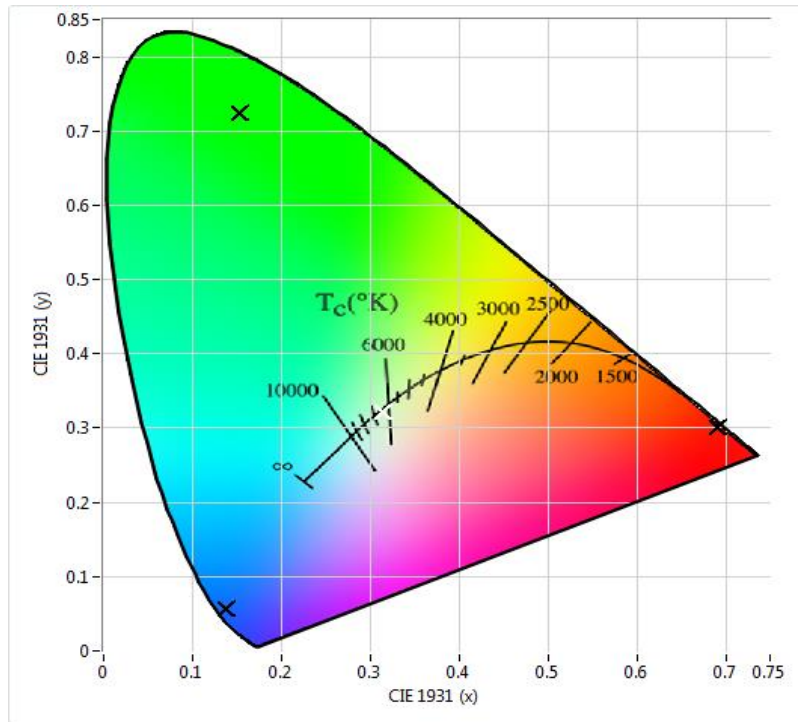


Integrating Sphere Test Report

RGBDW 5050 ColorPlus LED Strip Light, 60/m, 12mm wide, by the 5m Reel
 RGBDW-reel-12



RGBDW-reel-12



Photometric Test Results

Red Total Radiant Flux* (W): 0.043348
 Red Total Luminous Flux* (lm): 8.278619
 Red CIE 1931 Tristimulus x: 0.690503
 Red CIE 1931 Tristimulus y: 0.301116
 Red CIE 1931 Tristimulus Y: 0.012121
 Red CIE 1976 Chroma u': 0.527868
 Red CIE 1976 Chroma v': 0.517937
 Green Total Radiant Flux* (W): 0.039389
 Green Total Luminous Flux* (lm): 18.17299
 Green CIE 1931 Tristimulus x: 0.152246
 Green CIE 1931 Tristimulus y: 0.723716
 Green CIE 1931 Tristimulus Y: 0.026608
 Green CIE 1976 Chroma u': 0.053513
 Green CIE 1976 Chroma v': 0.572354

Blue Total Radiant Flux* (W): 0.06222898
 Blue Total Luminous Flux* (lm): 4.05887755
 Blue CIE 1931 Tristimulus x: 0.13742213
 Blue CIE 1931 Tristimulus y: 0.05677075
 Blue CIE 1931 Tristimulus Y: 0.00594272
 Blue CIE 1976 Chroma u': 0.16136911
 Blue CIE 1976 Chroma v': 0.14999297
 White Total Radiant Flux* (W): 0.29099484
 White Total Luminous Flux* (lm): 81.21721268
 White CIE 1931 Tristimulus x: 0.31343259
 White CIE 1931 Tristimulus y: 0.32129898
 White CIE 1931 Tristimulus Y: 0.11891246
 White CIE 1976 Chroma u': 0.2012821
 White CIE 1976 Chroma v': 0.46425102

*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): 6525
Duv(White): -0.00118
CQS(White): 88.479314
CRI(White): 93.92991

