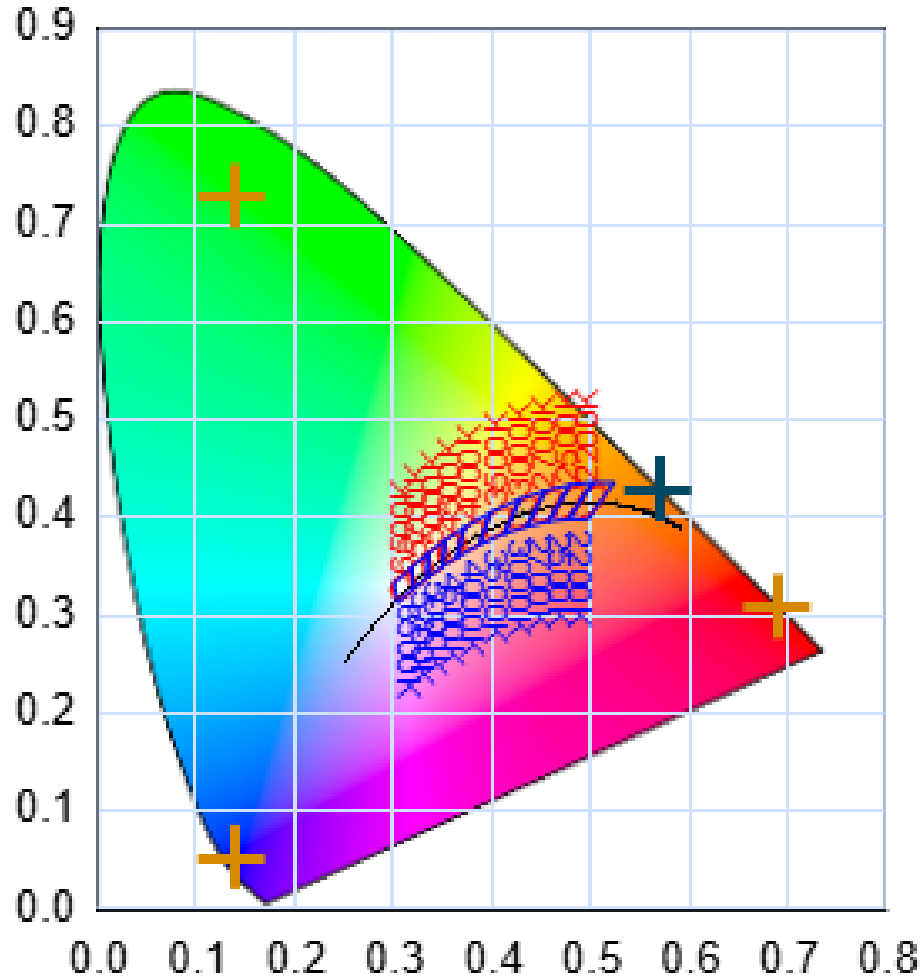


Integrating Sphere Test Report

Part Number: RGBA-5050-60-12V-5m



Photometric Test Results

Red Total Radiant Flux* (W): 0.049381477
 Red Total Luminous Flux* (lm): 11.0167875
 Red CIE 1931 Tristimulus x: 0.69111483
 Red CIE 1931 Tristimulus y: 0.30784947
 Red CIE 1931 Tristimulus Y: 0.01613787
 Red CIE 1976 Chroma u': 0.52042132
 Red CIE 1976 Chroma v': 0.52158585

