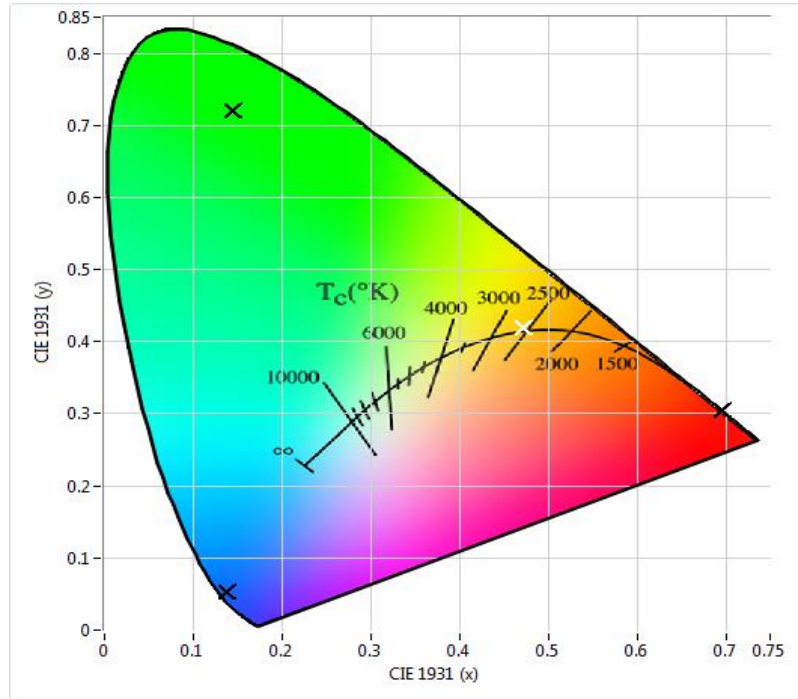


## Integrating Sphere Test Report

RGBWW 4-in-1 5050 CurrentControl LED Strip Light, 72/m, 12mm wide, by the 2.5m Reel  
RGBWW-4in1-CC5050-72-reel



RGBWW-4in1-CC5050-72-reel



### Photometric Test Results

Red Total Radiant Flux\* (W): 0.098948  
 Red Total Luminous Flux\* (lm): 19.74931  
 Red CIE 1931 Tristimulus x: 0.695172  
 Red CIE 1931 Tristimulus y: 0.303867  
 Red CIE 1931 Tristimulus Y: 0.028916  
 Red CIE 1976 Chroma u': 0.529044  
 Red CIE 1976 Chroma v': 0.520315  
 Green Total Radiant Flux\* (W): 0.126182  
 Green Total Luminous Flux\* (lm): 57.36188  
 Green CIE 1931 Tristimulus x: 0.143994  
 Green CIE 1931 Tristimulus y: 0.720922  
 Green CIE 1931 Tristimulus Y: 0.083985  
 Green CIE 1976 Chroma u': 0.050688  
 Green CIE 1976 Chroma v': 0.570998

Blue Total Radiant Flux\* (W): 0.19464136  
 Blue Total Luminous Flux\* (lm): 11.91944566  
 Blue CIE 1931 Tristimulus x: 0.13804748  
 Blue CIE 1931 Tristimulus y: 0.0518246  
 Blue CIE 1931 Tristimulus Y: 0.0174516  
 Blue CIE 1976 Chroma u': 0.16503971  
 Blue CIE 1976 Chroma v': 0.13940503  
 White Total Radiant Flux\* (W): 0.15650575  
 White Total Luminous Flux\* (lm): 50.04440574  
 White CIE 1931 Tristimulus x: 0.47203106  
 White CIE 1931 Tristimulus y: 0.41869284  
 White CIE 1931 Tristimulus Y: 0.07327146  
 White CIE 1976 Chroma u': 0.26667472  
 White CIE 1976 Chroma v': 0.53221772

\*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): 2599  
Duv(White): 0.002026  
CQS(White): 80.5  
CRI(White): 80.43541

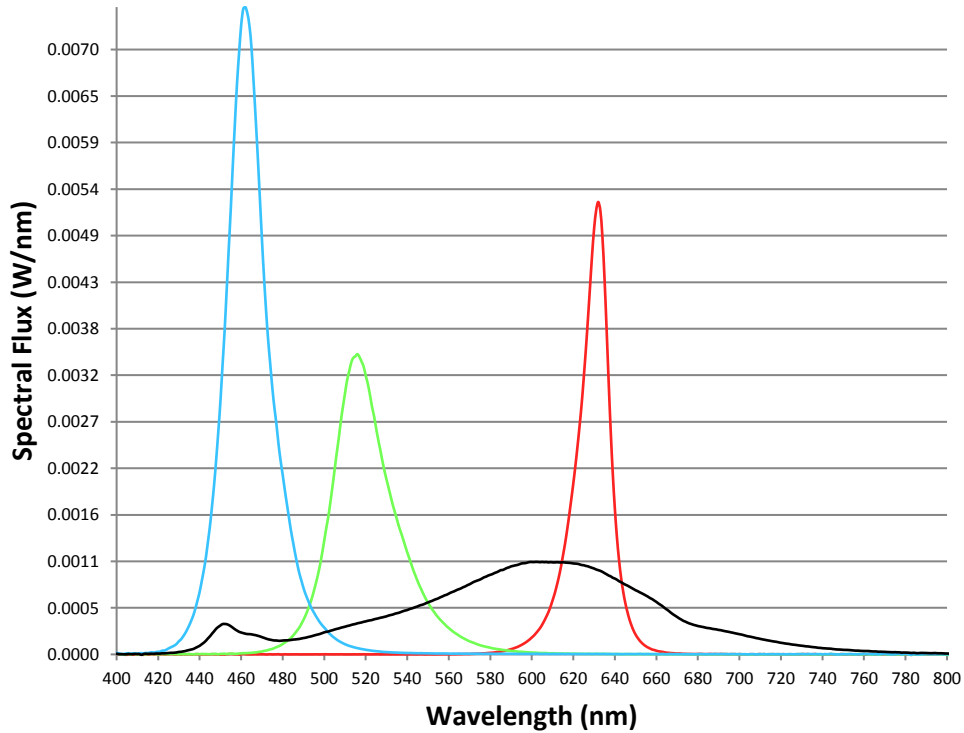
### R Values of White Diodes

R1(White): 77.87662  
R2(White): 89.48207  
R3(White): 96.89331  
R4(White): 76.1488  
R5(White): 77.21244  
R6(White): 86.85532  
R7(White): 82.1658  
R8(White): 56.84891  
R9(White): 6.917197  
R10(White): 76.14973  
R11(White): 73.17686  
R12(White): 67.15606  
R13(White): 80.11925  
R14(White): 98.91634

Date of Test: 8/3/15  
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): 630.5	Blue Center Wavelength (nm): 462.5
Red Full Width (nm): 15	Blue Full Width (nm): 21
Red Centroid Wavelength (nm): 628.421	Blue Centroid Wavelength (nm): 464.3523509
Red Dominant Wavelength (nm): 622	Blue Dominant Wavelength (nm): 466
Red Purity: 99.74998	Blue Purity: 97.29841343
Green Peak Wavelength (nm): 516	White Peak Wavelength (nm): 602
Green Center Wavelength (nm): 518	White Center Wavelength (nm): 603.5
Green Full Width (nm): 30	White Full Width (nm): 121
Green Centroid Wavelength (nm): 521.165	White Centroid Wavelength (nm): 595.5727369
Green Dominant Wavelength (nm): 521	
Green Purity: 77.51074	

## Environmental Lights

888-880-1800