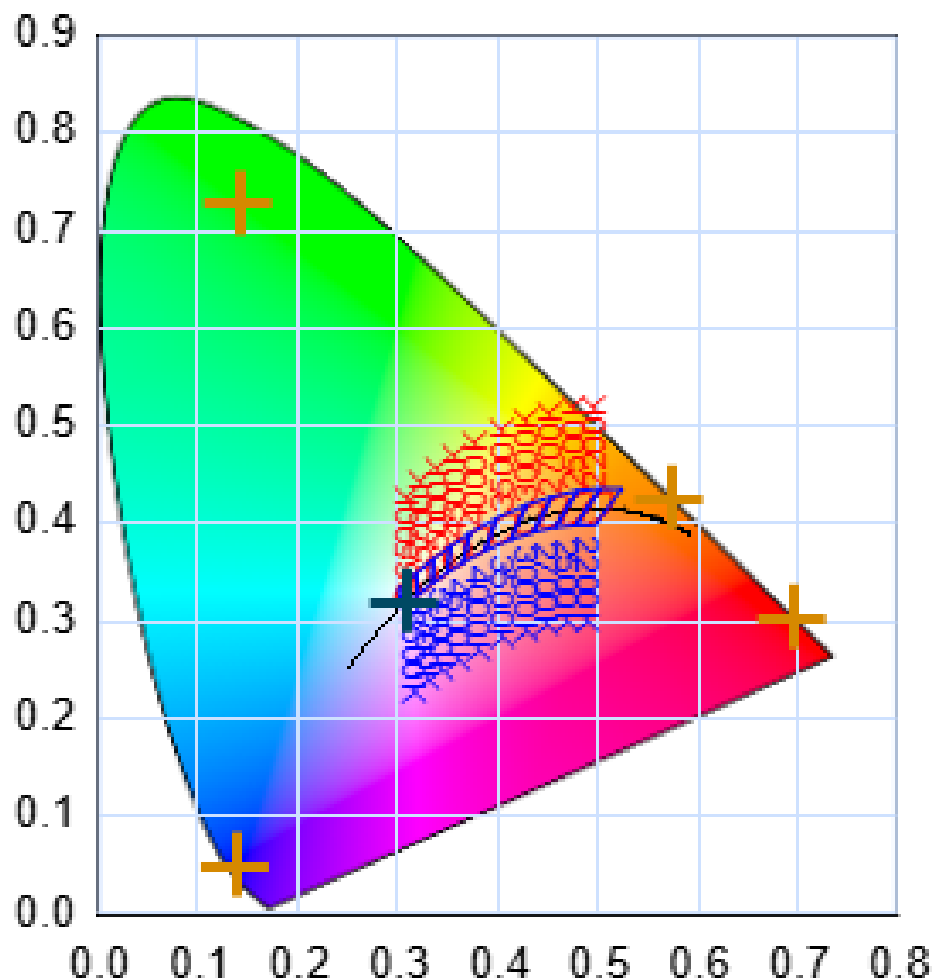


Integrating Sphere Test Report

Part Number: RGBA65K-5050-60-24V-5m



Photometric Test Results

Red Total Radiant Flux* (W): 0.064504029
Red Total Luminous Flux* (lm): 13.00442736
Red CIE 1931 Tristimulus x: 0.69584715
Red CIE 1931 Tristimulus y: 0.30320431
Red CIE 1931 Tristimulus Y: 0.01905183
Red CIE 1976 Chroma u': 0.53049691
Red CIE 1976 Chroma v': 0.52010005

Green Total Radiant Flux* (W): 0.091398369
Green Total Luminous Flux* (lm): 39.85502326
Green CIE 1931 Tristimulus x: 0.14183005
Green CIE 1931 Tristimulus y: 0.72674798
Green CIE 1931 Tristimulus Y: 0.05833611
Green CIE 1976 Chroma u': 0.04960257
Green CIE 1976 Chroma v': 0.57187648

Blue Total Radiant Flux* (W): 0.138819604
Blue Total Luminous Flux* (lm): 8.06858632
Blue CIE 1931 Tristimulus x: 0.13923237
Blue CIE 1931 Tristimulus y: 0.04958205
Blue CIE 1931 Tristimulus Y: 0.01183068
Blue CIE 1976 Chroma u': 0.16792587
Blue CIE 1976 Chroma v': 0.13455022

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

Environmental Lights**888-880-1880**

Photometric Test Results cont. (Ch5)

Ch4 Total Radiant Flux* (W): 0.021923122	Ch5 Total Radiant Flux* (W): 0.128799105
Ch4 Total Luminous Flux* (lm): 10.87859974	Ch5 Total Luminous Flux* (lm): 34.10585599
Ch4 CIE 1931 Tristimulus x: 0.57300345	Ch5 CIE 1931 Tristimulus x: 0.30818801
Ch4 CIE 1931 Tristimulus y: 0.42533059	Ch5 CIE 1931 Tristimulus y: 0.31964192
Ch4 CIE 1931 Tristimulus Y: 0.0159249	Ch5 CIE 1931 Tristimulus Y: 0.04993402
Ch4 CIE 1976 Chroma u': 0.32940886	Ch5 CIE 1976 Chroma u': 0.19821309
Ch4 CIE 1976 Chroma v': 0.55015769	Ch5 CIE 1976 Chroma v': 0.46255443

