

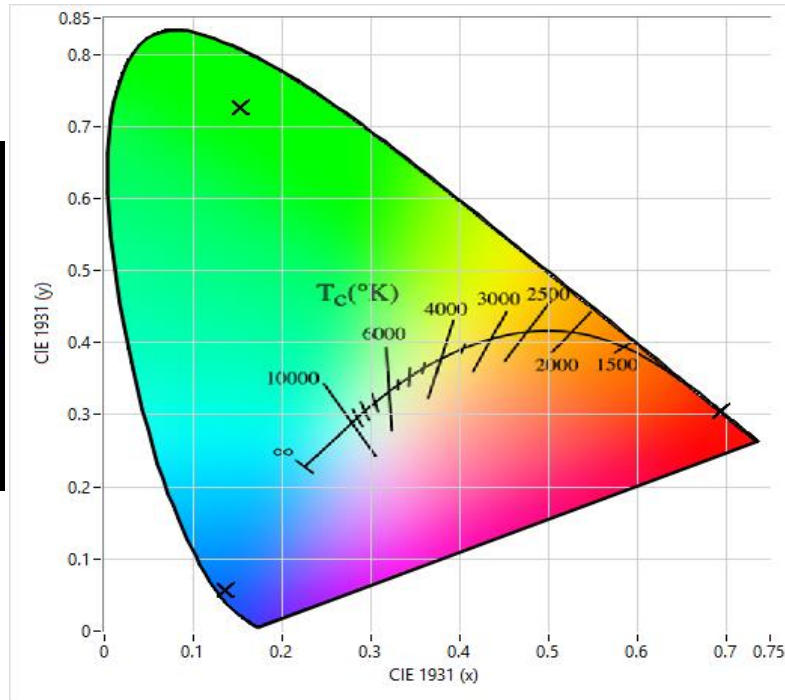
Integrating Sphere Test Report

RGB PixelControl LED Strip Light - 60/m - 2.8m Reel

RGB-pixelcontrol-60-10-2.8m



RGB-pixelcontrol-60-10-2.8m



Photometric Test Results

Red Total Radiant Flux* (W): 0.072808
 Red Total Luminous Flux* (lm): 14.5888
 Red CIE 1931 Tristimulus x: 0.694322
 Red CIE 1931 Tristimulus y: 0.304689
 Red CIE 1931 Tristimulus Y: 0.021374
 Red CIE 1976 Chroma u': 0.527238
 Red CIE 1976 Chroma v': 0.520576

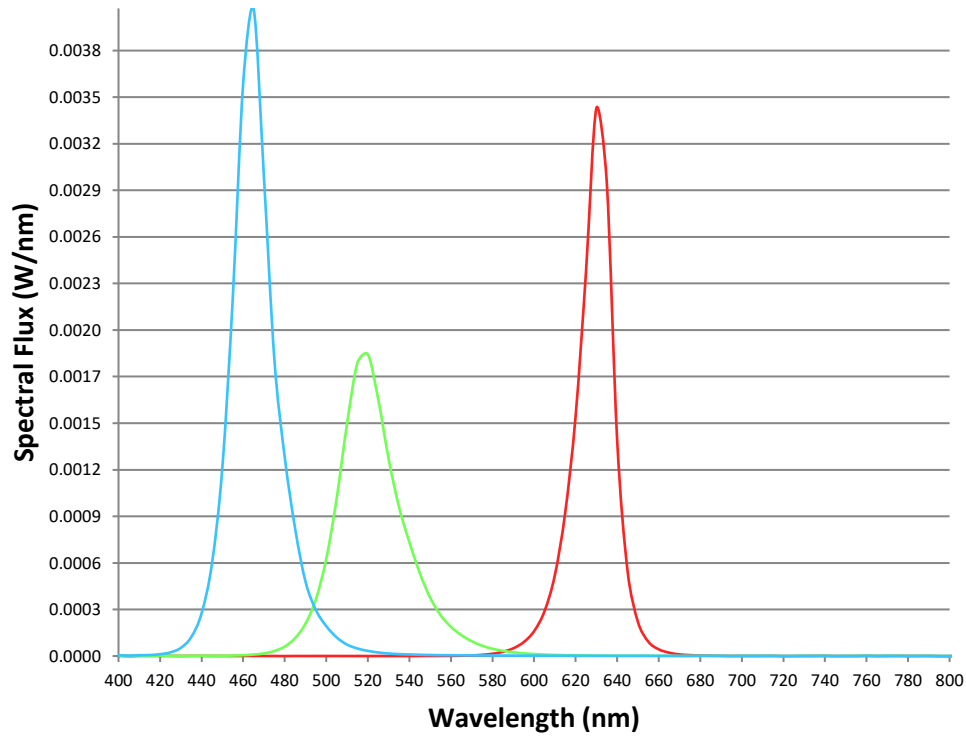
Blue Total Radiant Flux* (W): 0.1015
 Blue Total Luminous Flux* (lm): 6.646371
 Blue CIE 1931 Tristimulus x: 0.135009
 Blue CIE 1931 Tristimulus y: 0.057134
 Blue CIE 1931 Tristimulus Y: 0.009746
 Blue CIE 1976 Chroma u': 0.158109
 Blue CIE 1976 Chroma v': 0.150548

Green Total Radiant Flux* (W): 0.069142
 Green Total Luminous Flux* (lm): 32.41357
 Green CIE 1931 Tristimulus x: 0.151916
 Green CIE 1931 Tristimulus y: 0.726333
 Green CIE 1931 Tristimulus Y: 0.047442
 Green CIE 1976 Chroma u': 0.053247
 Green CIE 1976 Chroma v': 0.572809

*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): 631.726	Blue Peak Wavelength (nm): 464.047
Red Center Wavelength (nm): 630.135	Blue Center Wavelength (nm): 464.05
Red Full Width (nm): 16.169	Blue Full Width (nm): 19.004
Red Centroid Wavelength (nm): 628.441	Blue Centroid Wavelength (nm): 466.228
Red Dominant Wavelength (nm): 621	Blue Dominant Wavelength (nm): 467
Red Purity: 99.74292	Blue Purity: 97.19098
Green Peak Wavelength (nm): 518.146	
Green Center Wavelength (nm): 519.603	
Green Full Width (nm): 29.532	
Green Centroid Wavelength (nm): 522.738	
Green Dominant Wavelength (nm): 523	
Green Purity: 79.17102	

Date of Test: 12/12/19

Length of Test Sample: 150mm

Measurement Geometry: 2pi

Voltage (V): 5

Environmental Lights

888-880-1800