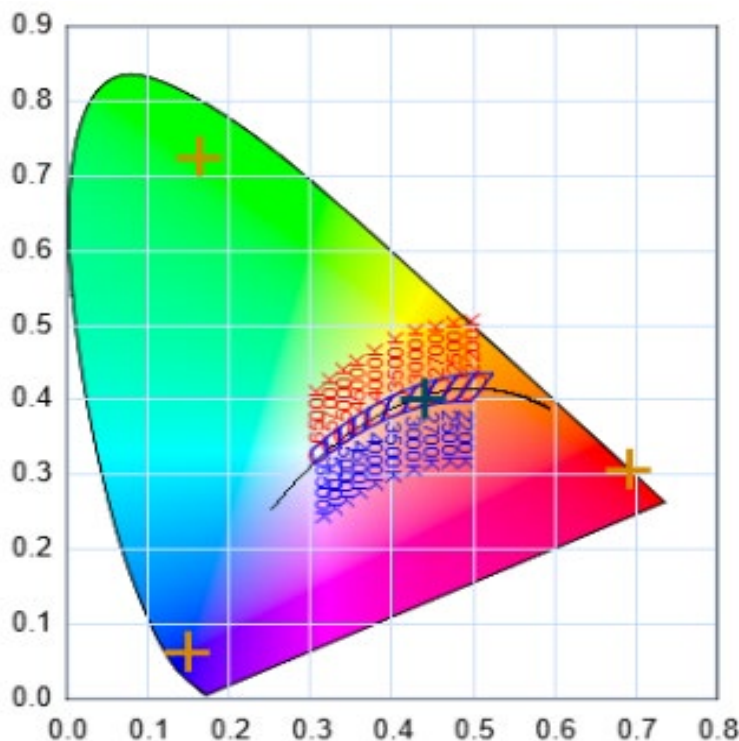

Integrating Sphere Test ReportPart Number: RGB30K-5050-60-24V-5m

**Photometric Test Results**

Red Total Radiant Flux* (W):	0.083297418	Green Total Radiant Flux* (W):	0.110778361
Red Total Luminous Flux* (lm):	18.15635557	Green Total Luminous Flux* (lm):	50.11597914
Red CIE 1931 Tristimulus x:	0.69208337	Green CIE 1931 Tristimulus x:	0.16417643
Red CIE 1931 Tristimulus y:	0.30663729	Green CIE 1931 Tristimulus y:	0.72486005
Red CIE 1931 Tristimulus Y:	0.02659675	Green CIE 1931 Tristimulus Y:	0.07335085
Red CIE 1976 Chroma u':	0.52277283	Green CIE 1976 Chroma u':	0.05775792
Red CIE 1976 Chroma v':	0.52114921	Green CIE 1976 Chroma v':	0.57376948
Blue Total Radiant Flux* (W):	0.168275911		
Blue Total Luminous Flux* (lm):	12.01393495		
Blue CIE 1931 Tristimulus x:	0.14972659		
Blue CIE 1931 Tristimulus y:	0.06250782		
Blue CIE 1931 Tristimulus Y:	0.01760962		
Blue CIE 1976 Chroma u':	0.17356381		
Blue CIE 1976 Chroma v':	0.1630336		

*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): 2933

Duv(White): -0.00151044

CQS(White): 90.1128

CRI(White): 91.7644

R Values of White Diodes

R1(White):	91.8087
R2(White):	95.1048
R3(White):	96.6319
R4(White):	91.4922
R5(White):	91.3596
R6(White):	93.3097
R7(White):	92.069
R8(White):	82.3395
R9(White):	60.378
R10(White):	87.7301
R11(White):	91.5956
R12(White):	80.0867
R13(White):	92.5439
R14(White):	97.5656

Date of Test: 12/3/24

Length of Test Sample (mm): 150

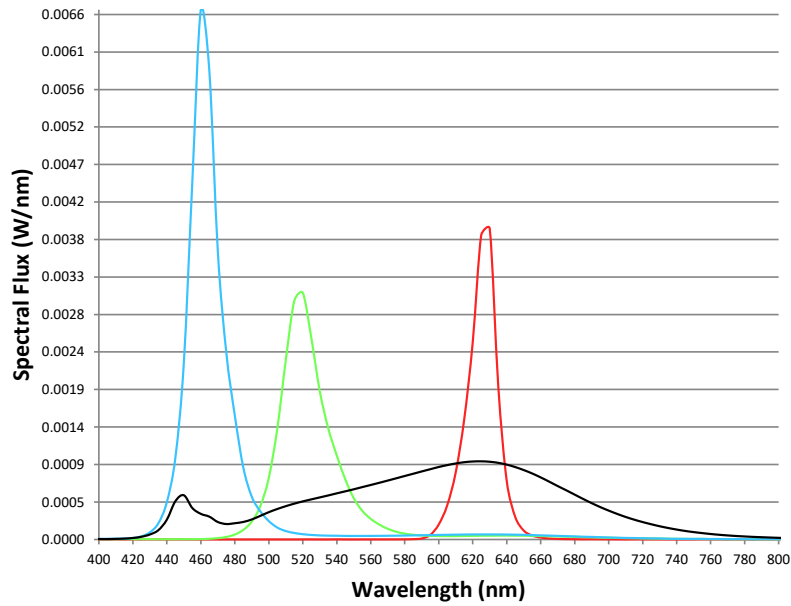
Measurement Geometry: 2pi

Voltage (V): 24

Environmental Lights

888-880-1880

Spectral Power Distribution



Spectral Response Characteristics

Red Dominant Wavelength (nm): 620
Red Peak Wavelength (nm): 627.918
Red Center Wavelength (nm): 626.479
Red Full Width (nm): 15.438
Red Centroid Wavelength (nm): 625.315
Red Purity: 99.65952237

Blue Dominant Wavelength (nm): 465
Blue Peak Wavelength (nm): 461.285
Blue Center Wavelength (nm): 461.678
Blue Full Width (nm): 17.085
Blue Centroid Wavelength (nm): 464.355
Blue Purity: 92.54296804

Green Dominant Wavelength (nm): 525
Green Peak Wavelength (nm): 518.115
Green Center Wavelength (nm): 519.416
Green Full Width (nm): 26.119
Green Centroid Wavelength (nm): 527.536
Green Purity: 79.95583011

White Dominant Wavelength (nm): 583
White Peak Wavelength (nm): 623.742
White Center Wavelength (nm): 604.619
White Full Width (nm): 163.982
White Centroid Wavelength (nm): 599.561
White Purity: 52.32808733

Environmental Lights 888-880-1880