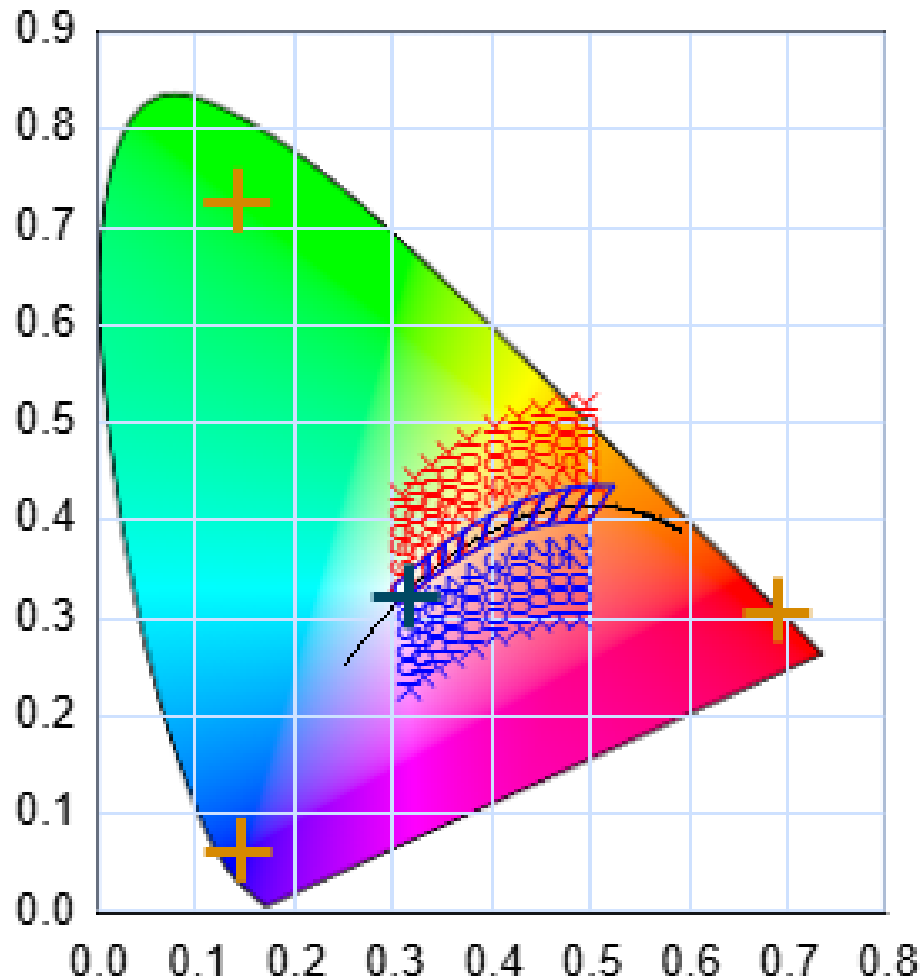

Integrating Sphere Test ReportPart Number: RGB65K-5050-60-12V-5m

**Photometric Test Results**

Red Total Radiant Flux* (W):	0.056057427	Green Total Radiant Flux* (W):	0.0876791
Red Total Luminous Flux* (lm):	11.97416223	Green Total Luminous Flux* (lm):	38.5324313
Red CIE 1931 Tristimulus x:	0.69117072	Green CIE 1931 Tristimulus x:	0.14325463
Red CIE 1931 Tristimulus y:	0.30728985	Green CIE 1931 Tristimulus y:	0.72552523
Red CIE 1931 Tristimulus Y:	0.01754066	Green CIE 1931 Tristimulus Y:	0.05640113
Red CIE 1976 Chroma u':	0.5211332	Green CIE 1976 Chroma u':	0.05017766
Red CIE 1976 Chroma v':	0.5213077	Green CIE 1976 Chroma v':	0.57179029
Blue Total Radiant Flux* (W):	0.126830193		
Blue Total Luminous Flux* (lm):	9.0718672		
Blue CIE 1931 Tristimulus x:	0.14483389		
Blue CIE 1931 Tristimulus y:	0.06171831		
Blue CIE 1931 Tristimulus Y:	0.01329804		
Blue CIE 1976 Chroma u':	0.16787704		
Blue CIE 1976 Chroma v':	0.16095987		

