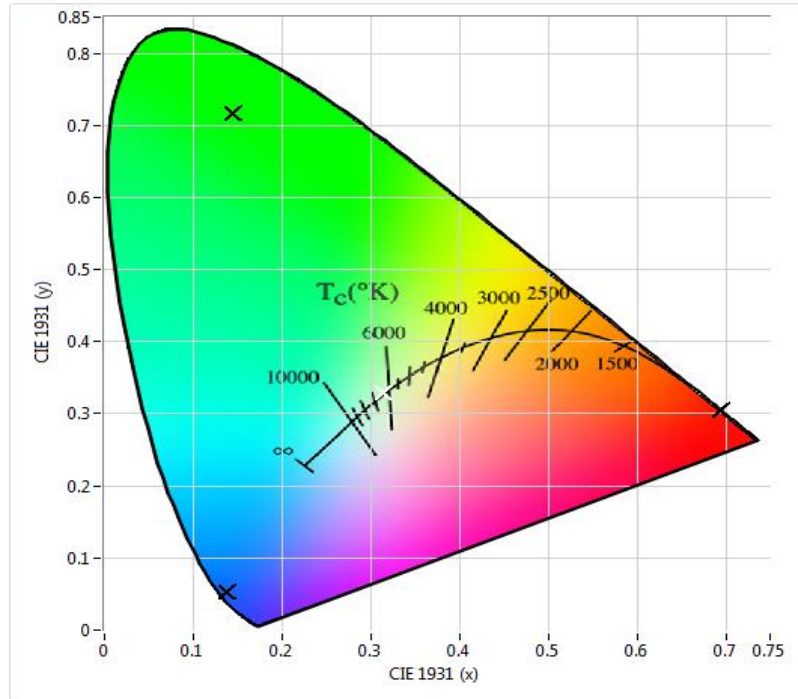


## Integrating Sphere Test Report

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



RGBDW-4in1-CC5050-72-reel



### Photometric Test Results

Red Total Radiant Flux\* (W): 0.093541  
 Red Total Luminous Flux\* (lm): 19.287  
 Red CIE 1931 Tristimulus x: 0.694422  
 Red CIE 1931 Tristimulus y: 0.305461  
 Red CIE 1931 Tristimulus Y: 0.028239  
 Red CIE 1976 Chroma u': 0.526408  
 Red CIE 1976 Chroma v': 0.520999  
 Green Total Radiant Flux\* (W): 0.12837  
 Green Total Luminous Flux\* (lm): 57.83799  
 Green CIE 1931 Tristimulus x: 0.144299  
 Green CIE 1931 Tristimulus y: 0.717602  
 Green CIE 1931 Tristimulus Y: 0.084682  
 Green CIE 1976 Chroma u': 0.050977  
 Green CIE 1976 Chroma v': 0.570399

Blue Total Radiant Flux\* (W): 0.19737967  
 Blue Total Luminous Flux\* (lm): 12.30547355  
 Blue CIE 1931 Tristimulus x: 0.1378345  
 Blue CIE 1931 Tristimulus y: 0.05307542  
 Blue CIE 1931 Tristimulus Y: 0.0180168  
 Blue CIE 1976 Chroma u': 0.16402835  
 Blue CIE 1976 Chroma v': 0.14211403  
 White Total Radiant Flux\* (W): 0.2061348  
 White Total Luminous Flux\* (lm): 62.48360401  
 White CIE 1931 Tristimulus x: 0.31354907  
 White CIE 1931 Tristimulus y: 0.32826624  
 White CIE 1931 Tristimulus Y: 0.09148405  
 White CIE 1976 Chroma u': 0.19869725  
 White CIE 1976 Chroma v': 0.46805306