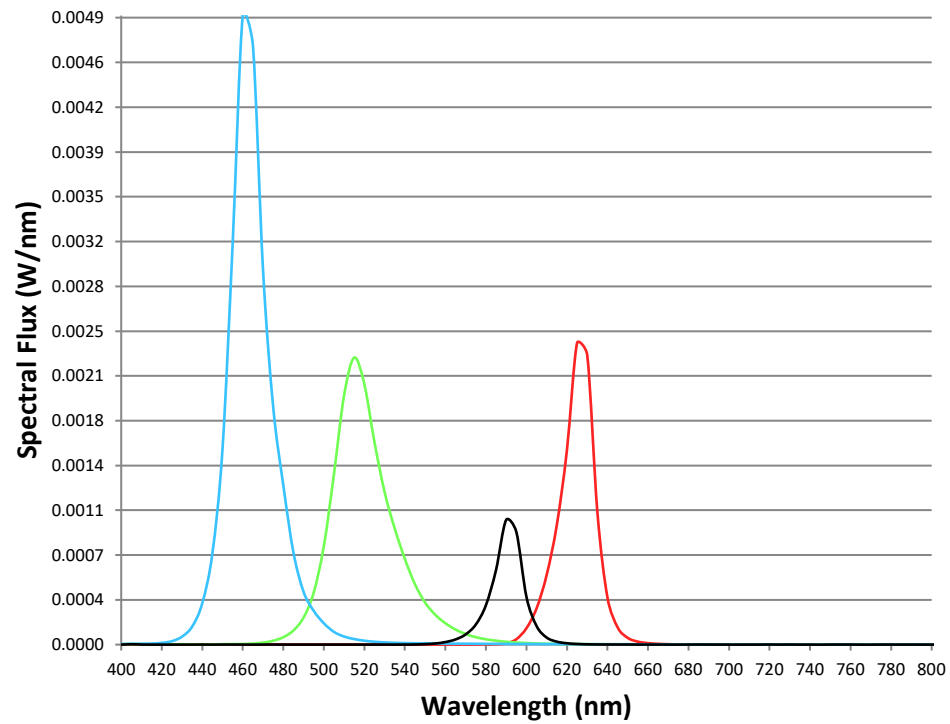
Green Total Radiant Flux* (W): 0.077413788
 Green Total Luminous Flux* (lm): 34.38116546
 Green CIE 1931 Tristimulus x: 0.1382541
 Green CIE 1931 Tristimulus y: 0.72696009
 Green CIE 1931 Tristimulus Y: 0.05032501
 Green CIE 1976 Chroma u': 0.04831098
 Green CIE 1976 Chroma v': 0.57155879

Blue Total Radiant Flux* (W): 0.119385488
 Blue Total Luminous Flux* (lm): 7.25428714
 Blue CIE 1931 Tristimulus x: 0.13806764
 Blue CIE 1931 Tristimulus y: 0.05181201
 Blue CIE 1931 Tristimulus Y: 0.01063654
 Blue CIE 1976 Chroma u': 0.16507326
 Blue CIE 1976 Chroma v': 0.13937914

Ch4 Total Radiant Flux* (W): 0.018745154
 Ch4 Total Luminous Flux* (lm): 9.39776197
 Ch4 CIE 1931 Tristimulus x: 0.57037774
 Ch4 CIE 1931 Tristimulus y: 0.42794428
 Ch4 CIE 1931 Tristimulus Y: 0.01375701
 Ch4 CIE 1976 Chroma u': 0.32618289
 Ch4 CIE 1976 Chroma v': 0.55064075

*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): 620
Red Peak Wavelength (nm): 627.453
Red Center Wavelength (nm): 626.153
Red Full Width (nm): 15.087
Red Centroid Wavelength (nm): 624.655
Red Purity: 99.73451796

Green Dominant Wavelength (nm): 521
Green Peak Wavelength (nm): 515.253
Green Center Wavelength (nm): 517.169
Green Full Width (nm): 27.391
Green Centroid Wavelength (nm): 520.827
Green Purity: 78.6585907

Blue Dominant Wavelength (nm): 466
Blue Peak Wavelength (nm): 462.021
Blue Center Wavelength (nm): 462.334
Blue Full Width (nm): 16.94
Blue Centroid Wavelength (nm): 464.609
Blue Purity: 97.29544936

Ch4 Dominant Wavelength (nm): 589
Ch4 Peak Wavelength (nm): 592.172
Ch4 Center Wavelength (nm): 591.207
Ch4 Full Width (nm): 13.292
Ch4 Centroid Wavelength (nm): 590.163
Ch4 Purity: 99.68602611

Date of Test: 4/16/24
Length of Test Sample (mm): 150
Measurement Geometry: 2pi
Voltage (V): 12

Environmental Lights
888-880-1880