1976 Chroma v': 0.574872

Blue Total Radiant Flux* (W): 0.07645482
 Blue Total Luminous Flux* (lm): 4.90153498
 Blue CIE 1931 Tristimulus x: 0.13611242
 Blue CIE 1931 Tristimulus y: 0.05537584
 Blue CIE 1931 Tristimulus Y: 0.00717648
 Blue CIE 1976 Chroma u': 0.16049643
 Blue CIE 1976 Chroma v': 0.14691647
 Amber Total Radiant Flux* (W): 0.01506475
 Amber Total Luminous Flux* (lm): 7.51904918
 Amber CIE 1931 Tristimulus x: 0.57520019
 Amber CIE 1931 Tristimulus y: 0.42226512
 Amber CIE 1931 Tristimulus Y: 0.01100886
 Amber CIE 1976 Chroma u': 0.33264039
 Amber CIE 1976 Chroma v': 0.54944432

*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): 631	Blue Peak Wavelength (nm): 462
Red Center Wavelength (nm): 630	Blue Center Wavelength (nm): 463
Red Full Width (nm): 16	Blue Full Width (nm): 22
Red Centroid Wavelength (nm): 628.1747	Blue Centroid Wavelength (nm): 465.4795625
Red Dominant Wavelength (nm): 622	Blue Dominant Wavelength (nm): 467
Red Purity: 99.22025	Blue Purity: 97.19632539
Green Peak Wavelength (nm): 519	Amber Peak Wavelength (nm): 593
Green Center Wavelength (nm): 521	Amber Center Wavelength (nm): 592
Green Full Width (nm): 28	Amber Full Width (nm): 14
Green Centroid Wavelength (nm): 524.5307	Amber Centroid Wavelength (nm): 591.0757192
Green Dominant Wavelength (nm): 525	
Green Purity: 81.57724	

Date of Test: 7/22/14
Length of Test Sample: 150mm
Measurement Geometry: 2pi
Voltage (V): 12

Environmental Lights
888-880-1800