\*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): 6465

Duv(White): 0.002401

CQS(White): 81.48

CRI(White): 84.71773

### R Values of White Diodes

R1(White): 85.8101

R2(White): 97.34225

R3(White): 92.23079

R4(White): 76.64708

R5(White): 83.36513

R6(White): 89.96642

R7(White): 83.08169

R8(White): 69.29839

R9(White): 21.7836

R10(White): 90.62809

R11(White): 76.94024

R12(White): 59.14661

R13(White): 90.86966

R14(White): 96.5044

Date of Test: 8/3/15

Length of Test Sample: 150mm

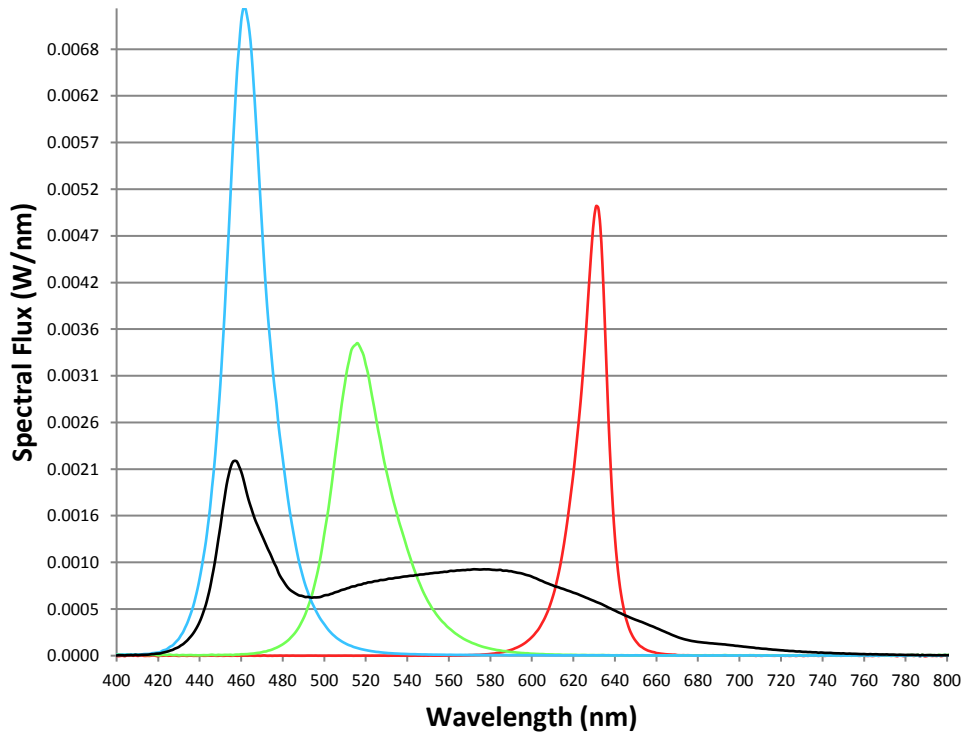
Measurement Geometry: 2pi

Voltage (V): 12

**Environmental Lights**

**888-880-1800**

# Spectral Power Distribution



## Spectral Response Characteristics

Red Peak Wavelength (nm): 631	Blue Peak Wavelength (nm): 462
Red Center Wavelength (nm): 629.5	Blue Center Wavelength (nm): 462.5
Red Full Width (nm): 15	Blue Full Width (nm): 23
Red Centroid Wavelength (nm): 627.5337	Blue Centroid Wavelength (nm): 464.4489711
Red Dominant Wavelength (nm): 0	Blue Dominant Wavelength (nm): 466
Red Purity: 0	Blue Purity: 97.13969133
Green Peak Wavelength (nm): 516	White Peak Wavelength (nm): 457
Green Center Wavelength (nm): 518	White Center Wavelength (nm): 461.5
Green Full Width (nm): 30	White Full Width (nm): 27
Green Centroid Wavelength (nm): 521.0866	White Centroid Wavelength (nm): 541.2108054
Green Dominant Wavelength (nm): 521	
Green Purity: 76.81863	

## Environmental Lights

888-880-1800