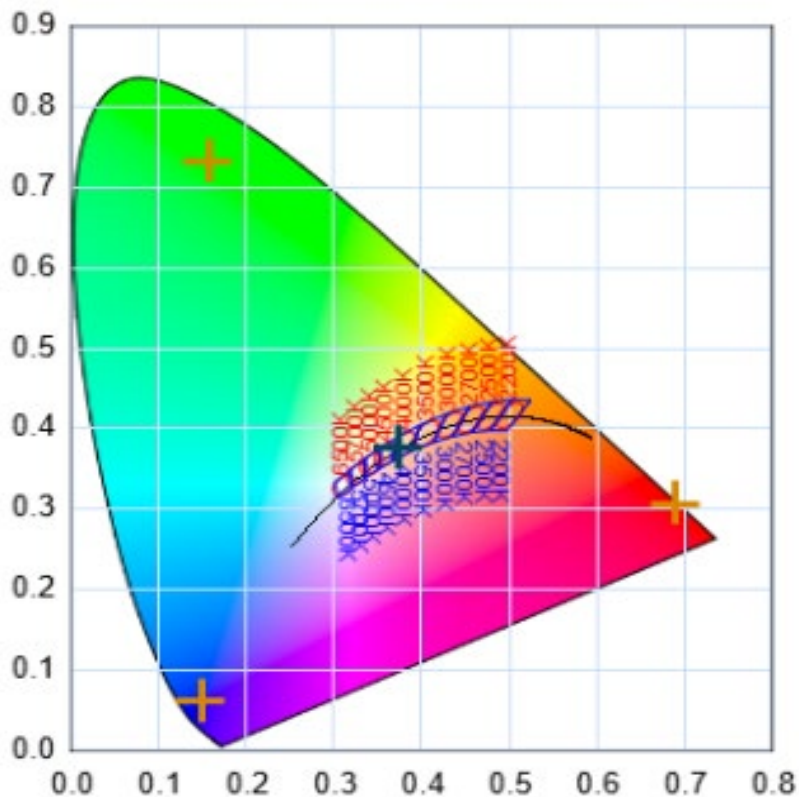


Integrating Sphere Test Report

Part Number: RGB40K-5050-60-24V-5m



Photometric Test Results

Red Total Radiant Flux* (W):	0.084920307	Green Total Radiant Flux* (W):	0.10657324
Red Total Luminous Flux* (lm):	18.30924254	Green Total Luminous Flux* (lm):	48.48719069
Red CIE 1931 Tristimulus x:	0.69086796	Green CIE 1931 Tristimulus x:	0.15698172
Red CIE 1931 Tristimulus y:	0.30755208	Green CIE 1931 Tristimulus y:	0.73203724
Red CIE 1931 Tristimulus Y:	0.02682006	Green CIE 1931 Tristimulus Y:	0.07096594
Red CIE 1976 Chroma u':	0.52053675	Green CIE 1976 Chroma u':	0.05474284
Red CIE 1976 Chroma v':	0.5213838	Green CIE 1976 Chroma v':	0.57437293
Blue Total Radiant Flux* (W):	0.16552312		
Blue Total Luminous Flux* (lm):	11.86350165		
Blue CIE 1931 Tristimulus x:	0.14864706		
Blue CIE 1931 Tristimulus y:	0.06142847		
Blue CIE 1931 Tristimulus Y:	0.01738886		
Blue CIE 1976 Chroma u':	0.17285309		
Blue CIE 1976 Chroma v':	0.16072114		

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

Photometric Test Results cont. (White)

Color Temperature (White) (CCT K): 4175

Duv(White): 0.00164954

CQS(White): 91.6925

CRI(White): 92.0783

R Values of White Diodes

R1(White):	92.3192
R2(White):	92.8742
R3(White):	91.7218
R4(White):	92.8444
R5(White):	91.0812
R6(White):	88.5682
R7(White):	95.9355
R8(White):	91.2819
R9(White):	74.809
R10(White):	82.1318
R11(White):	91.7355
R12(White):	68.0317
R13(White):	92.1515
R14(White):	95.1041

Date of Test: 12/3/24

Length of Test Sample (mm): 150

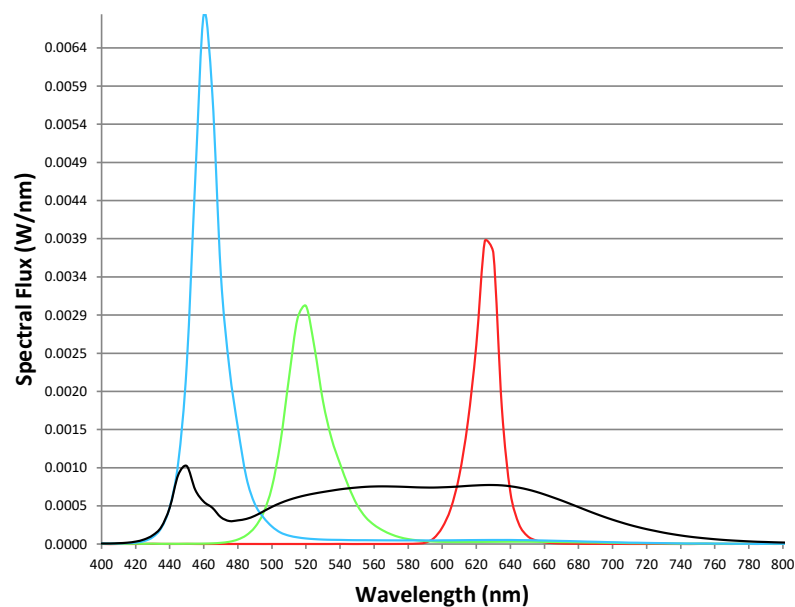
Measurement Geometry: 2pi

Voltage (V): 24

Environmental Lights

888-880-1880

Spectral Power Distribution



Spectral Response Characteristics

Red Dominant Wavelength (nm): 620	Blue Dominant Wavelength (nm): 465
Red Peak Wavelength (nm): 627.49	Blue Peak Wavelength (nm): 460.991
Red Center Wavelength (nm): 626.045	Blue Center Wavelength (nm): 461.275
Red Full Width (nm): 15.375	Blue Full Width (nm): 16.641
Red Centroid Wavelength (nm): 624.826	Blue Centroid Wavelength (nm): 464.118
Red Purity: 99.57065398	Blue Purity: 92.99748005
Green Dominant Wavelength (nm): 525	White Dominant Wavelength (nm): 577
Green Peak Wavelength (nm): 518.565	White Peak Wavelength (nm): 448.425
Green Center Wavelength (nm): 519.575	White Center Wavelength (nm): 450.984
Green Full Width (nm): 25.66	White Full Width (nm): 20.02
Green Centroid Wavelength (nm): 523.269	White Centroid Wavelength (nm): 581.389
Green Purity: 80.99272301	White Purity: 25.12518785

Environmental Lights
888-880-1880