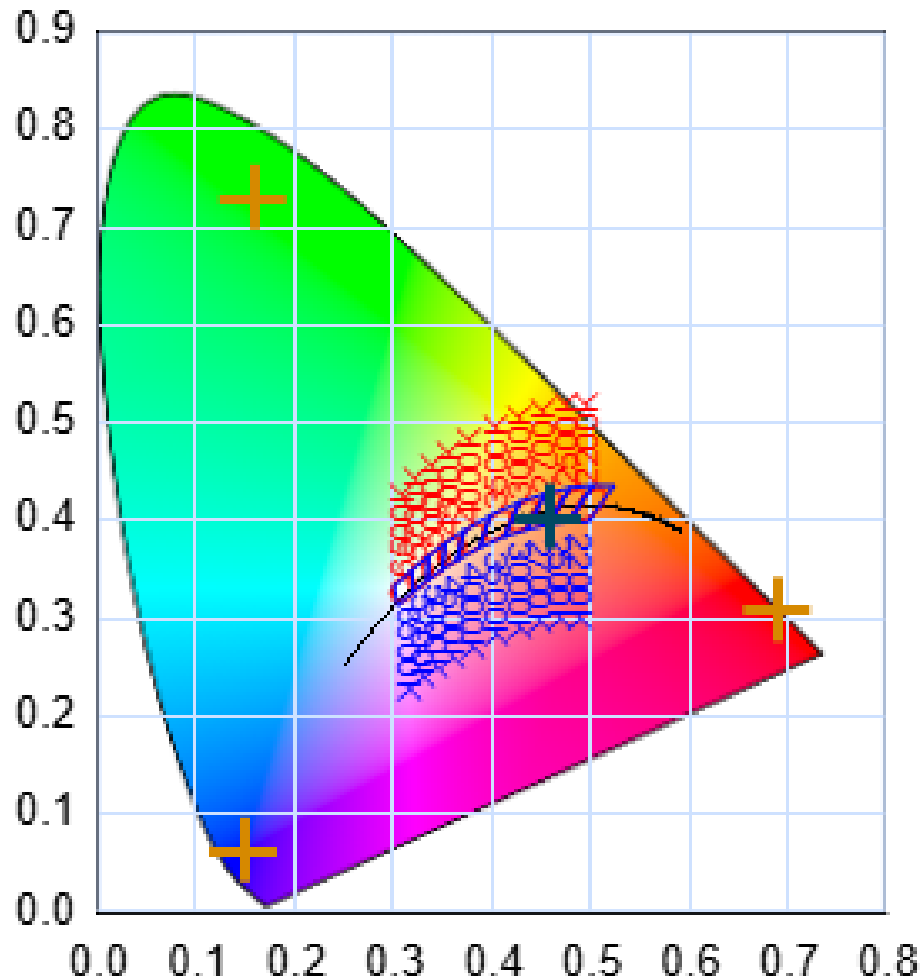


Integrating Sphere Test Report

Part Number: RGB27K-5050-60-12V-5m



Photometric Test Results

Red Total Radiant Flux* (W):	0.055244193	Green Total Radiant Flux* (W):	0.08347147
Red Total Luminous Flux* (lm):	11.89415696	Green Total Luminous Flux* (lm):	38.43422313
Red CIE 1931 Tristimulus x:	0.69096563	Green CIE 1931 Tristimulus x:	0.15905718
Red CIE 1931 Tristimulus y:	0.3078213	Green CIE 1931 Tristimulus y:	0.72884499
Red CIE 1931 Tristimulus Y:	0.01742408	Green CIE 1931 Tristimulus Y:	0.05625276
Red CIE 1976 Chroma u':	0.52031286	Green CIE 1976 Chroma u':	0.05567267
Red CIE 1976 Chroma v':	0.52154201	Green CIE 1976 Chroma v':	0.57399285
Blue Total Radiant Flux* (W):	0.127029131		
Blue Total Luminous Flux* (lm):	8.98960646		
Blue CIE 1931 Tristimulus x:	0.14952465		
Blue CIE 1931 Tristimulus y:	0.06207784		
Blue CIE 1931 Tristimulus Y:	0.01317671		
Blue CIE 1976 Chroma u':	0.17356895		
Blue CIE 1976 Chroma v':	0.1621356		

