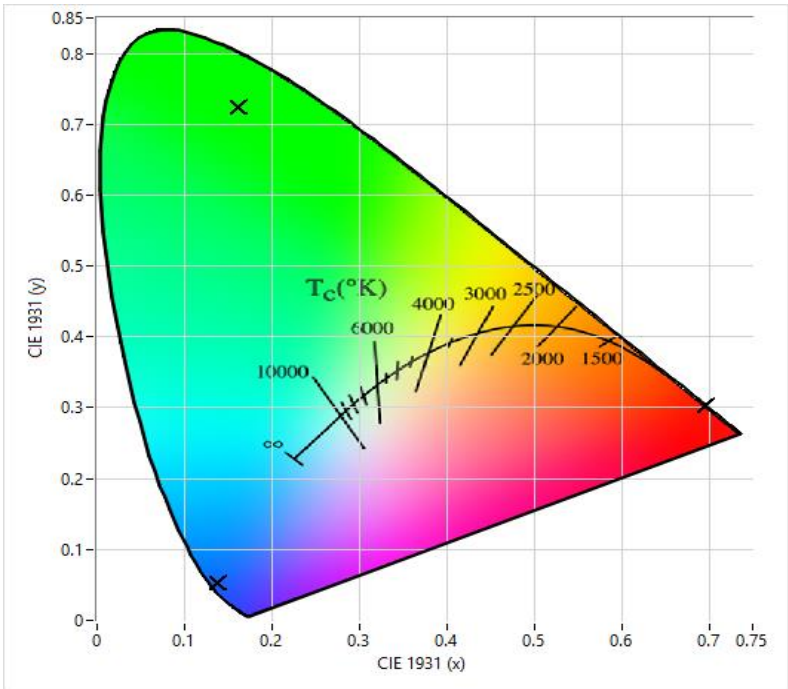


Integrating Sphere Test Report

RGB 5050 LED Strip Light - 96/m - 5m Reel
RGB-5050-96-12-5m



RGB-5050-96-12-5m



Photometric Test Results

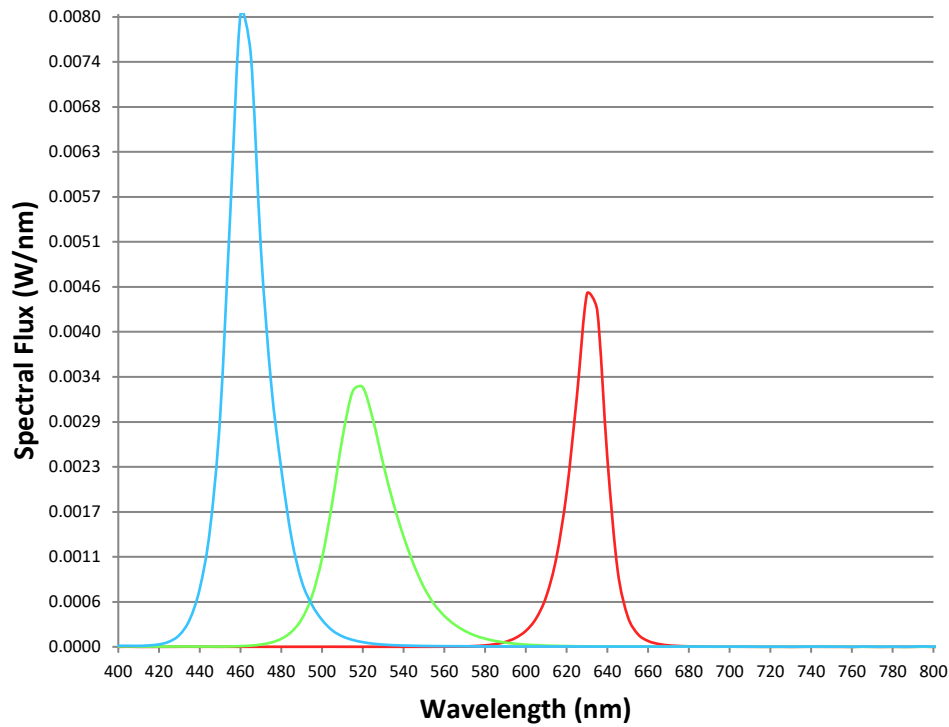
Red Total Radiant Flux* (W): 0.102647
 Red Total Luminous Flux* (lm): 19.90948
 Red CIE 1931 Tristimulus x: 0.695596
 Red CIE 1931 Tristimulus y: 0.303562
 Red CIE 1931 Tristimulus Y: 0.02917
 Red CIE 1976 Chroma u': 0.529822
 Red CIE 1976 Chroma v': 0.520238

Blue Total Radiant Flux* (W): 0.20684
 Blue Total Luminous Flux* (lm): 12.66943
 Blue CIE 1931 Tristimulus x: 0.13751
 Blue CIE 1931 Tristimulus y: 0.052031
 Blue CIE 1931 Tristimulus Y: 0.018577
 Blue CIE 1976 Chroma u': 0.164222
 Blue CIE 1976 Chroma v': 0.139812

Green Total Radiant Flux* (W): 0.128725
 Green Total Luminous Flux* (lm): 61.1045
 Green CIE 1931 Tristimulus x: 0.160493
 Green CIE 1931 Tristimulus y: 0.723323
 Green CIE 1931 Tristimulus Y: 0.089435
 Green CIE 1976 Chroma u': 0.056517
 Green CIE 1976 Chroma v': 0.573111

*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): 632.251
Red Center Wavelength (nm): 630.965
Red Full Width (nm): 17.783
Red Centroid Wavelength (nm): 629.417
Red Dominant Wavelength (nm): 622
Red Purity: 99.7848

Blue Peak Wavelength (nm): 461.605
Blue Center Wavelength (nm): 462.33
Blue Full Width (nm): 18.96
Blue Centroid Wavelength (nm): 464.604
Blue Dominant Wavelength (nm): 466
Blue Purity: 97.39944

Green Peak Wavelength (nm): 517.876
Green Center Wavelength (nm): 520.309
Green Full Width (nm): 32.371
Green Centroid Wavelength (nm): 523.695
Green Dominant Wavelength (nm): 525
Green Purity: 79.18664

Date of Test: 6/10/19
Length of Test Sample: 125mm
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
888-880-1800