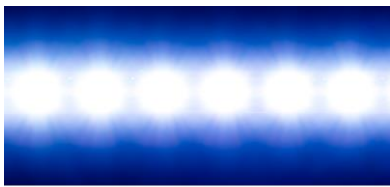
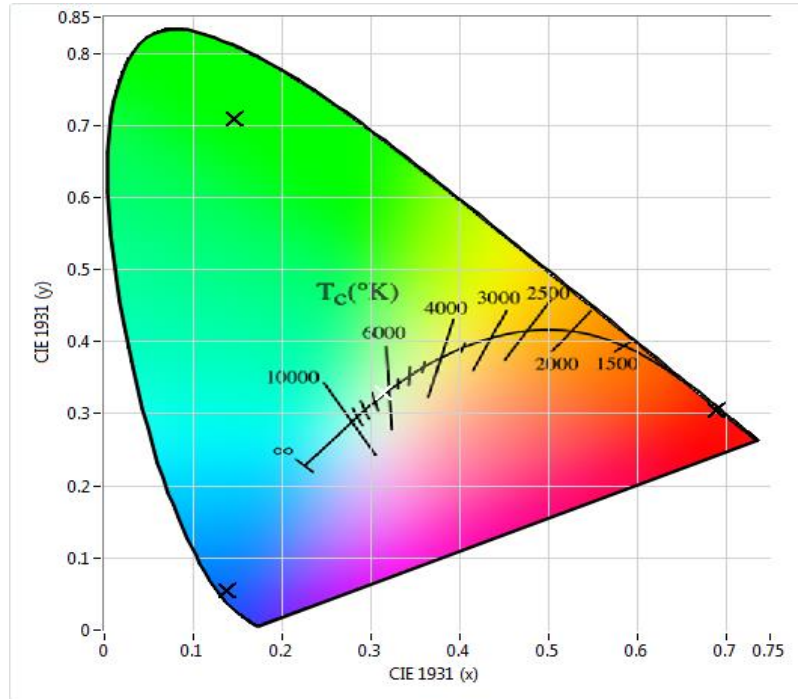


Integrating Sphere Test Report

RGBDW 4-in-1 5050 CurrentControl LED Strip Light, 60/m, 12mm wide, by the 5m Reel
 RGBDW-4in1-CC5050-60-reel



RGBDW-4in1-CC5050-60-reel



Photometric Test Results

Red Total Radiant Flux* (W): 0.076547
 Red Total Luminous Flux* (lm): 15.78106
 Red CIE 1931 Tristimulus x: 0.689093
 Red CIE 1931 Tristimulus y: 0.304886
 Red CIE 1931 Tristimulus Y: 0.023106
 Red CIE 1976 Chroma u': 0.521996
 Red CIE 1976 Chroma v': 0.519648
 Green Total Radiant Flux* (W): 0.106097
 Green Total Luminous Flux* (lm): 46.61281
 Green CIE 1931 Tristimulus x: 0.145022
 Green CIE 1931 Tristimulus y: 0.7105
 Green CIE 1931 Tristimulus Y: 0.068247
 Green CIE 1976 Chroma u': 0.051628
 Green CIE 1976 Chroma v': 0.56911

Blue Total Radiant Flux* (W): 0.15281127
 Blue Total Luminous Flux* (lm): 9.61725827
 Blue CIE 1931 Tristimulus x: 0.13780458
 Blue CIE 1931 Tristimulus y: 0.05385051
 Blue CIE 1931 Tristimulus Y: 0.01408091
 Blue CIE 1976 Chroma u': 0.1635373
 Blue CIE 1976 Chroma v': 0.14378894
 White Total Radiant Flux* (W): 0.15432221
 White Total Luminous Flux* (lm): 46.6790476
 White CIE 1931 Tristimulus x: 0.31350825
 White CIE 1931 Tristimulus y: 0.32871821
 White CIE 1931 Tristimulus Y: 0.06834414
 White CIE 1976 Chroma u': 0.19849826
 White CIE 1976 Chroma v': 0.46828905

