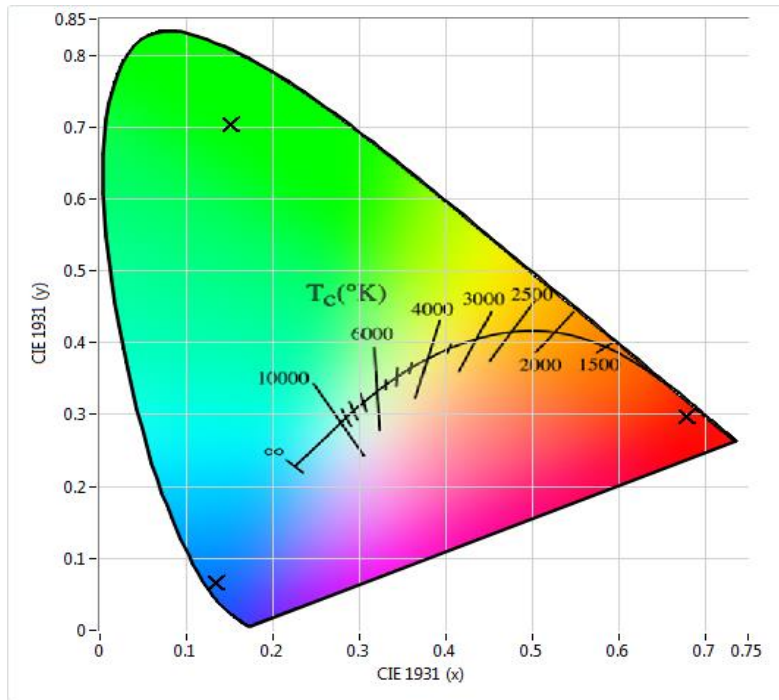


Integrating Sphere Test Report

Waterproof RGB 5050 LED Super Flat Rope, 60/m, with White Finish, by the 20m Reel
SFR-RGB-W-20



SFR-RGB-W-20



Photometric Test Results

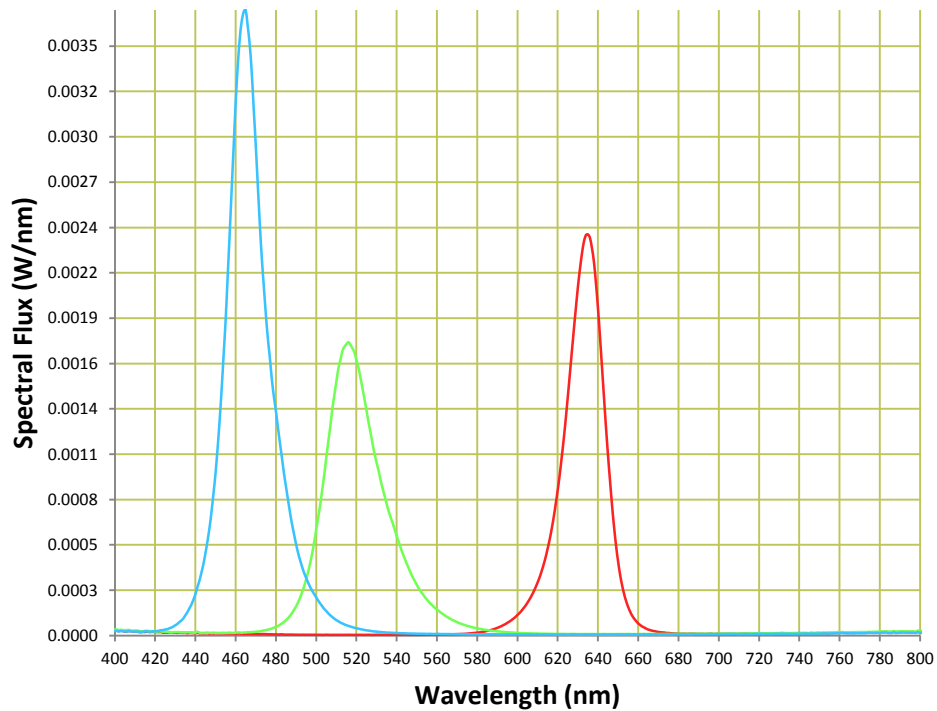
Red Total Radiant Flux* (W): 0.063306
 Red Total Luminous Flux* (lm): 10.86785
 Red CIE 1931 Tristimulus x: 0.6782
 Red CIE 1931 Tristimulus y: 0.297424
 Red CIE 1931 Tristimulus Y: 0.015912
 Red CIE 1976 Chroma u': 0.520422
 Red CIE 1976 Chroma v': 0.513519

Blue Total Radiant Flux* (W): 0.09981016
 Blue Total Luminous Flux* (lm): 7.05543414
 Blue CIE 1931 Tristimulus x: 0.1348092
 Blue CIE 1931 Tristimulus y: 0.06493449
 Blue CIE 1931 Tristimulus Y: 0.01033006
 Blue CIE 1976 Chroma u': 0.15364643
 Blue CIE 1976 Chroma v': 0.16651788

Green Total Radiant Flux* (W): 0.067499
 Green Total Luminous Flux* (lm): 28.9297
 Green CIE 1931 Tristimulus x: 0.150035
 Green CIE 1931 Tristimulus y: 0.703127
 Green CIE 1931 Tristimulus Y: 0.042357
 Green CIE 1976 Chroma u': 0.053885
 Green CIE 1976 Chroma v': 0.568186

*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): 635	Blue Peak Wavelength (nm): 465
Red Center Wavelength (nm): 633.5	Blue Center Wavelength (nm): 465
Red Full Width (nm): 21	Blue Full Width (nm): 20
Red Centroid Wavelength (nm): 631.7255	Blue Centroid Wavelength (nm): 467.4683242
Red Dominant Wavelength (nm): 628	Blue Dominant Wavelength (nm): 469
Red Purity: 92.70572	Blue Purity: 95.98326821
Green Peak Wavelength (nm): 516	
Green Center Wavelength (nm): 518	
Green Full Width (nm): 30	
Green Centroid Wavelength (nm): 521.6096	
Green Dominant Wavelength (nm): 521	
Green Purity: 73.8953	

Date of Test: 7/22/14
Length of Test Sample: 150mm
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
888-880-1800