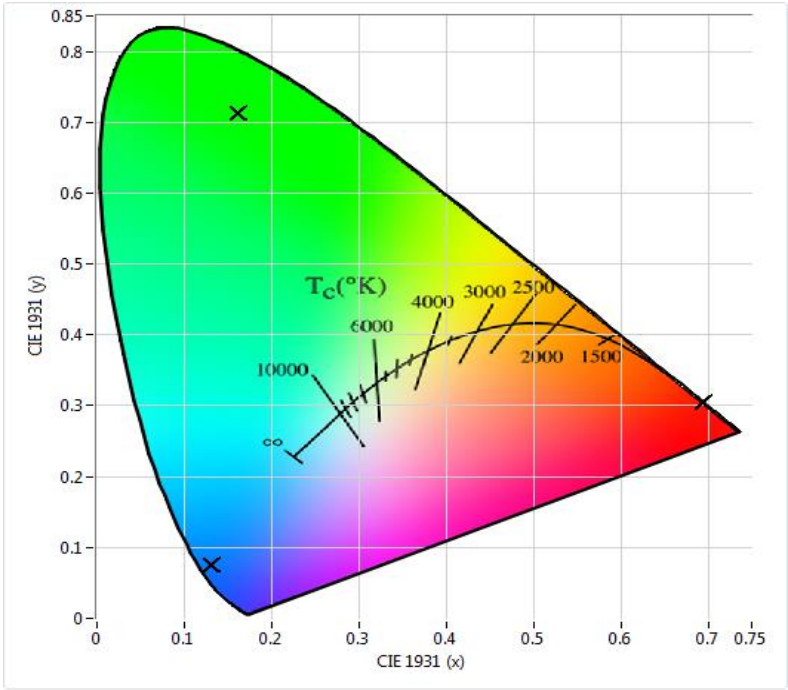


Integrating Sphere Test Report

RGB 5050 LED Strip Light, 30/m, 12mm wide, by the 20m Reel
RGB-reel-12



RGB-reel-12



Photometric Test Results

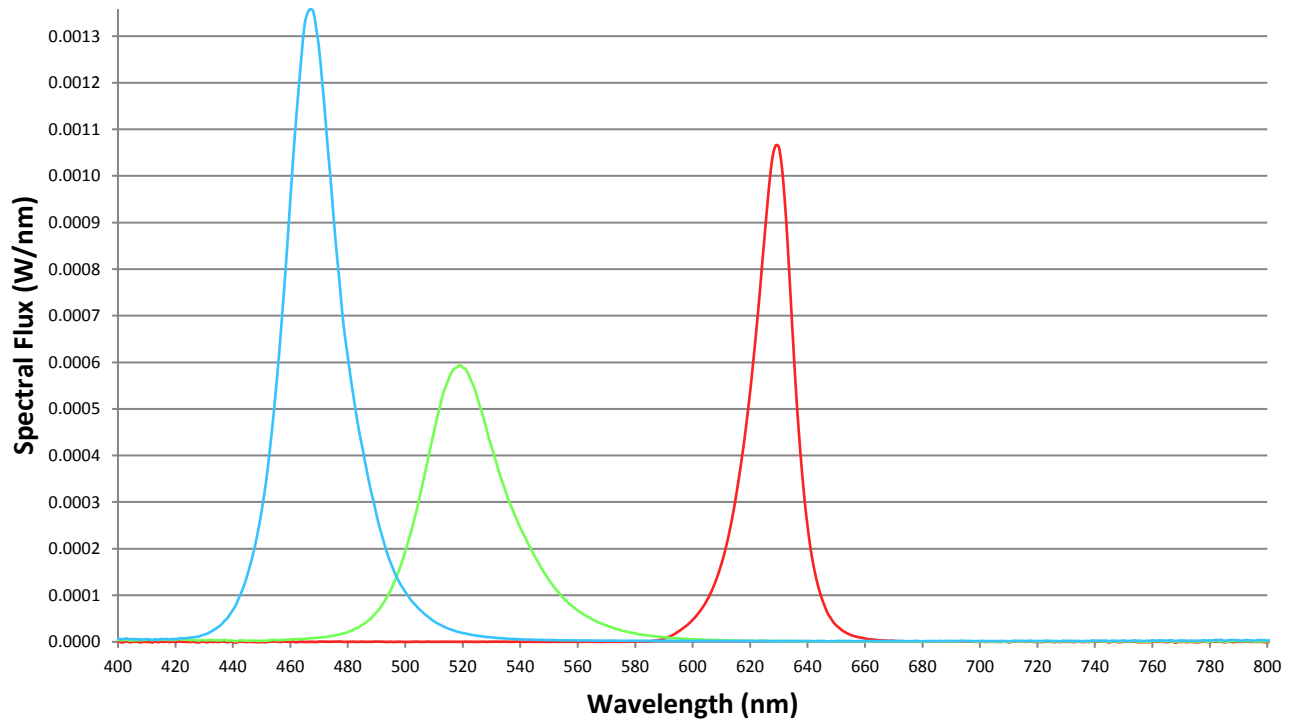
Red Total Radiant Flux* (W): 0.020783
 Red Total Luminous Flux* (lm): 4.401189
 Red CIE 1931 Tristimulus x: 0.694723
 Red CIE 1931 Tristimulus y: 0.305366
 Red CIE 1931 Tristimulus Y: 0.006444
 Red CIE 1976 Chroma u': 0.52681
 Red CIE 1976 Chroma v': 0.521009

Blue Total Radiant Flux* (W): 0.03737119
 Blue Total Luminous Flux* (lm): 2.91466527
 Blue CIE 1931 Tristimulus x: 0.12987018
 Blue CIE 1931 Tristimulus y: 0.07468542
 Blue CIE 1931 Tristimulus Y: 0.00426745
 Blue CIE 1976 Chroma u': 0.14285244
 Blue CIE 1976 Chroma v': 0.18484027

Green Total Radiant Flux* (W): 0.023142
 Green Total Luminous Flux* (lm): 10.81952
 Green CIE 1931 Tristimulus x: 0.161262
 Green CIE 1931 Tristimulus y: 0.712968
 Green CIE 1931 Tristimulus Y: 0.015841
 Green CIE 1976 Chroma u': 0.057424
 Green CIE 1976 Chroma v': 0.571233

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

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 629	Blue Peak Wavelength (nm): 467
Red Center Wavelength (nm): 628	Blue Center Wavelength (nm): 468
Red Full Width (nm): 16	Blue Full Width (nm): 22
Red Centroid Wavelength (nm): 626.6128	Blue Centroid Wavelength (nm): 469.9357365
Red Dominant Wavelength (nm): 0	Blue Dominant Wavelength (nm): 471
Red Purity: 0	Blue Purity: 95.83204344

Green Peak Wavelength (nm): 519
Green Center Wavelength (nm): 520
Green Full Width (nm): 32
Green Centroid Wavelength (nm): 523.4673
Green Dominant Wavelength (nm): 524
Green Purity: 76.737

Date of Test: 4/23/15
Length of Test Sample: 150mm
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
888-880-1800