*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): 6463

Duv(White): 0.002654

CQS(White): 81.66

CRI(White): 84.80827

R Values of White Diodes

R1(White): 85.75509

R2(White): 97.19194

R3(White): 92.39256

R4(White): 76.85298

R5(White): 83.41955

R6(White): 90.0192

R7(White): 83.33807

R8(White): 69.49678

R9(White): 21.94853

R10(White): 90.3181

R11(White): 77.1118

R12(White): 59.46084

R13(White): 90.71718

R14(White): 96.56552

Date of Test: 8/4/15

Length of Test Sample: 150mm

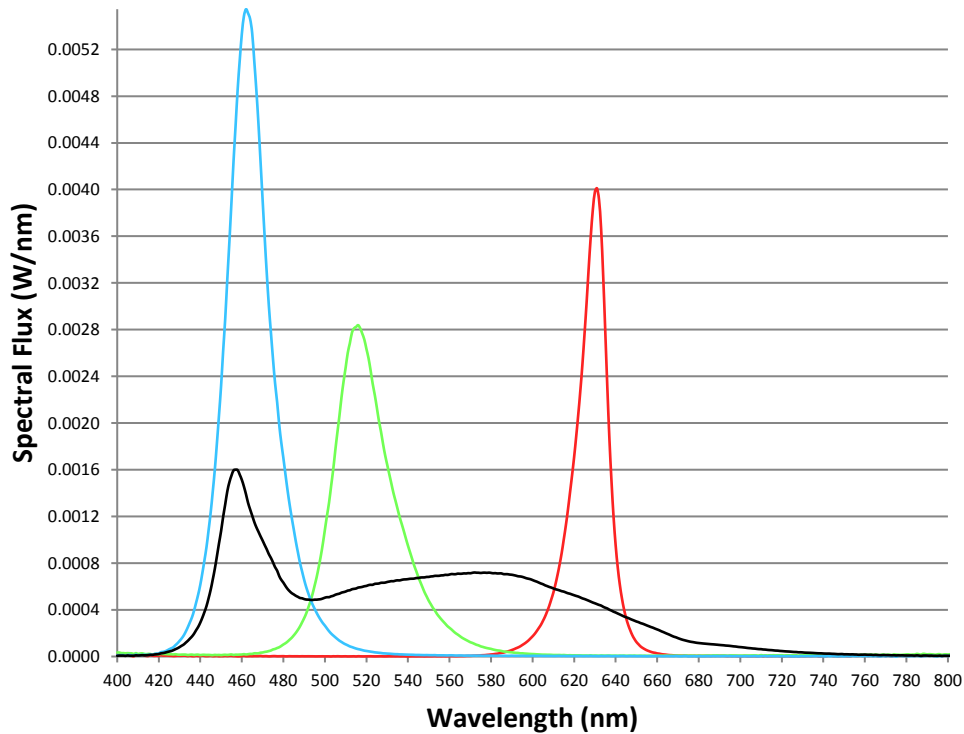
Measurement Geometry: 2pi

Voltage (V): 24

Environmental Lights

888-880-1800

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 631	Blue Peak Wavelength (nm): 462
Red Center Wavelength (nm): 629.5	Blue Center Wavelength (nm): 463
Red Full Width (nm): 15	Blue Full Width (nm): 22
Red Centroid Wavelength (nm): 627.0898	Blue Centroid Wavelength (nm): 464.6407803
Red Dominant Wavelength (nm): 622	Blue Dominant Wavelength (nm): 466
Red Purity: 98.23236	Blue Purity: 97.01550062
Green Peak Wavelength (nm): 516	White Peak Wavelength (nm): 457
Green Center Wavelength (nm): 518	White Center Wavelength (nm): 461
Green Full Width (nm): 30	White Full Width (nm): 28
Green Centroid Wavelength (nm): 521.0084	White Centroid Wavelength (nm): 541.4141728
Green Dominant Wavelength (nm): 521	
Green Purity: 75.33971	

Environmental Lights

888-880-1800