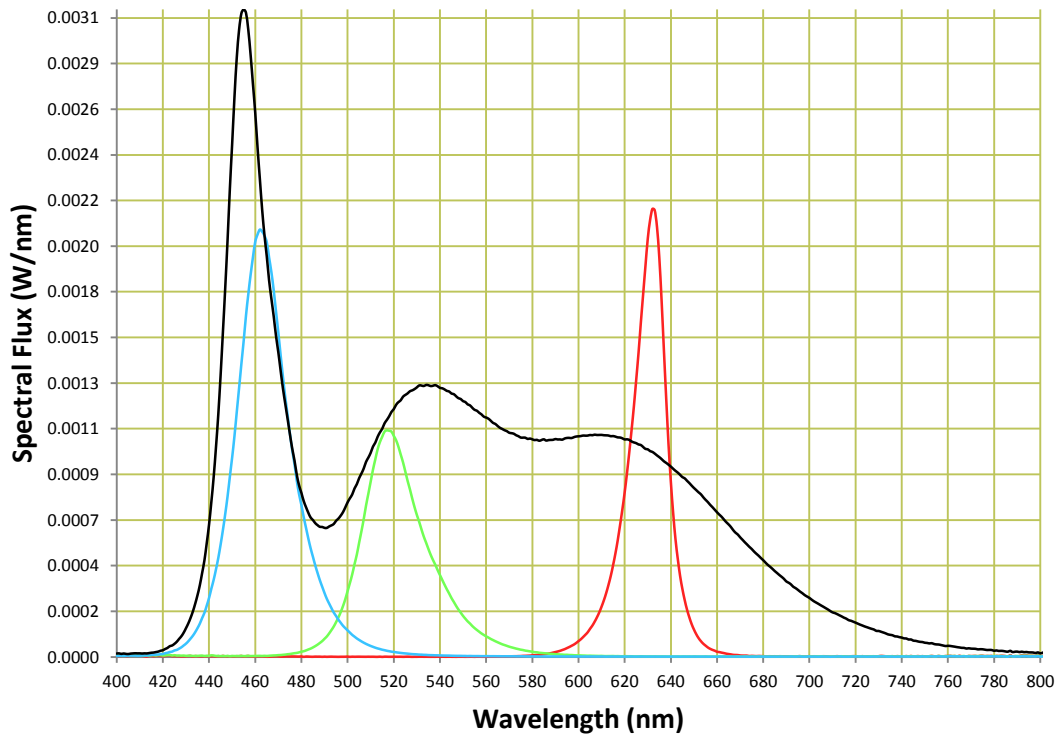
R Values of White Diodes

R1(White): 96.23414
R2(White): 97.1145
R3(White): 90.76502
R4(White): 94.10301
R5(White): 92.20177
R6(White): 89.67773
R7(White): 96.49183
R8(White): 94.85128
R9(White): 89.1169
R10(White): 88.21734
R11(White): 93.57316
R12(White): 58.22716
R13(White): 98.99029
R14(White): 94.16559

Date of Test: 7/22/14
Length of Test Sample: 150mm
Measurement Geometry: 2pi
Voltage (V): 12

Environmental Lights
888-880-1800

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 632	Blue Peak Wavelength (nm): 462
Red Center Wavelength (nm): 631	Blue Center Wavelength (nm): 463.5
Red Full Width (nm): 16	Blue Full Width (nm): 25
Red Centroid Wavelength (nm): 629.256	Blue Centroid Wavelength (nm): 465.0571319
Red Dominant Wavelength (nm): 624	Blue Dominant Wavelength (nm): 467
Red Purity: 97.51526	Blue Purity: 96.6256031
Green Peak Wavelength (nm): 517	White Peak Wavelength (nm): 455
Green Center Wavelength (nm): 519.5	White Center Wavelength (nm): 457.5
Green Full Width (nm): 29	White Full Width (nm): 23
Green Centroid Wavelength (nm): 522.884	White Centroid Wavelength (nm): 551.6010316
Green Dominant Wavelength (nm): 523	
Green Purity: 78.58267	

Environmental Lights
888-880-1800