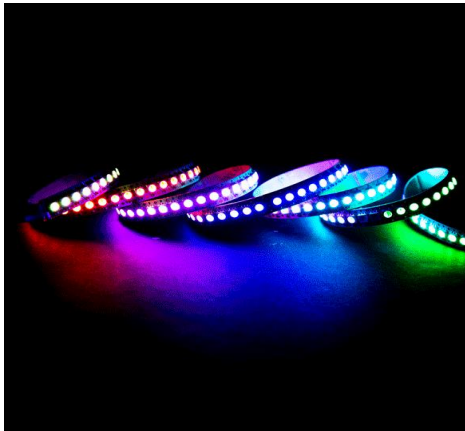


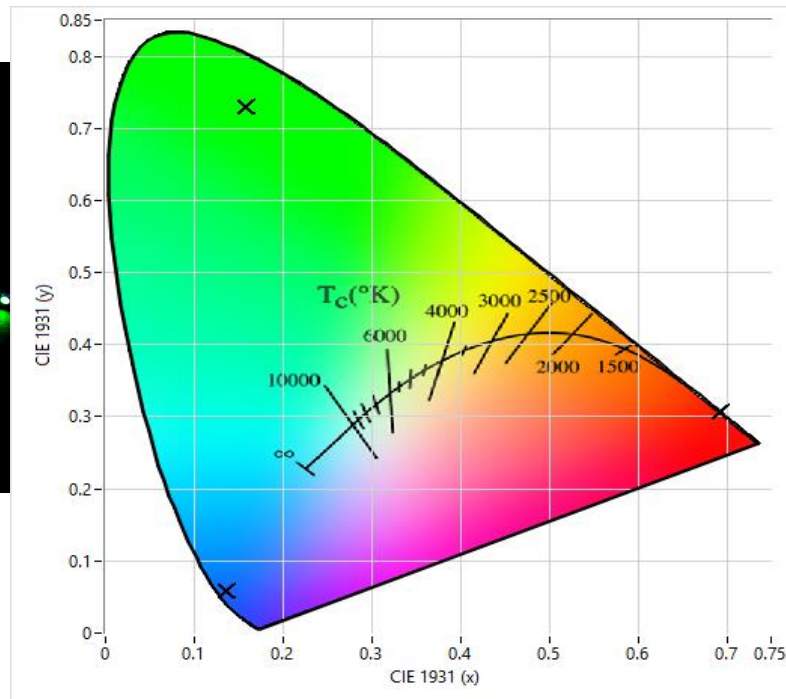
Integrating Sphere Test Report

RGB PixelControl LED Strip Light - 144/m - 1.2m Reel

RGB-pixelcontrol-144-12-1.2m



RGB-pixelcontrol-144-12-1.2m



Photometric Test Results

Red Total Radiant Flux* (W): 0.107343
 Red Total Luminous Flux* (lm): 22.46056
 Red CIE 1931 Tristimulus x: 0.692912
 Red CIE 1931 Tristimulus y: 0.306504
 Red CIE 1931 Tristimulus Y: 0.032905
 Red CIE 1976 Chroma u': 0.523721
 Red CIE 1976 Chroma v': 0.521243

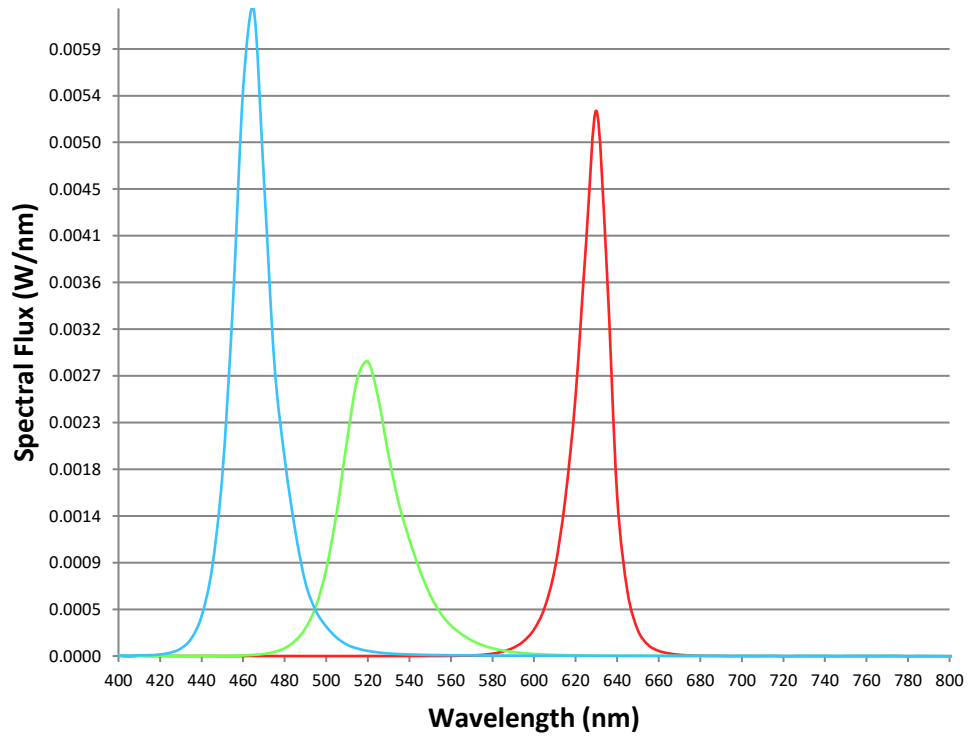
Blue Total Radiant Flux* (W): 0.154843
 Blue Total Luminous Flux* (lm): 10.19853
 Blue CIE 1931 Tristimulus x: 0.134909
 Blue CIE 1931 Tristimulus y: 0.05748
 Blue CIE 1931 Tristimulus Y: 0.014954
 Blue CIE 1976 Chroma u': 0.157792
 Blue CIE 1976 Chroma v': 0.151265

Green Total Radiant Flux* (W): 0.103926
 Green Total Luminous Flux* (lm): 49.69
 Green CIE 1931 Tristimulus x: 0.157514
 Green CIE 1931 Tristimulus y: 0.72934
 Green CIE 1931 Tristimulus Y: 0.072727
 Green CIE 1976 Chroma u': 0.055089
 Green CIE 1976 Chroma v': 0.573929

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

888-880-1880

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 630.378	Blue Peak Wavelength (nm): 464.145
Red Center Wavelength (nm): 628.872	Blue Center Wavelength (nm): 464.067
Red Full Width (nm): 15.857	Blue Full Width (nm): 18.693
Red Centroid Wavelength (nm): 627.203	Blue Centroid Wavelength (nm): 466.33
Red Dominant Wavelength (nm): 620	Blue Dominant Wavelength (nm): 467
Red Purity: 99.86824	Blue Purity: 97.1595
Green Peak Wavelength (nm): 518.976	
Green Center Wavelength (nm): 520.356	
Green Full Width (nm): 29.697	
Green Centroid Wavelength (nm): 523.675	
Green Dominant Wavelength (nm): 525	
Green Purity: 80.37568	

Date of Test: 12/16/19

Length of Test Sample: 100mm

Measurement Geometry: 2pi

Voltage (V): 5V

Environmental Lights

888-880-1800