

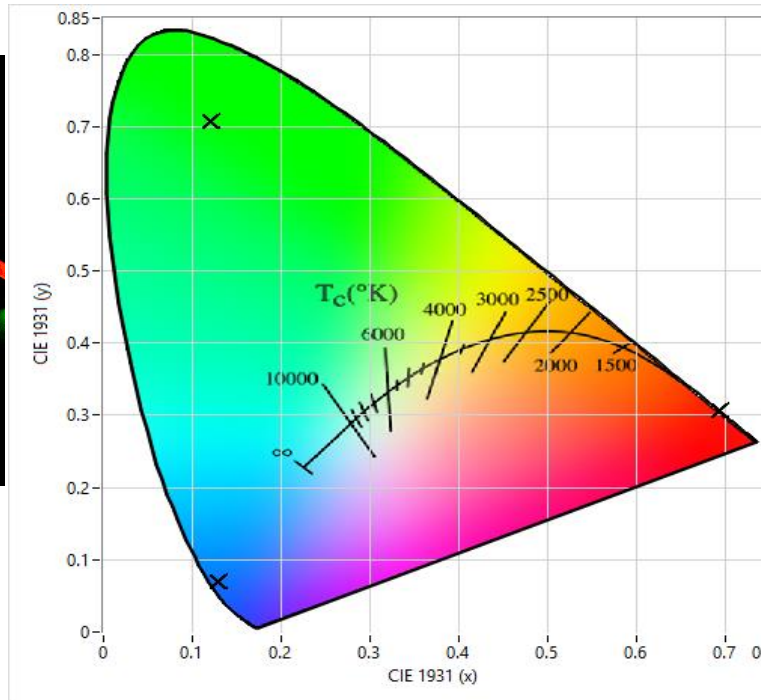
## Integrating Sphere Test Report

RGB Precision PixelControl LED Strip Light - 60/m - 12V - 5m Reel

RGB-XPpixelcontrol-60-10-12V-5m



RGB-XPpixelcontrol-60-10-12V-5m



### Photometric Test Results

Red Total Radiant Flux\* (W): 0.029509  
 Red Total Luminous Flux\* (lm): 6.175612  
 Red CIE 1931 Tristimulus x: 0.693335  
 Red CIE 1931 Tristimulus y: 0.306609  
 Red CIE 1931 Tristimulus Y: 0.009047  
 Red CIE 1976 Chroma u': 0.524  
 Red CIE 1976 Chroma v': 0.521381

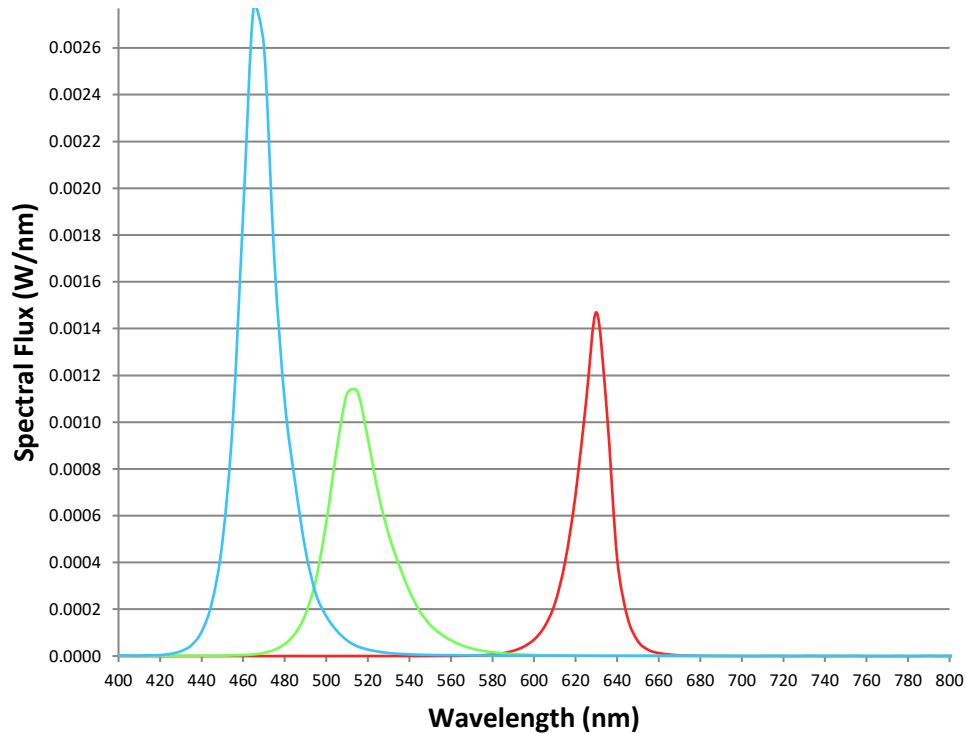
Blue Total Radiant Flux\* (W): 0.069779  
 Blue Total Luminous Flux\* (lm): 5.196294  
 Blue CIE 1931 Tristimulus x: 0.129283  
 Blue CIE 1931 Tristimulus y: 0.069492  
 Blue CIE 1931 Tristimulus Y: 0.00762  
 Blue CIE 1976 Chroma u': 0.144639  
 Blue CIE 1976 Chroma v': 0.174927

Green Total Radiant Flux\* (W): 0.039522  
 Green Total Luminous Flux\* (lm): 16.5845  
 Green CIE 1931 Tristimulus x: 0.120322  
 Green CIE 1931 Tristimulus y: 0.707689  
 Green CIE 1931 Tristimulus Y: 0.024279  
 Green CIE 1976 Chroma u': 0.042775  
 Green CIE 1976 Chroma v': 0.566069

\*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): 630.671	Blue Peak Wavelength (nm): 466.868
Red Center Wavelength (nm): 628.912	Blue Center Wavelength (nm): 467.15
Red Full Width (nm): 15.591	Blue Full Width (nm): 18.461
Red Centroid Wavelength (nm): 627.205	Blue Centroid Wavelength (nm): 469.485
Red Dominant Wavelength (nm): 0	Blue Dominant Wavelength (nm): 470
Red Purity: 0	Blue Purity: 96.78349
Green Peak Wavelength (nm): 512.625	
Green Center Wavelength (nm): 514.053	
Green Full Width (nm): 27.499	
Green Centroid Wavelength (nm): 517.442	
Green Dominant Wavelength (nm): 517	
Green Purity: 76.0252	

Date of Test: 2/12/20

Length of Test Sample: 134mm

Measurement Geometry: 2pi

Voltage (V): 12V

Environmental Lights

888-880-1800