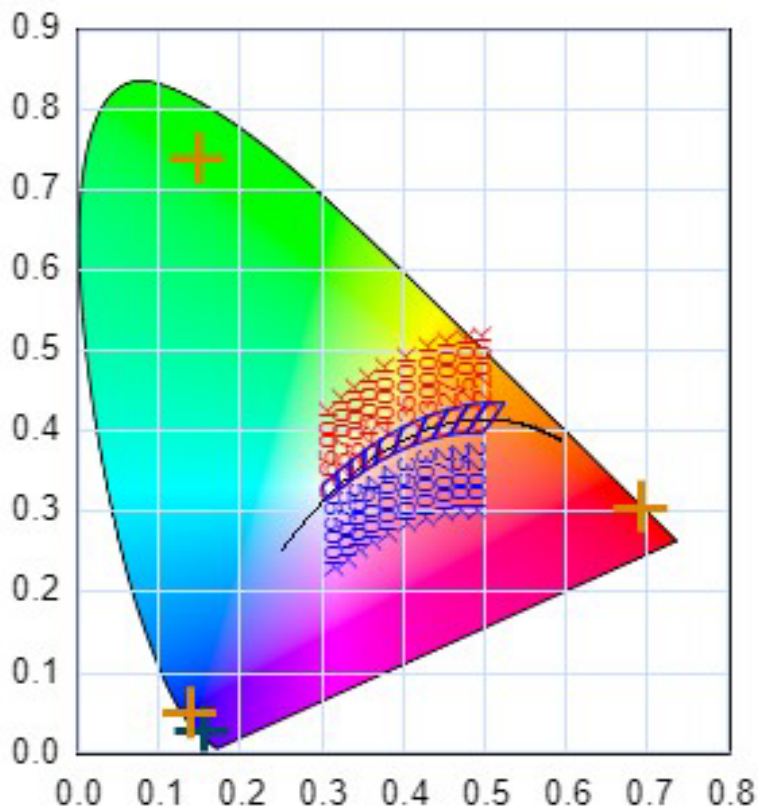

Integrating Sphere Test ReportPart Number: RGBI-5050-60-24V

**Photometric Test Results**

Red Total Radiant Flux* (W): 0.080494007
Red Total Luminous Flux* (lm): 16.39478459
Red CIE 1931 Tristimulus x: 0.69243237
Red CIE 1931 Tristimulus y: 0.30537077
Red CIE 1931 Tristimulus Y: 0.02401691
Red CIE 1976 Chroma u': 0.52461127
Red CIE 1976 Chroma v': 0.52055932

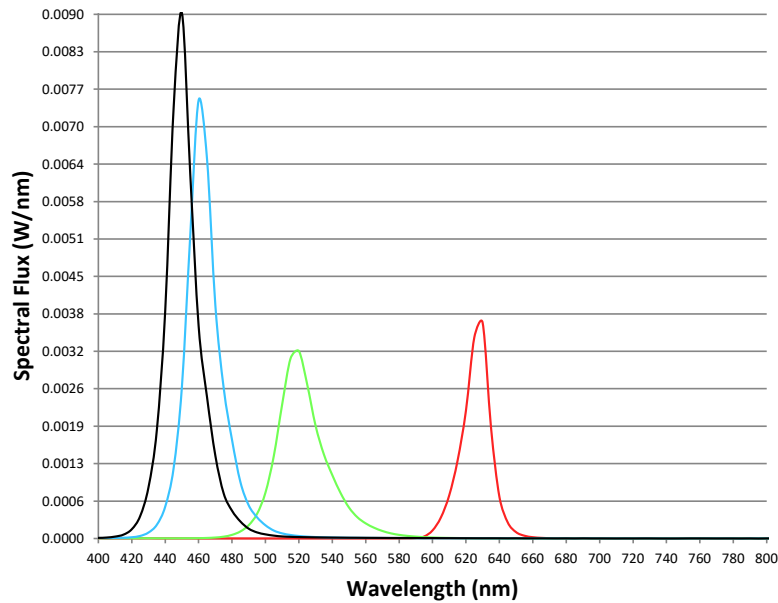
Green Total Radiant Flux* (W): 0.111490861
Green Total Luminous Flux* (lm): 50.82023296
Green CIE 1931 Tristimulus x: 0.14824561
Green CIE 1931 Tristimulus y: 0.73780793
Green CIE 1931 Tristimulus Y: 0.07438052
Green CIE 1976 Chroma u': 0.05130847
Green CIE 1976 Chroma v': 0.57455691

Blue Total Radiant Flux* (W): 0.177168185
Blue Total Luminous Flux* (lm): 10.34092038
Blue CIE 1931 Tristimulus x: 0.13921719
Blue CIE 1931 Tristimulus y: 0.04918523
Blue CIE 1931 Tristimulus Y: 0.01516298
Blue CIE 1976 Chroma u': 0.16814744
Blue CIE 1976 Chroma v': 0.13366407

Ch4 Total Radiant Flux* (W): 0.199359789
Ch4 Total Luminous Flux* (lm): 7.06488597
Ch4 CIE 1931 Tristimulus x: 0.15419624
Ch4 CIE 1931 Tristimulus y: 0.02631661
Ch4 CIE 1931 Tristimulus Y: 0.01035889
Ch4 CIE 1976 Chroma u': 0.20508863
Ch4 CIE 1976 Chroma v': 0.07875538

*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): 628.295
Red Center Wavelength (nm): 626.891
Red Full Width (nm): 15.273
Red Centroid Wavelength (nm): 625.751
Red Purity: 99.38165735

Green Dominant Wavelength (nm): 524
Green Peak Wavelength (nm): 518.327
Green Center Wavelength (nm): 519.496
Green Full Width (nm): 25.958
Green Centroid Wavelength (nm): 523.001
Green Purity: 81.60267154

Blue Dominant Wavelength (nm): 465
Blue Peak Wavelength (nm): 461.083
Blue Center Wavelength (nm): 461.46
Blue Full Width (nm): 17.182
Blue Centroid Wavelength (nm): 463.765
Blue Purity: 97.45939831

Ch4 Dominant Wavelength (nm): 454
Ch4 Peak Wavelength (nm): 449.24
Ch4 Center Wavelength (nm): 449.321
Ch4 Full Width (nm): 15.955
Ch4 Centroid Wavelength (nm): 451.339
Ch4 Purity: 98.63559598

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

Environmental Lights
888-880-1880