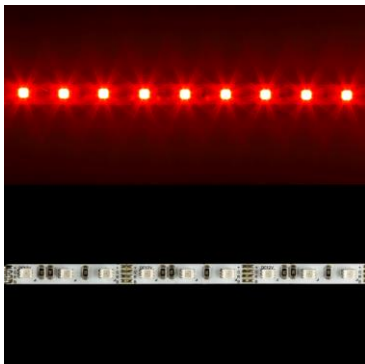


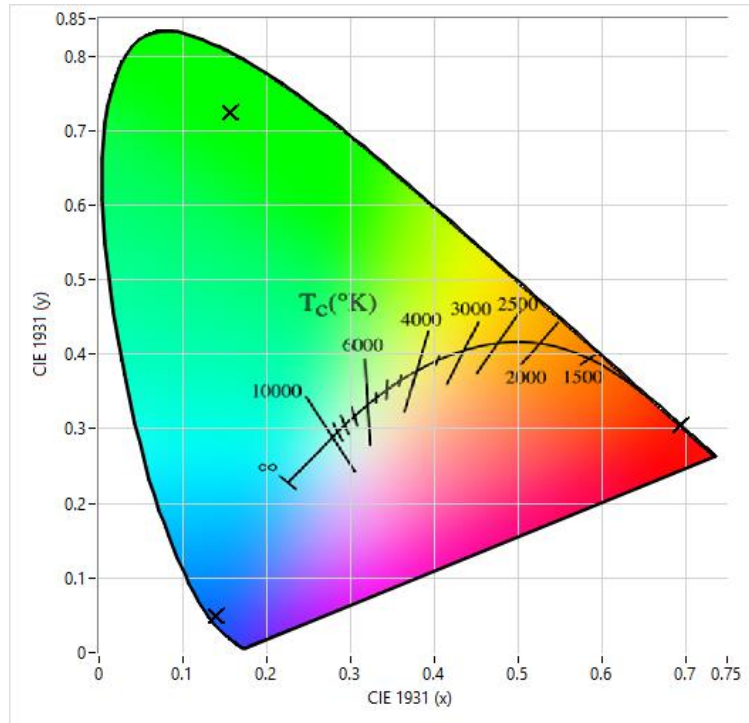
Integrating Sphere Test Report

UltraSlim RGB 2835 LED Strip Light - 84/m - 5m Reel

RGB-2835US-84-6-5m



RGB-2835US-84-6-5m



Photometric Test Results

Red Total Radiant Flux* (W): 0.075976
 Red Total Luminous Flux* (lm): 15.24886
 Red CIE 1931 Tristimulus x: 0.694093
 Red CIE 1931 Tristimulus y: 0.304663
 Red CIE 1931 Tristimulus Y: 0.022341
 Red CIE 1976 Chroma u': 0.527048
 Red CIE 1976 Chroma v': 0.520518

Blue Total Radiant Flux* (W): 0.138502
 Blue Total Luminous Flux* (lm): 8.170548
 Blue CIE 1931 Tristimulus x: 0.13903
 Blue CIE 1931 Tristimulus y: 0.049334
 Blue CIE 1931 Tristimulus Y: 0.011981
 Blue CIE 1976 Chroma u': 0.167812
 Blue CIE 1976 Chroma v': 0.133981

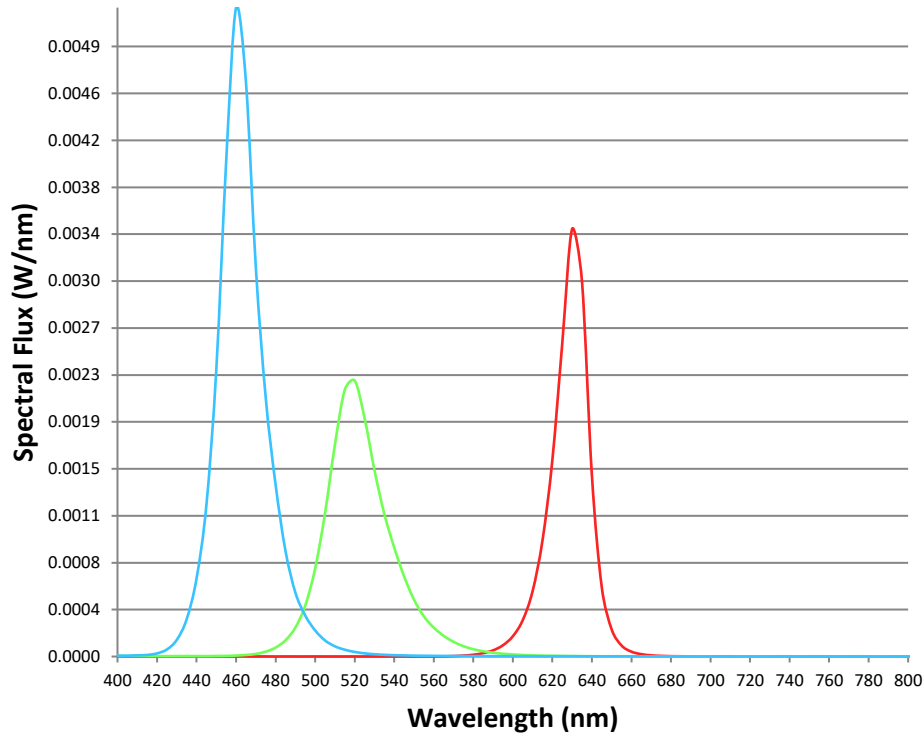
Green Total Radiant Flux* (W): 0.083869
 Green Total Luminous Flux* (lm): 39.50183
 Green CIE 1931 Tristimulus x: 0.155912
 Green CIE 1931 Tristimulus y: 0.723856
 Green CIE 1931 Tristimulus Y: 0.057816
 Green CIE 1976 Chroma u': 0.054829
 Green CIE 1976 Chroma v': 0.572749

*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): 631.64
Red Center Wavelength (nm): 630.06
Red Full Width (nm): 17.26
Red Centroid Wavelength (nm): 628.37
Red Dominant Wavelength (nm): 621
Red Purity: 99.66644

Blue Peak Wavelength (nm): 460.86
Blue Center Wavelength (nm): 461.49
Blue Full Width (nm): 20.35
Blue Centroid Wavelength (nm): 463.54
Blue Dominant Wavelength (nm): 465
Blue Purity: 97.4795

Green Peak Wavelength (nm): 518.34
Green Center Wavelength (nm): 519.98
Green Full Width (nm): 30.31
Green Centroid Wavelength (nm): 523.21
Green Dominant Wavelength (nm): 524
Green Purity: 78.90113

Date of Test: 6/12/18
Length of Test Sample: 106.5mm
Measurement Geometry: 2pi
Voltage (V): 12

Environmental Lights
888-880-1800