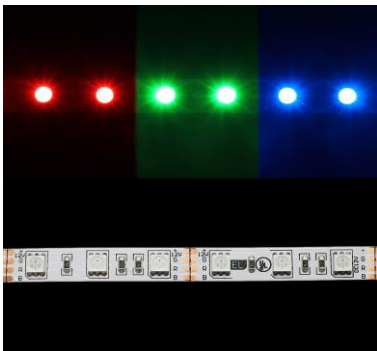
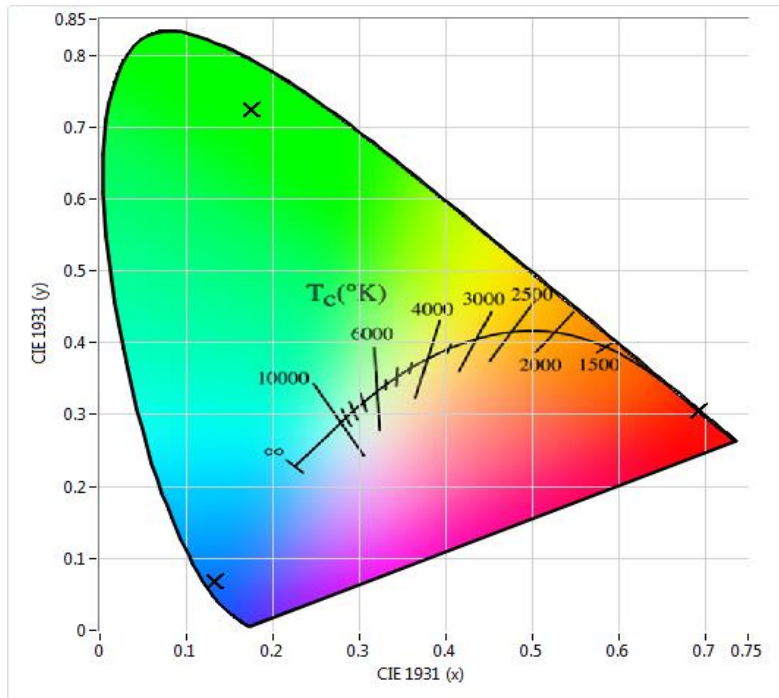


Integrating Sphere Test Report

RGB 5050 LED Strip Light, 60/m, 10mm wide, by the 5m Reel
 RGBDDrf-reel-10



RGBDDrf-reel-10



Photometric Test Results

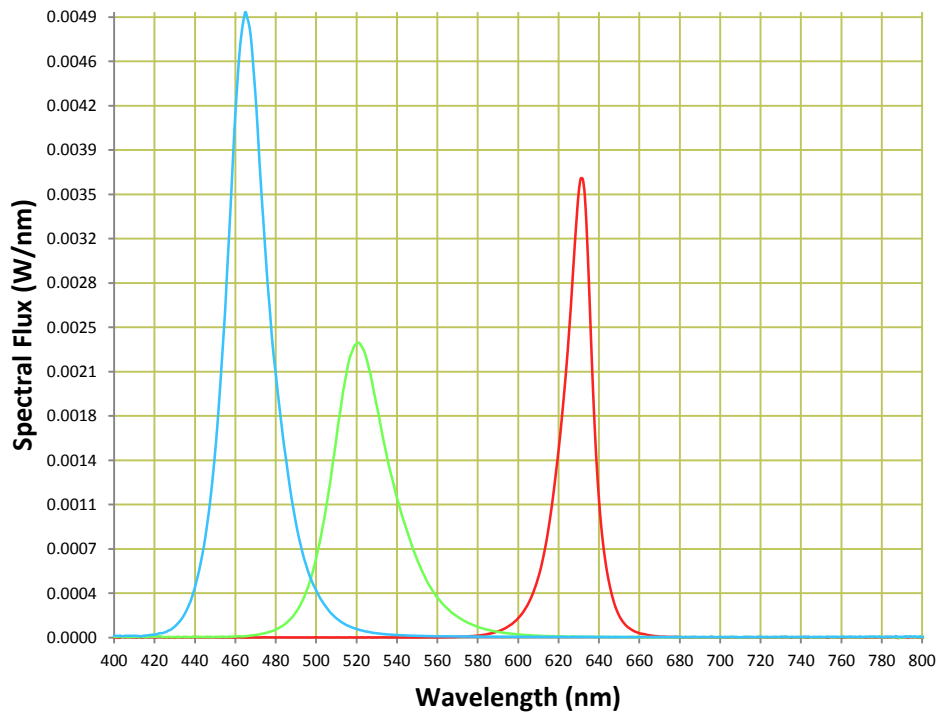
Red Total Radiant Flux* (W): 0.070207
 Red Total Luminous Flux* (lm): 14.23103
 Red CIE 1931 Tristimulus x: 0.693211
 Red CIE 1931 Tristimulus y: 0.304891
 Red CIE 1931 Tristimulus Y: 0.020836
 Red CIE 1976 Chroma u': 0.52593
 Red CIE 1976 Chroma v': 0.520463

Blue Total Radiant Flux* (W): 0.14161607
 Blue Total Luminous Flux* (lm): 10.40298325
 Blue CIE 1931 Tristimulus x: 0.13267341
 Blue CIE 1931 Tristimulus y: 0.06741248
 Blue CIE 1931 Tristimulus Y: 0.01523131
 Blue CIE 1976 Chroma u': 0.14976104
 Blue CIE 1976 Chroma v': 0.1712134

Green Total Radiant Flux* (W): 0.091066
 Green Total Luminous Flux* (lm): 44.71837
 Green CIE 1931 Tristimulus x: 0.173858
 Green CIE 1931 Tristimulus y: 0.724907
 Green CIE 1931 Tristimulus Y: 0.065473
 Green CIE 1976 Chroma u': 0.061265
 Green CIE 1976 Chroma v': 0.574757

*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): 465
Red Center Wavelength (nm): 629.5	Blue Center Wavelength (nm): 466
Red Full Width (nm): 15	Blue Full Width (nm): 24
Red Centroid Wavelength (nm): 627.9798	Blue Centroid Wavelength (nm): 468.1217159
Red Dominant Wavelength (nm): 621	Blue Dominant Wavelength (nm): 469
Red Purity: 99.47049	Blue Purity: 96.17157574
Green Peak Wavelength (nm): 521	
Green Center Wavelength (nm): 522.5	
Green Full Width (nm): 33	
Green Centroid Wavelength (nm): 525.7939	
Green Dominant Wavelength (nm): 527	
Green Purity: 81.17731	

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

Environmental Lights
888-880-1800