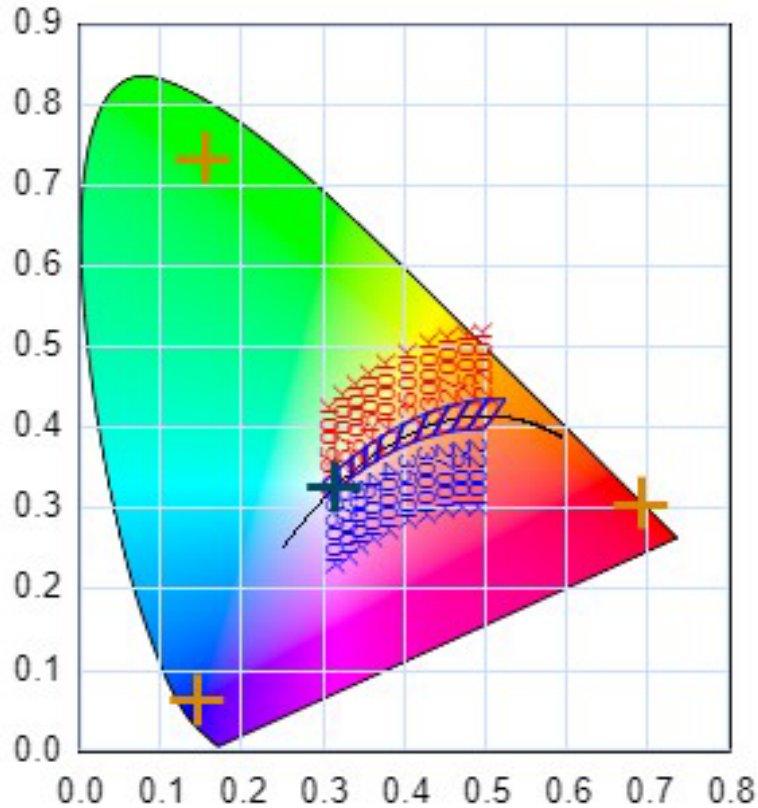


Integrating Sphere Test Report

Part Number: RGB65K-5050-60-24V



Photometric Test Results

Red Total Radiant Flux* (W):	0.078889704	Green Total Radiant Flux* (W):	0.103228218
Red Total Luminous Flux* (lm):	16.49403848	Green Total Luminous Flux* (lm):	47.32872043
Red CIE 1931 Tristimulus x:	0.69227124	Green CIE 1931 Tristimulus x:	0.15445585
Red CIE 1931 Tristimulus y:	0.30586994	Green CIE 1931 Tristimulus y:	0.73361392
Red CIE 1931 Tristimulus Y:	0.02416209	Green CIE 1931 Tristimulus Y:	0.06927102
Red CIE 1976 Chroma u':	0.52386285	Green CIE 1976 Chroma u':	0.05374969
Red CIE 1976 Chroma v':	0.52078759	Green CIE 1976 Chroma v':	0.57440958
Blue Total Radiant Flux* (W):	0.153718668		
Blue Total Luminous Flux* (lm):	11.13736206		
Blue CIE 1931 Tristimulus x:	0.14641962		
Blue CIE 1931 Tristimulus y:	0.06182727		
Blue CIE 1931 Tristimulus Y:	0.01632498		
Blue CIE 1976 Chroma u':	0.16980677		
Blue CIE 1976 Chroma v':	0.16133118		

*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): 6401
Duv(White): 0.00018343
CQS(White): 90.1375
CRI(White): 94.4157

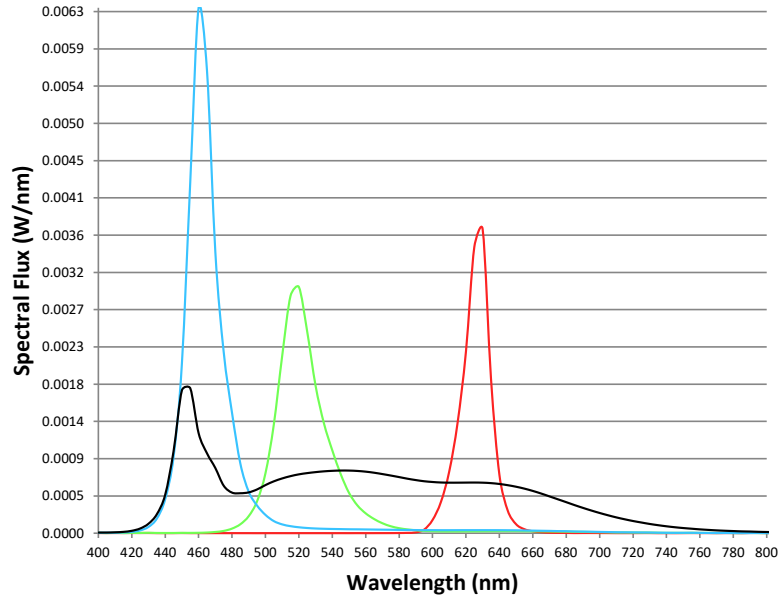
R Values of White Diodes

R1(White):	95.4291
R2(White):	96.6603
R3(White):	93.2033
R4(White):	93.7201
R5(White):	92.8065
R6(White):	90.1619
R7(White):	97.465
R8(White):	95.8796
R9(White):	90.8631
R10(White):	89.2933
R11(White):	93.2497
R12(White):	63.1329
R13(White):	96.9741
R14(White):	96.1951

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

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Spectral Power Distribution



Spectral Response Characteristics

Red Dominant Wavelength (nm): 621
Red Peak Wavelength (nm): 628.23
Red Center Wavelength (nm): 626.825
Red Full Width (nm): 15.192
Red Centroid Wavelength (nm): 625.63
Red Purity: 99.48411649

Blue Dominant Wavelength (nm): 466
Blue Peak Wavelength (nm): 461.307
Blue Center Wavelength (nm): 461.652
Blue Full Width (nm): 16.768
Blue Centroid Wavelength (nm): 464.566
Blue Purity: 93.47832741

Green Dominant Wavelength (nm): 524
Green Peak Wavelength (nm): 518.237
Green Center Wavelength (nm): 519.452
Green Full Width (nm): 25.84
Green Centroid Wavelength (nm): 523.1
Green Purity: 81.13586348

White Dominant Wavelength (nm): 485
White Peak Wavelength (nm): 452.502
White Center Wavelength (nm): 455.034
White Full Width (nm): 20.097
White Centroid Wavelength (nm): 559.357
White Purity: 6.78225839

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