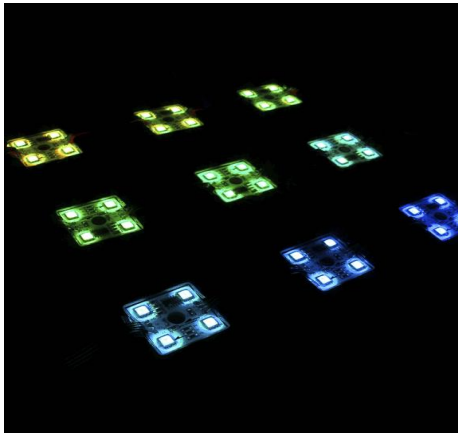
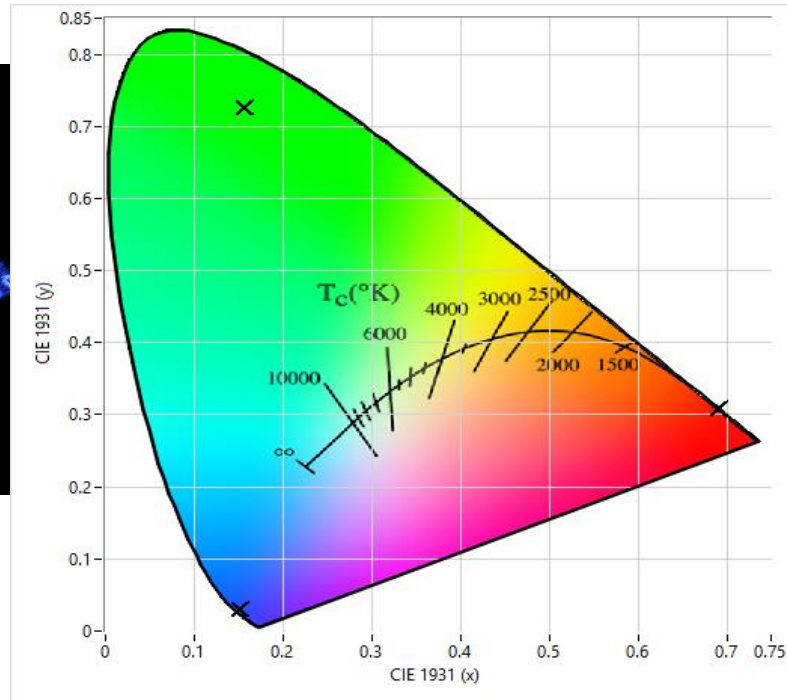


Integrating Sphere Test Report

RGB PixelControl Square Module - 40mm - 12V - String of 20
RGB-pixelcontrol-sq



RGB-pixelcontrol-sq



Photometric Test Results

Red Total Radiant Flux* (W): 0.013262
 Red Total Luminous Flux* (lm): 3.008713
 Red CIE 1931 Tristimulus x: 0.691095
 Red CIE 1931 Tristimulus y: 0.307818
 Red CIE 1931 Tristimulus Y: 0.004407
 Red CIE 1976 Chroma u': 0.520439
 Red CIE 1976 Chroma v': 0.521566

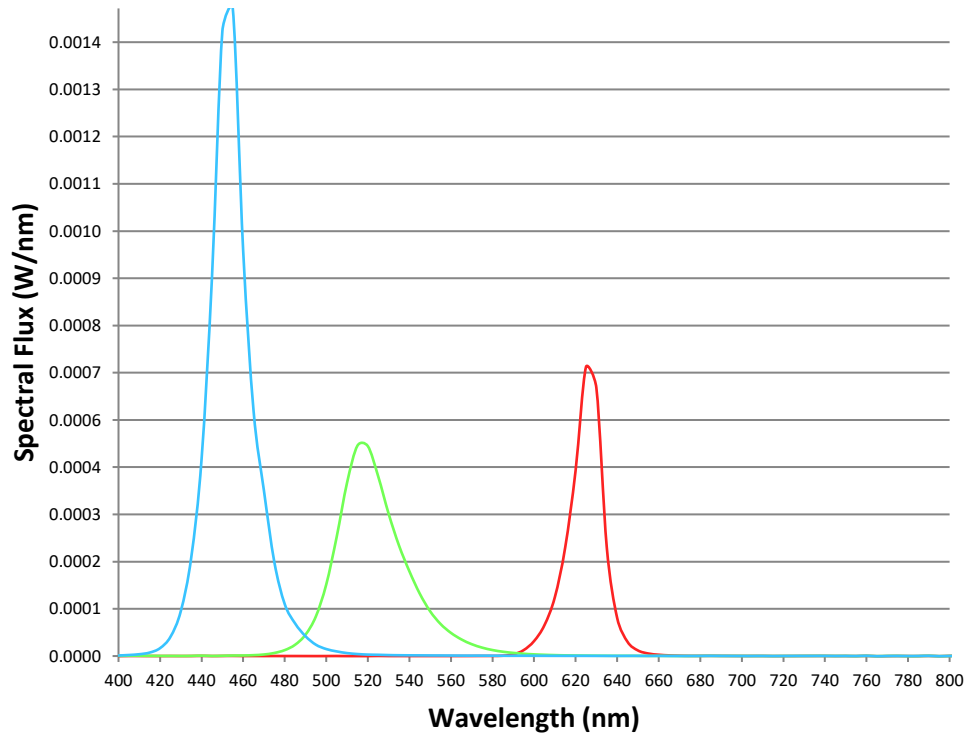
Blue Total Radiant Flux* (W): 0.035919
 Blue Total Luminous Flux* (lm): 1.411517
 Blue CIE 1931 Tristimulus x: 0.150347
 Blue CIE 1931 Tristimulus y: 0.029452
 Blue CIE 1931 Tristimulus Y: 0.00207
 Blue CIE 1976 Chroma u': 0.197
 Blue CIE 1976 Chroma v': 0.08683

Green Total Radiant Flux* (W): 0.018793
 Green Total Luminous Flux* (lm): 8.858965
 Green CIE 1931 Tristimulus x: 0.156362
 Green CIE 1931 Tristimulus y: 0.725449
 Green CIE 1931 Tristimulus Y: 0.012966
 Green CIE 1976 Chroma u': 0.054899
 Green CIE 1976 Chroma v': 0.573092

*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): 627.358	Blue Peak Wavelength (nm): 452.865
Red Center Wavelength (nm): 625.868	Blue Center Wavelength (nm): 452.786
Red Full Width (nm): 14.25	Blue Full Width (nm): 16.474
Red Centroid Wavelength (nm): 624.477	Blue Centroid Wavelength (nm): 454.614
Red Dominant Wavelength (nm): 620	Blue Dominant Wavelength (nm): 457
Red Purity: 99.71889	Blue Purity: 98.73852
Green Peak Wavelength (nm): 517.378	
Green Center Wavelength (nm): 519.679	
Green Full Width (nm): 31.227	
Green Centroid Wavelength (nm): 523.254	
Green Dominant Wavelength (nm): 524	
Green Purity: 79.32687	

Date of Test: 1/29/20

Length of test Sample: 1 Module

Measurement Geometry: 2pi

Voltage (V): 12

Environmental Lights

888-880-1800