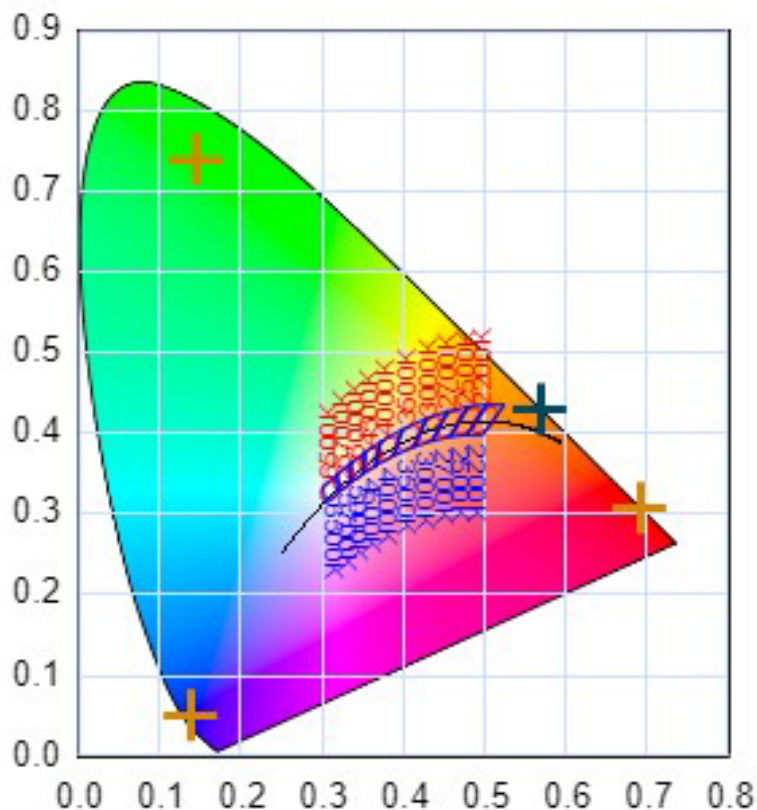

Integrating Sphere Test Report

Part Number: RGBA-5050-60-24V

**Photometric Test Results**

Red Total Radiant Flux* (W): 0.081100795
Red Total Luminous Flux* (lm): 17.04359378
Red CIE 1931 Tristimulus x: 0.69170323
Red CIE 1931 Tristimulus y: 0.30639995
Red CIE 1931 Tristimulus Y: 0.02496707
Red CIE 1976 Chroma u': 0.52269177
Red CIE 1976 Chroma v': 0.52095123

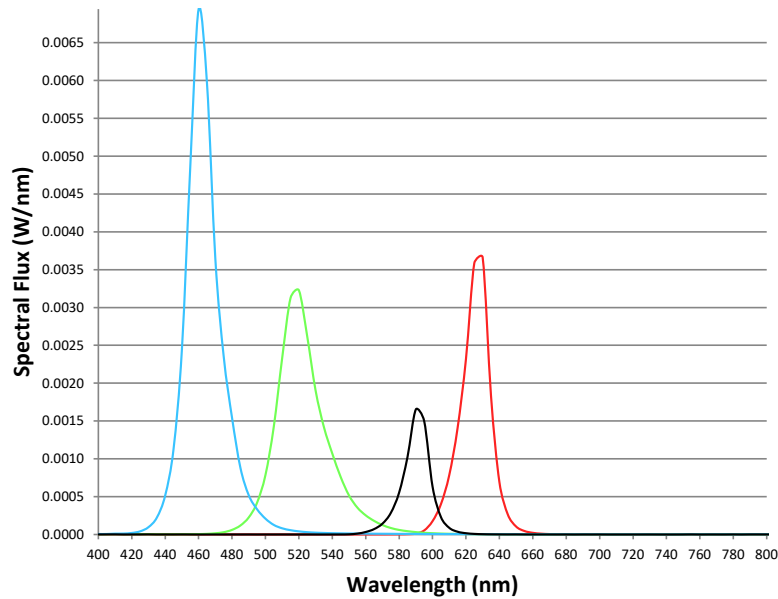
Green Total Radiant Flux* (W): 0.108542213
Green Total Luminous Flux* (lm): 50.67145074
Green CIE 1931 Tristimulus x: 0.1468048
Green CIE 1931 Tristimulus y: 0.7387913
Green CIE 1931 Tristimulus Y: 0.07416322
Green CIE 1976 Chroma u': 0.05074533
Green CIE 1976 Chroma v': 0.57459274

Blue Total Radiant Flux* (W): 0.166367613
Blue Total Luminous Flux* (lm): 9.6174728
Blue CIE 1931 Tristimulus x: 0.13959484
Blue CIE 1931 Tristimulus y: 0.04929462
Blue CIE 1931 Tristimulus Y: 0.01410193
Blue CIE 1976 Chroma u': 0.1685752
Blue CIE 1976 Chroma v': 0.13393879

Ch4 Total Radiant Flux* (W): 0.034144699
Ch4 Total Luminous Flux* (lm): 16.16241606
Ch4 CIE 1931 Tristimulus x: 0.56911472
Ch4 CIE 1931 Tristimulus y: 0.42868151
Ch4 CIE 1931 Tristimulus Y: 0.02365955
Ch4 CIE 1976 Chroma u': 0.32493227
Ch4 CIE 1976 Chroma v': 0.55069396

*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 Dominant Wavelength (nm): 621
Red Peak Wavelength (nm): 627.904
Red Center Wavelength (nm): 626.524
Red Full Width (nm): 15.458
Red Centroid Wavelength (nm): 625.351
Red Purity: 99.47371935

Green Dominant Wavelength (nm): 523
Green Peak Wavelength (nm): 518.139
Green Center Wavelength (nm): 519.277
Green Full Width (nm): 25.55
Green Centroid Wavelength (nm): 522.824
Green Purity: 81.72558955

Blue Dominant Wavelength (nm): 465
Blue Peak Wavelength (nm): 461.005
Blue Center Wavelength (nm): 461.316
Blue Full Width (nm): 17.14
Blue Centroid Wavelength (nm): 463.663
Blue Purity: 97.34724065

Ch4 Dominant Wavelength (nm): 589
Ch4 Peak Wavelength (nm): 592.117
Ch4 Center Wavelength (nm): 591.098
Ch4 Full Width (nm): 13.88
Ch4 Centroid Wavelength (nm): 589.961
Ch4 Purity: 99.5290799

Date of Test: 10/3/24
Length of Test Sample (mm): 150
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights

888-880-1880