

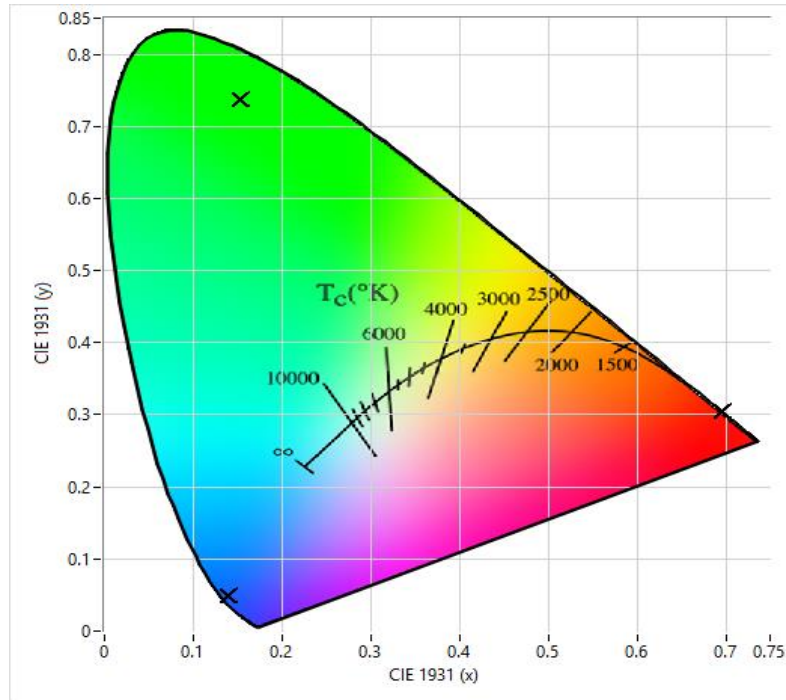
## Integrating Sphere Test Report

MaxRun RGB 4040 LED Strip Light - 84/m - 10m Reel

RGB-CC4040MR-84-10-10m



RGB-CC4040MR-84-10-10m



### Photometric Test Results

Red Total Radiant Flux\* (W): 0.091624  
 Red Total Luminous Flux\* (lm): 18.38211  
 Red CIE 1931 Tristimulus x: 0.695335  
 Red CIE 1931 Tristimulus y: 0.303778  
 Red CIE 1931 Tristimulus Y: 0.026931  
 Red CIE 1976 Chroma u': 0.52931  
 Red CIE 1976 Chroma v': 0.5203

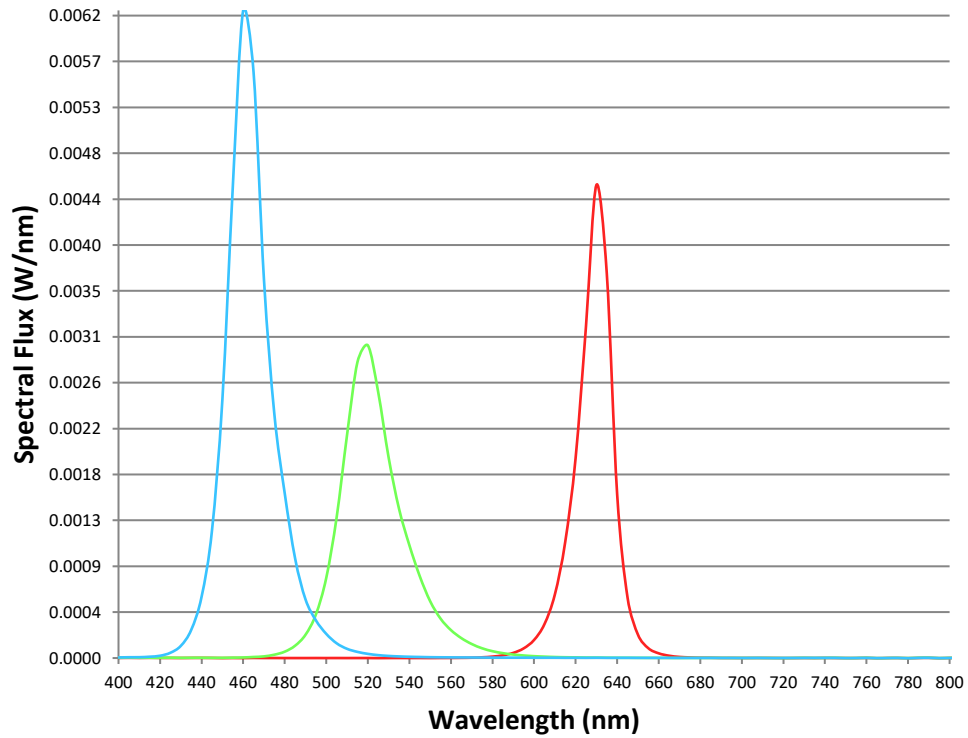
Blue Total Radiant Flux\* (W): 0.156566  
 Blue Total Luminous Flux\* (lm): 9.273736  
 Blue CIE 1931 Tristimulus x: 0.138637  
 Blue CIE 1931 Tristimulus y: 0.049506  
 Blue CIE 1931 Tristimulus Y: 0.013598  
 Blue CIE 1976 Chroma u': 0.167193  
 Blue CIE 1976 Chroma v': 0.134333

Green Total Radiant Flux\* (W): 0.103386  
 Green Total Luminous Flux\* (lm): 49.43841  
 Green CIE 1931 Tristimulus x: 0.15252  
 Green CIE 1931 Tristimulus y: 0.736239  
 Green CIE 1931 Tristimulus Y: 0.072358  
 Green CIE 1976 Chroma u': 0.052913  
 Green CIE 1976 Chroma v': 0.574696

\*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): 631.302	Blue Peak Wavelength (nm): 461.336
Red Center Wavelength (nm): 629.954	Blue Center Wavelength (nm): 461.57
Red Full Width (nm): 15.515	Blue Full Width (nm): 18.858
Red Centroid Wavelength (nm): 628.316	Blue Centroid Wavelength (nm): 463.853
Red Dominant Wavelength (nm): 622	Blue Dominant Wavelength (nm): 465
Red Purity: 99.77173	Blue Purity: 97.54633
Green Peak Wavelength (nm): 518.686	
Green Center Wavelength (nm): 520.034	
Green Full Width (nm): 27.45	
Green Centroid Wavelength (nm): 523.452	
Green Dominant Wavelength (nm): 524	
Green Purity: 81.60041	

Date of Test: 1/29/20  
Length of Test Sample: 145mm  
Measurement Geometry: 2pi  
Voltage (V): 24

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