

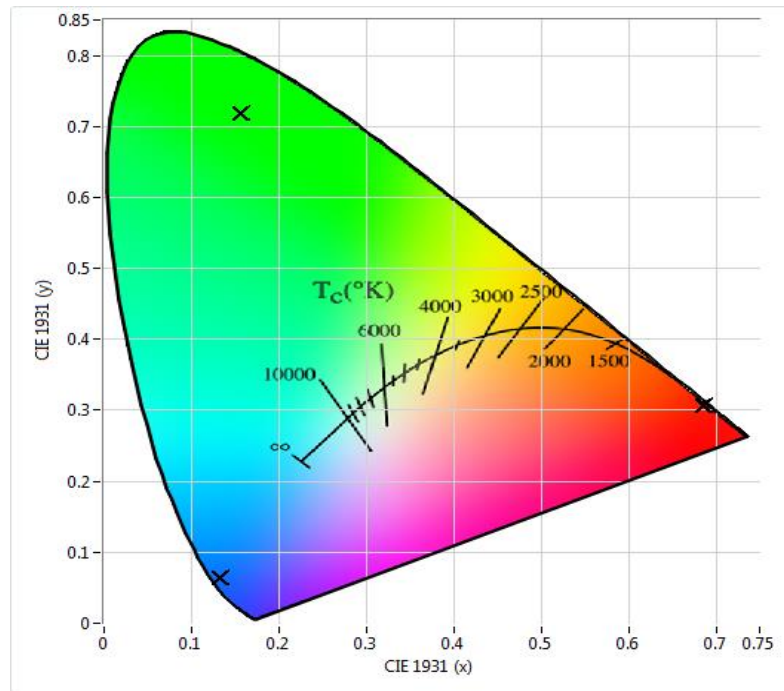
## Integrating Sphere Test Report

RGB 3535 LED Strip Light, 120/m, 12mm wide, by the 2.5m Reel

RGB-3535-120-reel



RGB-3535-120-reel



### Photometric Test Results

Red Total Radiant Flux\* (W): 0.186899  
 Red Total Luminous Flux\* (lm): 40.11223  
 Red CIE 1931 Tristimulus x: 0.686364  
 Red CIE 1931 Tristimulus y: 0.306653  
 Red CIE 1931 Tristimulus Y: 0.058729  
 Red CIE 1976 Chroma u': 0.517316  
 Red CIE 1976 Chroma v': 0.520034

Blue Total Radiant Flux\* (W): 0.306261  
 Blue Total Luminous Flux\* (lm): 21.62552  
 Blue CIE 1931 Tristimulus x: 0.132914  
 Blue CIE 1931 Tristimulus y: 0.064046  
 Blue CIE 1931 Tristimulus Y: 0.031663  
 Blue CIE 1976 Chroma u': 0.151783  
 Blue CIE 1976 Chroma v': 0.164562

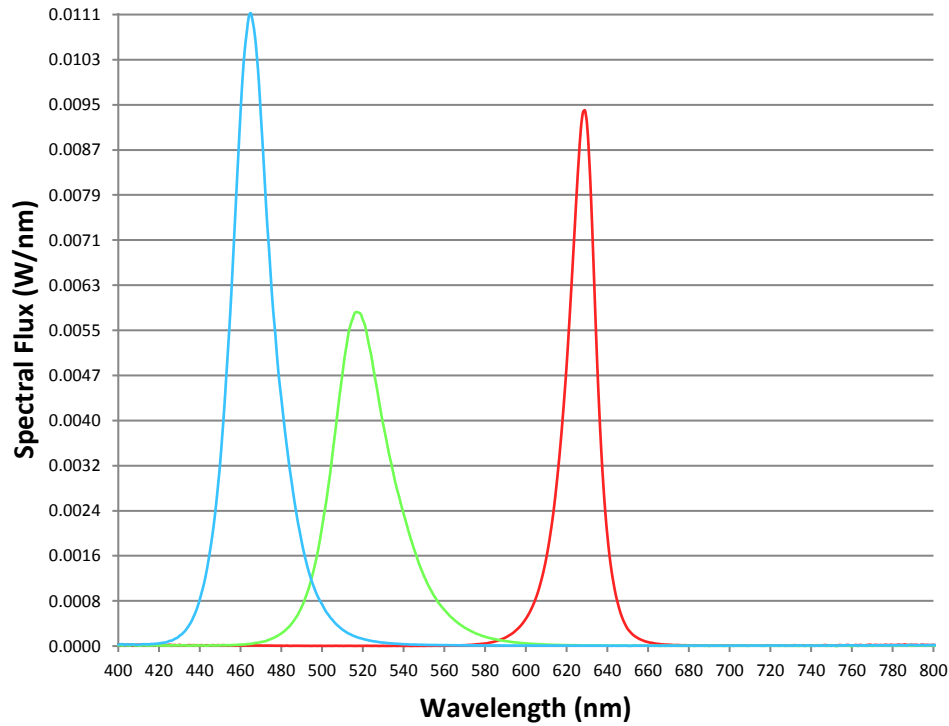
Green Total Radiant Flux\* (W): 0.225195  
 Green Total Luminous Flux\* (lm): 104.4675  
 Green CIE 1931 Tristimulus x: 0.155392  
 Green CIE 1931 Tristimulus y: 0.718182  
 Green CIE 1931 Tristimulus Y: 0.152954  
 Green CIE 1976 Chroma u': 0.05497  
 Green CIE 1976 Chroma v': 0.571629

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

Environmental Lights

888-880-1880

# Spectral Power Distribution



## spectral response characteristics

Red Peak Wavelength (nm): 629  
Red Center Wavelength (nm): 627.5  
Red Full Width (nm): 15  
Red Centroid Wavelength (nm): 625.8954  
Red Dominant Wavelength (nm): 621  
Red Purity: 97.94703

Blue Peak Wavelength (nm): 465  
Blue Center Wavelength (nm): 465.5  
Blue Full Width (nm): 23  
Blue Centroid Wavelength (nm): 467.6358  
Blue Dominant Wavelength (nm): 469  
Blue Purity: 96.6363

Green Peak Wavelength (nm): 517  
Green Center Wavelength (nm): 520  
Green Full Width (nm): 32  
Green Centroid Wavelength (nm): 522.6554  
Green Dominant Wavelength (nm): 523  
Green Purity: 77.50914

Date of Test: 3/24/16  
Length of Test Sample: 150mm  
Measurement Geometry: 2pi  
Voltage (V): 24

**Environmental Lights**  
**888-880-1800**