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

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Photometric Test Results cont. (White)

Color Temperature (White) (CCT K): 6431

Duv(White): -0.00210532

CQS(White): 90.6702

CRI(White): 95.6176

R Values of White Diodes

R1(White):	96.624
R2(White):	97.989
R3(White):	93.6858
R4(White):	95.75
R5(White):	94.1856
R6(White):	91.2604
R7(White):	98.0566
R8(White):	97.3897
R9(White):	94.3892
R10(White):	93.3639
R11(White):	95.7057
R12(White):	64.837
R13(White):	98.79
R14(White):	96.2798

Date of Test: 4/16/24

Length of Test Sample (mm): 150

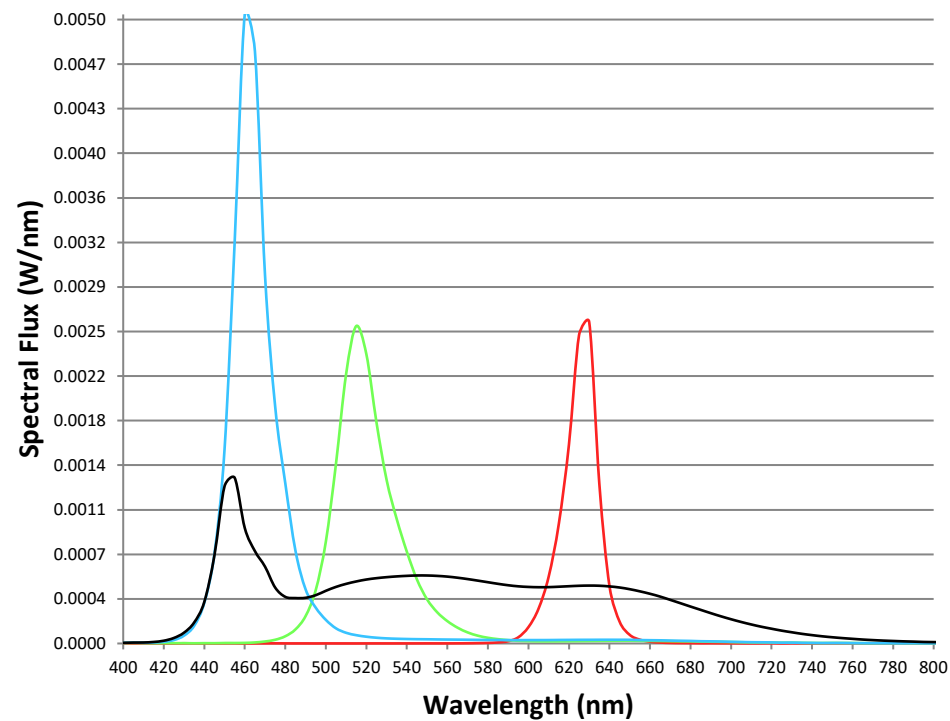
Measurement Geometry: 2pi

Voltage (V): 12

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Spectral Power Distribution



Spectral Response Characteristics

Red Dominant Wavelength (nm): 620	Blue Dominant Wavelength (nm): 466
Red Peak Wavelength (nm): 628.119	Blue Peak Wavelength (nm): 461.926
Red Center Wavelength (nm): 626.618	Blue Center Wavelength (nm): 462.255
Red Full Width (nm): 15.403	Blue Full Width (nm): 16.844
Red Centroid Wavelength (nm): 625.26	Blue Centroid Wavelength (nm): 464.999
Red Purity: 99.58242321	Blue Purity: 93.89831712
Green Dominant Wavelength (nm): 522	White Dominant Wavelength (nm): 482
Green Peak Wavelength (nm): 515.597	White Peak Wavelength (nm): 452.878
Green Center Wavelength (nm): 517.126	White Center Wavelength (nm): 455.847
Green Full Width (nm): 26.225	White Full Width (nm): 21.107
Green Centroid Wavelength (nm): 520.945	White Centroid Wavelength (nm): 560.819
Green Purity: 78.48555844	White Purity: 7.21441723

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