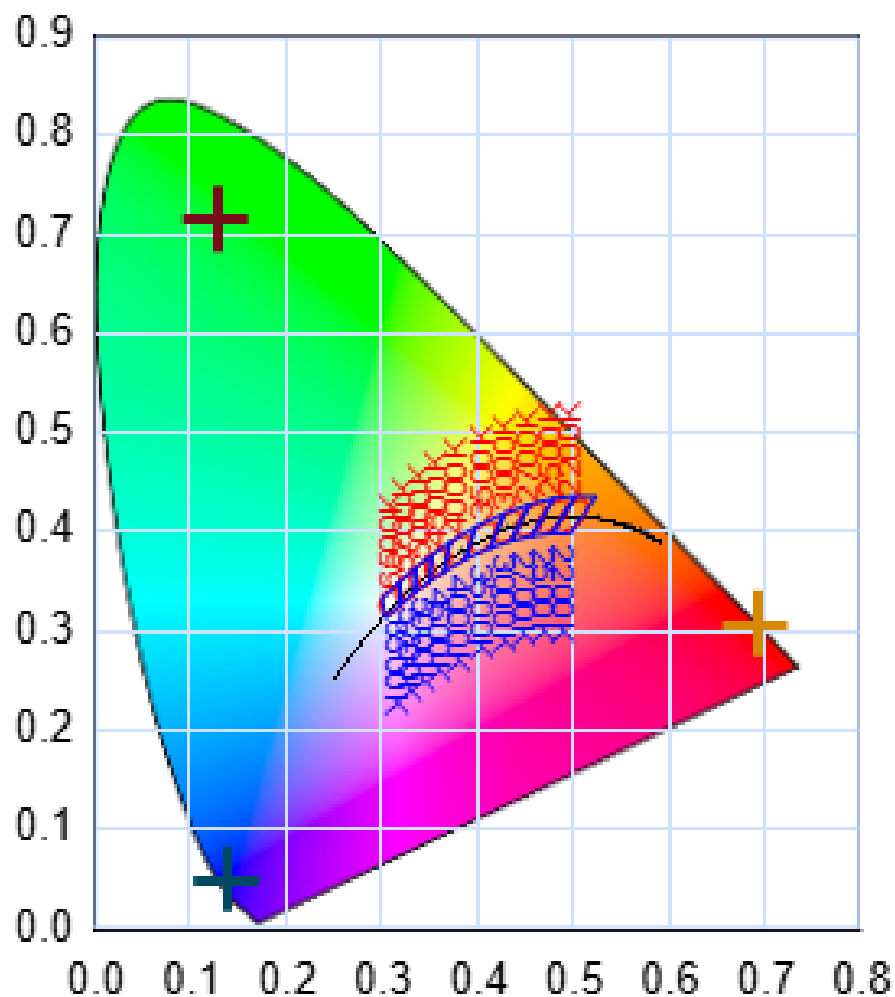


Integrating Sphere Test Report

Part Number: RGB-5050-60-24V



Photometric Test Results

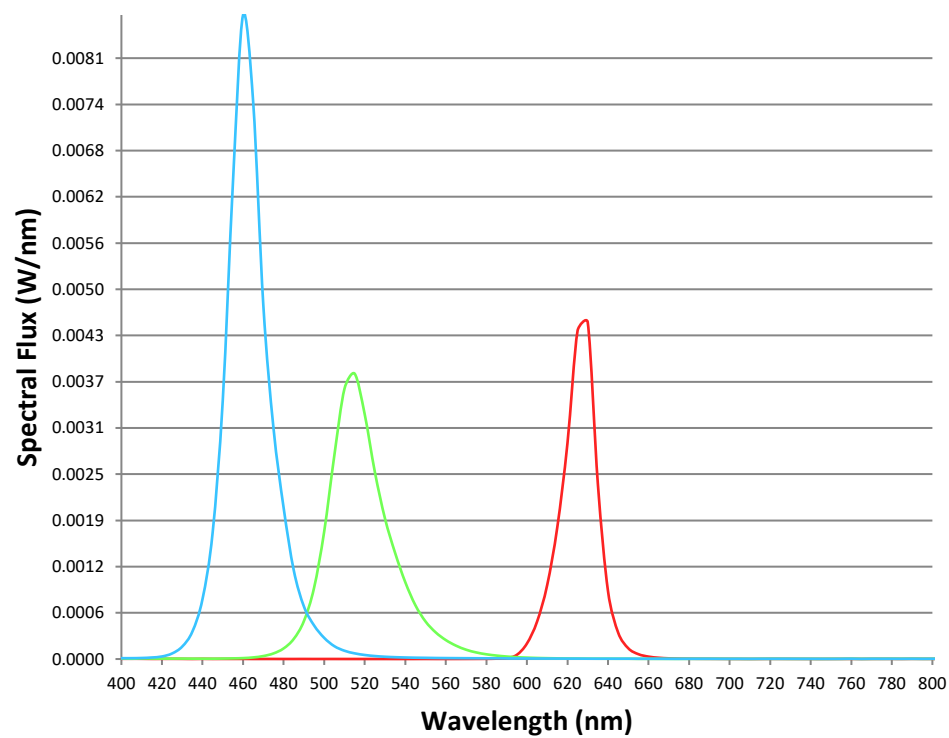
Red Total Radiant Flux* (W):	0.100780268	Green Total Radiant Flux* (W):	0.139226433
Red Total Luminous Flux* (lm):	21.22469095	Green Total Luminous Flux* (lm):	57.55756689
Red CIE 1931 Tristimulus x:	0.69190142	Green CIE 1931 Tristimulus x:	0.12826196
Red CIE 1931 Tristimulus y:	0.30625431	Green CIE 1931 Tristimulus y:	0.71410366
Red CIE 1931 Tristimulus Y:	0.03109135	Green CIE 1931 Tristimulus Y:	0.08425702
Red CIE 1976 Chroma u':	0.5230534	Green CIE 1976 Chroma u':	0.04535141
Red CIE 1976 Chroma v':	0.5209146	Green CIE 1976 Chroma v':	0.56811562
Blue Total Radiant Flux* (W):	0.218268554		
Blue Total Luminous Flux* (lm):	12.48852853		
Blue CIE 1931 Tristimulus x:	0.13973167		
Blue CIE 1931 Tristimulus y:	0.0488316		
Blue CIE 1931 Tristimulus Y:	0.01831183		
Blue CIE 1976 Chroma u':	0.16903795		
Blue CIE 1976 Chroma v':	0.13291465		

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

Environmental Lights

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Spectral Power Distribution



Spectral Response Characteristics

Red Dominant Wavelength (nm): 621	Green Dominant Wavelength (nm): 518
Red Peak Wavelength (nm): 627.989	Green Peak Wavelength (nm): 513.608
Red Center Wavelength (nm): 626.529	Green Center Wavelength (nm): 515.349
Red Full Width (nm): 15.969	Green Full Width (nm): 27.952
Red Centroid Wavelength (nm): 625.491	Green Centroid Wavelength (nm): 518.813
Red Purity: 99.48922019	Green Purity: 76.41825663
Blue Dominant Wavelength (nm): 465	
Blue Peak Wavelength (nm): 460.912	
Blue Center Wavelength (nm): 461.253	
Blue Full Width (nm): 18.604	
Blue Centroid Wavelength (nm): 463.406	
Blue Purity: 97.39439707	

Date of Test: 5/30/24
Length of Test Sample (mm): 150
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
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