Color Temperature Ch5 (CCT K): 6850

Ch5 Duv: 0.00068072

Ch5 CQS: 93.7076

Ch5 CRI: 95.4776

R Values of Ch5

R1:	96.4353
R2:	97.4536
R3:	98.3178
R4:	94.0826
R5:	94.7175
R6:	94.0828
R7:	94.2258
R8:	94.5055
R9:	96.8043
R10:	96.1534
R11:	98.0808
R12:	69.0601
R13:	97.4226
R14:	99.4347

Date of Test: 4/16/24

Length of Test Sample (mm): 150

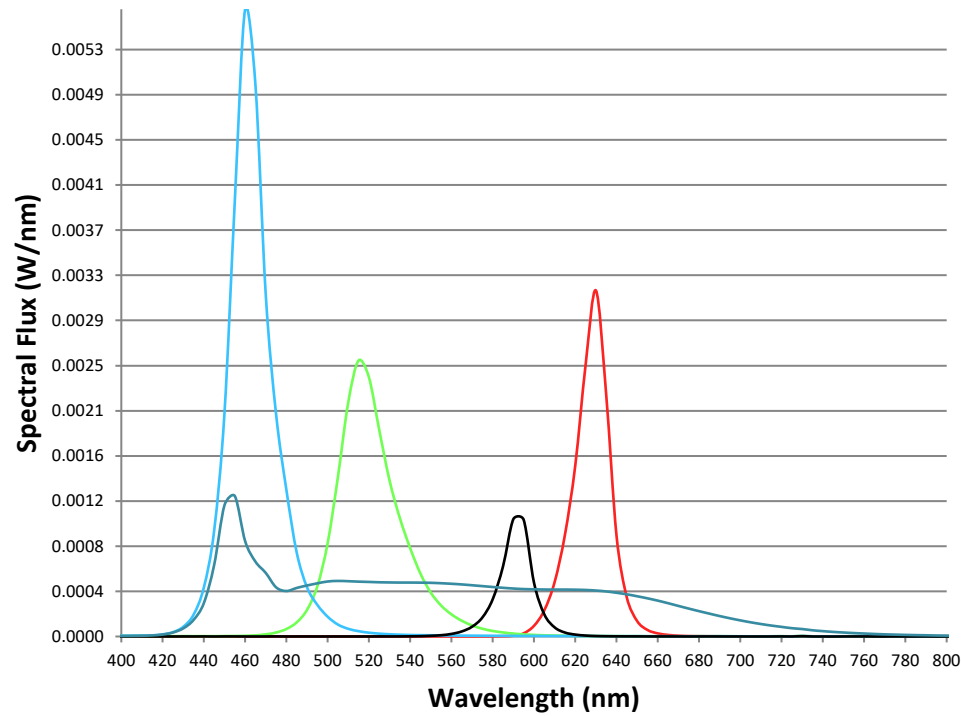
Measurement Geometry: 2pi

Voltage (V): 24

Environmental Lights

888-880-1800

Spectral Power Distribution



Spectral Response Characteristics

Red Dominant Wavelength (nm): 622
Red Peak Wavelength (nm): 630.008
Red Center Wavelength (nm): 628.645
Red Full Width (nm): 16.293
Red Centroid Wavelength (nm): 627.567
Red Purity: 99.75203117

Green Dominant Wavelength (nm): 522
Green Peak Wavelength (nm): 515.959
Green Center Wavelength (nm): 517.784
Green Full Width (nm): 28.096
Green Centroid Wavelength (nm): 521.36
Green Purity: 78.69090607

Blue Dominant Wavelength (nm): 465
Blue Peak Wavelength (nm): 461.221
Blue Center Wavelength (nm): 461.549
Blue Full Width (nm): 17.516
Blue Centroid Wavelength (nm): 463.782
Blue Purity: 97.38634964

Ch4 Dominant Wavelength (nm): 589
Ch4 Peak Wavelength (nm): 592.744
Ch4 Center Wavelength (nm): 591.684
Ch4 Full Width (nm): 13.887
Ch4 Centroid Wavelength (nm): 590.789
Ch4 Purity: 99.68642815

Ch5 Dominant Wavelength (nm): 484
Ch5 Peak Wavelength (nm): 452.989
Ch5 Center Wavelength (nm): 454.884
Ch5 Full Width (nm): 18.72
Ch5 Centroid Wavelength (nm): 554.534
Ch5 Purity: 9.61011117

Environmental Lights

888-880-1880