*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): 2649

Duv(White): -0.00278373

CQS(White): 88.7871

CRI(White): 92.8919

R Values of White Diodes

R1(White):	93.3182
R2(White):	96.6495
R3(White):	97.6908
R4(White):	92.3549
R5(White):	93.1378
R6(White):	95.6537
R7(White):	91.4351
R8(White):	82.8954
R9(White):	64.22
R10(White):	91.3926
R11(White):	93.0082
R12(White):	85.7769
R13(White):	94.2291
R14(White):	98.1711

Date of Test: 4/16/24

Length of Test Sample (mm): 150

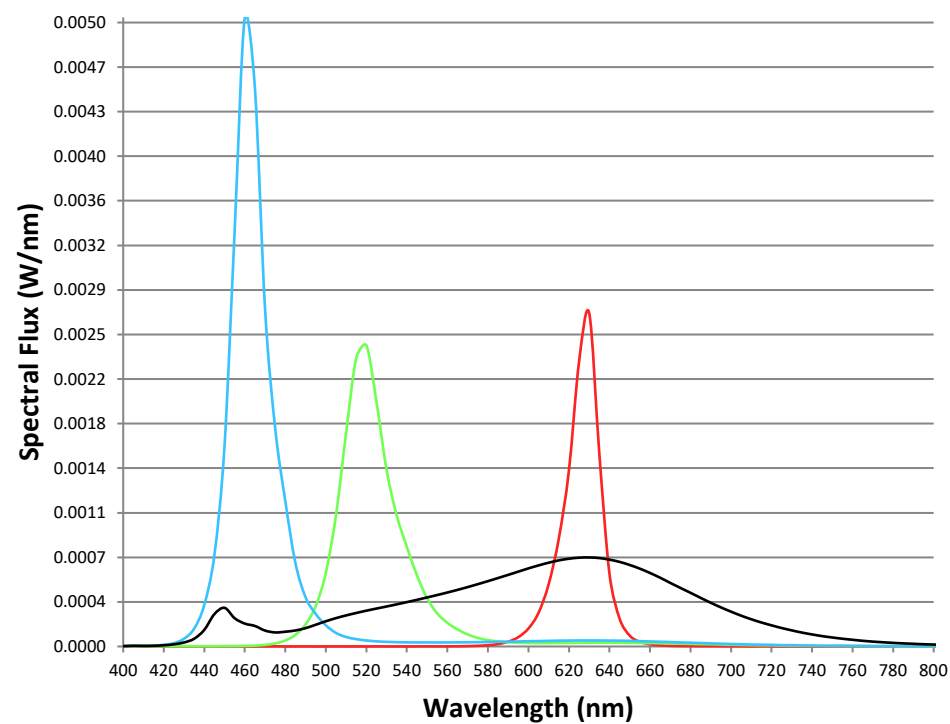
Measurement Geometry: 2pi

Voltage (V): 12

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): 628.992	Blue Peak Wavelength (nm): 461.411
Red Center Wavelength (nm): 627.736	Blue Center Wavelength (nm): 461.705
Red Full Width (nm): 15.241	Blue Full Width (nm): 16.645
Red Centroid Wavelength (nm): 625.919	Blue Centroid Wavelength (nm): 464.38
Red Purity: 99.68122238	Blue Purity: 92.66782411
Green Dominant Wavelength (nm): 525	White Dominant Wavelength (nm): 585
Green Peak Wavelength (nm): 518.294	White Peak Wavelength (nm): 628.6
Green Center Wavelength (nm): 519.304	White Center Wavelength (nm): 614.782
Green Full Width (nm): 25.298	White Full Width (nm): 148.206
Green Centroid Wavelength (nm): 525.891	White Centroid Wavelength (nm): 607.106
Green Purity: 80.41374462	White Purity: 58.79311392

Environmental Lights
888-880-1880