

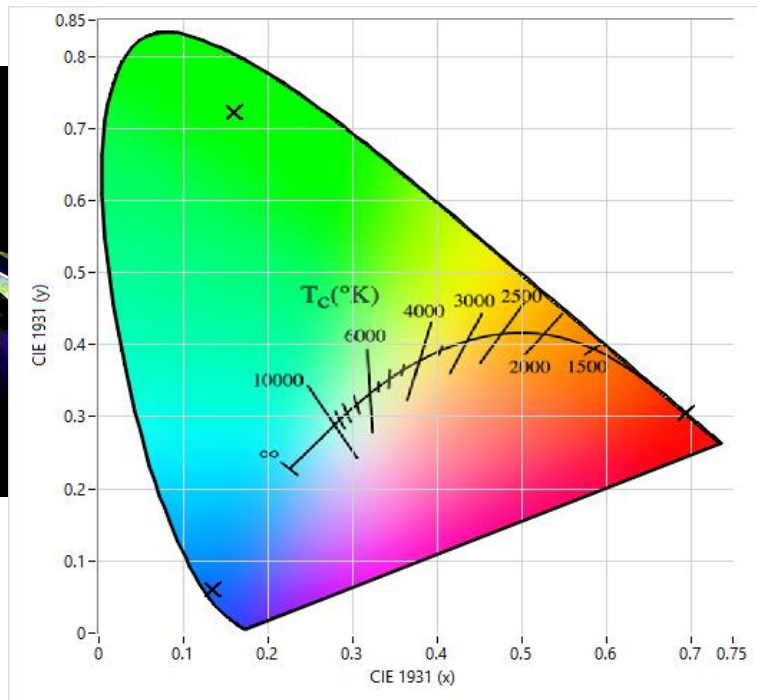
## Integrating Sphere Test Report

RGB PixelControl LED Strip Light - 30/m - 5.6m Reel

RGB-pixelcontrol-30-10-5.6m



RGB-pixelcontrol-30-10-5.6m



### Photometric Test Results

Red Total Radiant Flux\* (W): 0.025752  
 Red Total Luminous Flux\* (lm): 5.185716  
 Red CIE 1931 Tristimulus x: 0.694641  
 Red CIE 1931 Tristimulus y: 0.304843  
 Red CIE 1931 Tristimulus Y: 0.007597  
 Red CIE 1976 Chroma u': 0.527359  
 Red CIE 1976 Chroma v': 0.52072

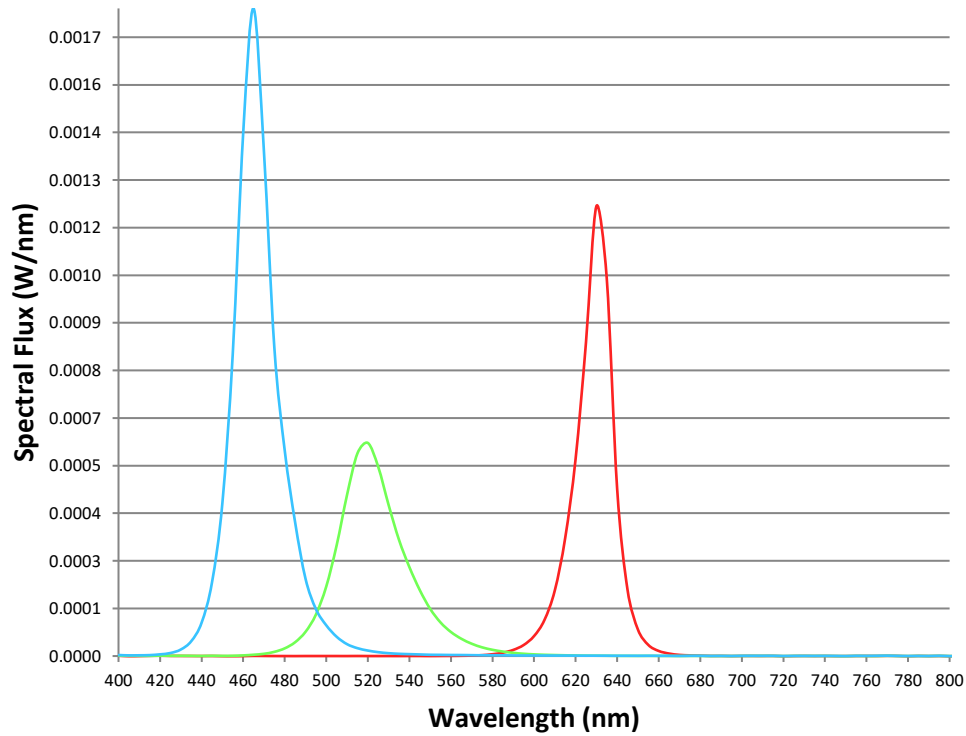
Blue Total Radiant Flux\* (W): 0.042956  
 Blue Total Luminous Flux\* (lm): 2.946888  
 Blue CIE 1931 Tristimulus x: 0.133762  
 Blue CIE 1931 Tristimulus y: 0.060996  
 Blue CIE 1931 Tristimulus Y: 0.004321  
 Blue CIE 1976 Chroma u': 0.154441  
 Blue CIE 1976 Chroma v': 0.158458

Green Total Radiant Flux\* (W): 0.02235  
 Green Total Luminous Flux\* (lm): 10.60746  
 Green CIE 1931 Tristimulus x: 0.159396  
 Green CIE 1931 Tristimulus y: 0.722814  
 Green CIE 1931 Tristimulus Y: 0.015525  
 Green CIE 1976 Chroma u': 0.05615  
 Green CIE 1976 Chroma v': 0.572905

\*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): 631.529	Blue Peak Wavelength (nm): 464.878
Red Center Wavelength (nm): 630.012	Blue Center Wavelength (nm): 464.961
Red Full Width (nm): 15.837	Blue Full Width (nm): 18.233
Red Centroid Wavelength (nm): 628.283	Blue Centroid Wavelength (nm): 467.203
Red Dominant Wavelength (nm): 621	Blue Dominant Wavelength (nm): 468
Red Purity: 99.88522	Blue Purity: 96.89513
Green Peak Wavelength (nm): 518.92	
Green Center Wavelength (nm): 520.502	
Green Full Width (nm): 31.477	
Green Centroid Wavelength (nm): 523.566	
Green Dominant Wavelength (nm): 524	
Green Purity: 78.95682	

Date of Test: 12/13/19

Length of Test Sample: 100mm

Measurement Geometry: 2pi

Voltage (V): 5

**Environmental Lights**

**888-880-1800**