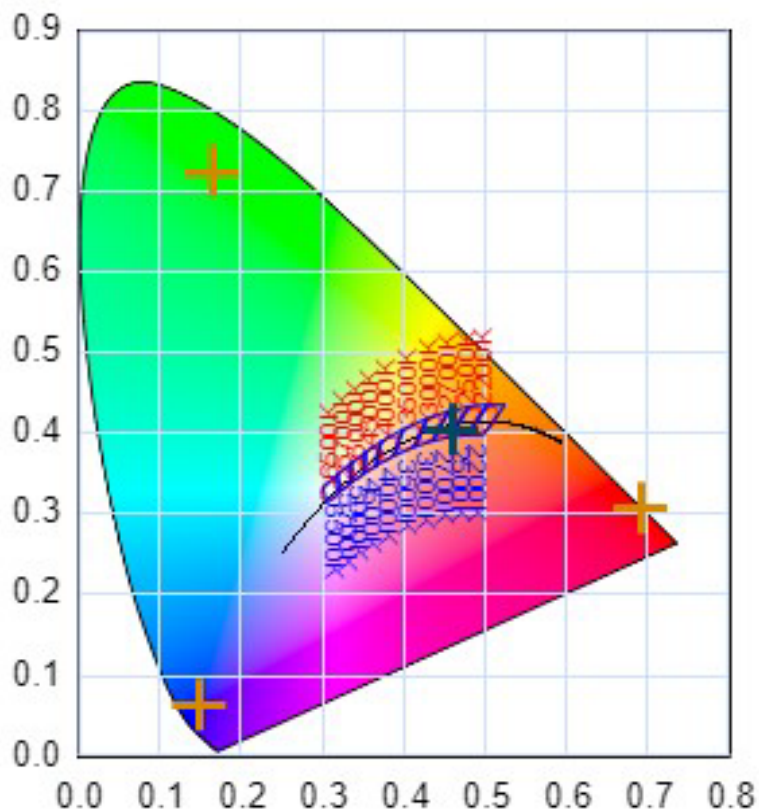

Integrating Sphere Test ReportPart Number: RGB27K-5050-60-24

**Photometric Test Results**

Red Total Radiant Flux* (W):	0.077972456	Green Total Radiant Flux* (W):	0.104308318
Red Total Luminous Flux* (lm):	16.56438096	Green Total Luminous Flux* (lm):	45.85226163
Red CIE 1931 Tristimulus x:	0.69205657	Green CIE 1931 Tristimulus x:	0.16607214
Red CIE 1931 Tristimulus y:	0.30634066	Green CIE 1931 Tristimulus y:	0.72407434
Red CIE 1931 Tristimulus Y:	0.02426508	Green CIE 1931 Tristimulus Y:	0.06711038
Red CIE 1976 Chroma u':	0.52309891	Green CIE 1976 Chroma u':	0.05849285
Red CIE 1976 Chroma v':	0.52099	Green CIE 1976 Chroma v':	0.57381472
Blue Total Radiant Flux* (W):	0.160426238		
Blue Total Luminous Flux* (lm):	11.26944038		
Blue CIE 1931 Tristimulus x:	0.14981955		
Blue CIE 1931 Tristimulus y:	0.06215772		
Blue CIE 1931 Tristimulus Y:	0.01651871		
Blue CIE 1976 Chroma u':	0.17389266		
Blue CIE 1976 Chroma v':	0.16232684		

*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. (White)

Color Temperature (White) (CCT K): 2639

Duv(White): -0.00266716

CQS(White): 89.7761

CRI(White): 93.5004

R Values of White Diodes

R1(White):	94.2614
R2(White):	98.2696
R3(White):	98.0166
R4(White):	92.5073
R5(White):	94.1902
R6(White):	96.6069
R7(White):	91.0018
R8(White):	83.1495
R9(White):	66.1462
R10(White):	95.0131
R11(White):	93.1656
R12(White):	84.3054
R13(White):	95.5663
R14(White):	99.3479

Date of Test: 10/3/24

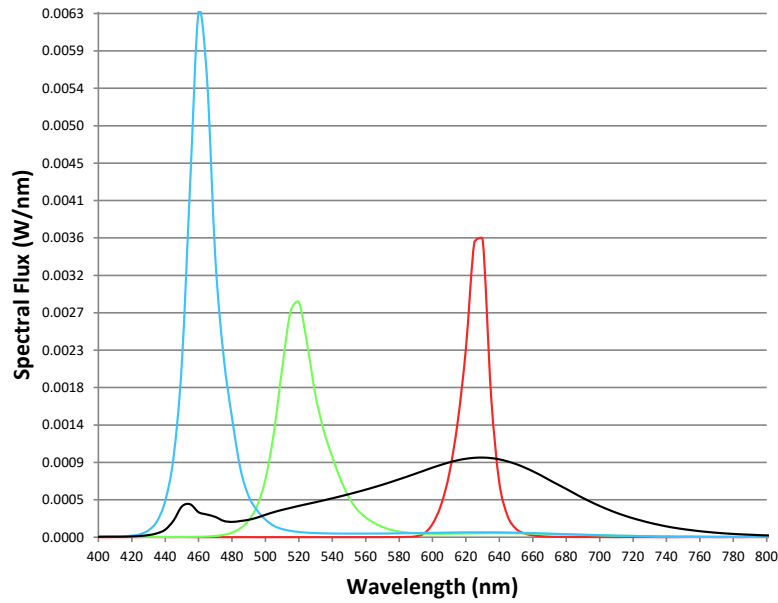
Length of Test Sample (mm): 150

Measurement Geometry: 2pi

Voltage (V): 24

Environmental Lights
888-880-1880

Spectral Power Distribution



Spectral Response Characteristics

Red Dominant Wavelength (nm): 621	Blue Dominant Wavelength (nm): 465
Red Peak Wavelength (nm): 627.818	Blue Peak Wavelength (nm): 461.221
Red Center Wavelength (nm): 626.428	Blue Center Wavelength (nm): 461.56
Red Full Width (nm): 15.113	Blue Full Width (nm): 16.857
Red Centroid Wavelength (nm): 625.3	Blue Centroid Wavelength (nm): 464.232
Red Purity: 99.56190656	Blue Purity: 92.58121111
Green Dominant Wavelength (nm): 526	White Dominant Wavelength (nm): 585
Green Peak Wavelength (nm): 518.32	White Peak Wavelength (nm): 628.956
Green Center Wavelength (nm): 519.509	White Center Wavelength (nm): 616.024
Green Full Width (nm): 26.052	White Full Width (nm): 146.392
Green Centroid Wavelength (nm): 528.114	White Centroid Wavelength (nm): 607.558
Green Purity: 79.97634805	White Purity: 59.25609458

Environmental Lights

888-880-1880