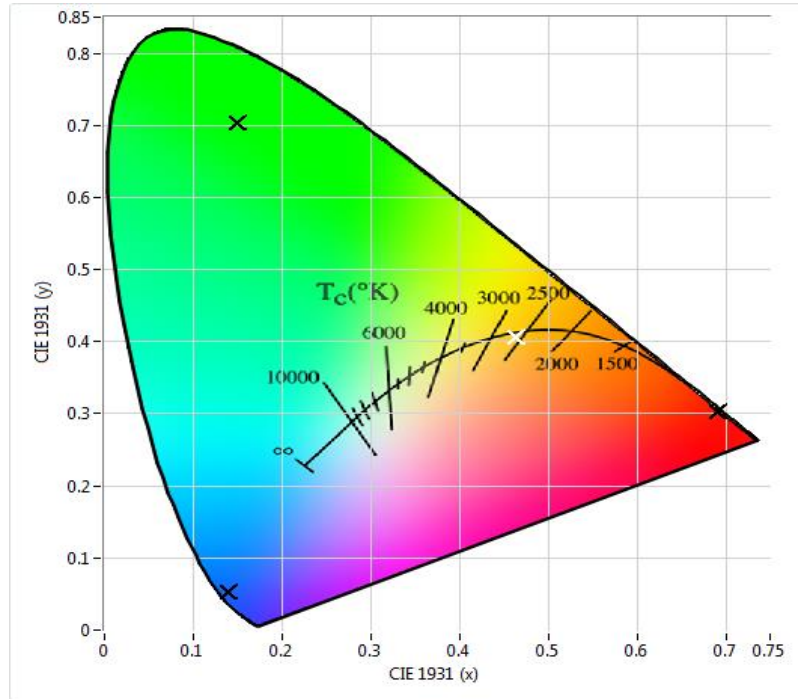


Integrating Sphere Test Report

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



RGBWW-4in1-CC5050-60-reel



Photometric Test Results

Red Total Radiant Flux* (W): 0.076748
 Red Total Luminous Flux* (lm): 15.03601
 Red CIE 1931 Tristimulus x: 0.690915
 Red CIE 1931 Tristimulus y: 0.302748
 Red CIE 1931 Tristimulus Y: 0.022015
 Red CIE 1976 Chroma u': 0.526296
 Red CIE 1976 Chroma v': 0.518884
 Green Total Radiant Flux* (W): 0.102469
 Green Total Luminous Flux* (lm): 44.40294
 Green CIE 1931 Tristimulus x: 0.149692
 Green CIE 1931 Tristimulus y: 0.703577
 Green CIE 1931 Tristimulus Y: 0.065012
 Green CIE 1976 Chroma u': 0.053732
 Green CIE 1976 Chroma v': 0.568239

Blue Total Radiant Flux* (W): 0.15079345
 Blue Total Luminous Flux* (lm): 9.37534226
 Blue CIE 1931 Tristimulus x: 0.13850837
 Blue CIE 1931 Tristimulus y: 0.05312375
 Blue CIE 1931 Tristimulus Y: 0.01372671
 Blue CIE 1976 Chroma u': 0.16486795
 Blue CIE 1976 Chroma v': 0.14227593
 White Total Radiant Flux* (W): 0.12537392
 White Total Luminous Flux* (lm): 39.08859835
 White CIE 1931 Tristimulus x: 0.46253434
 White CIE 1931 Tristimulus y: 0.40640484
 White CIE 1931 Tristimulus Y: 0.05723074
 White CIE 1976 Chroma u': 0.26613829
 White CIE 1976 Chroma v': 0.52614419

*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): 2631

Duv(White): -0.00175

CQS(White): 80.55

CRI(White): 81.89563

R Values of White Diodes

R1(White): 80.2952

R2(White): 91.55168

R3(White): 95.54618

R4(White): 77.66948

R5(White): 80.03185

R6(White): 89.47114

R7(White): 81.56084

R8(White): 59.03867

R9(White): 13.68207

R10(White): 80.50822

R11(White): 75.35257

R12(White): 72.66521

R13(White): 82.76632

R14(White): 98.43511

Date of Test: 8/4/15

Length of Test Sample: 150mm

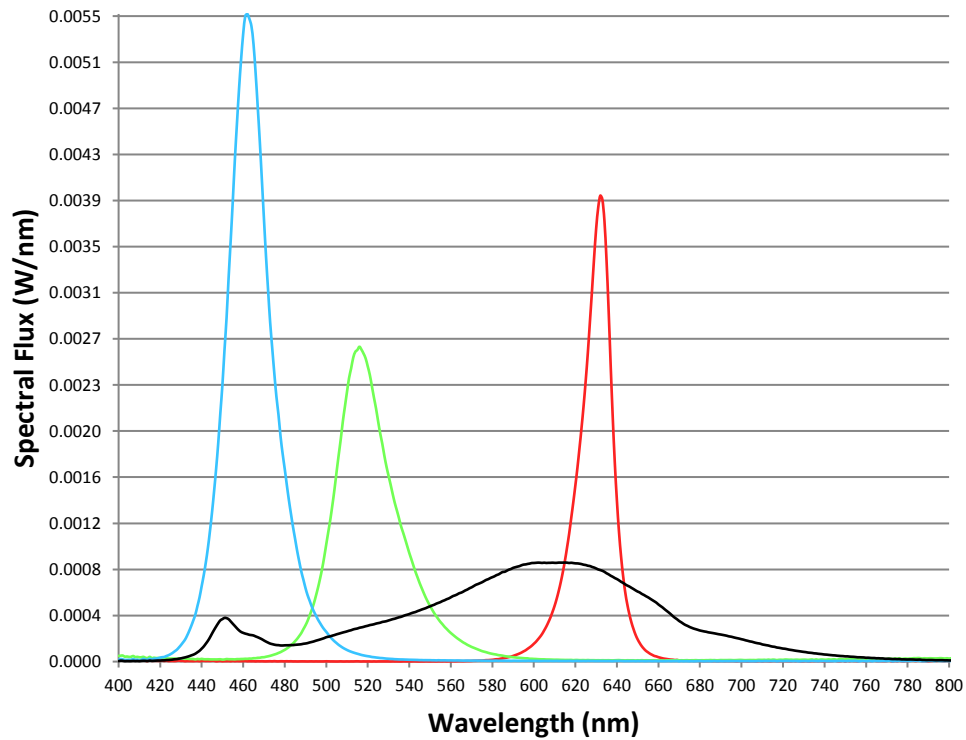
Measurement Geometry: 2pi

Voltage (V): 24

Environmental Lights

888-880-1800

Spectral Power Distribution



Spectral Response Characteristics

| | |
|--|---|
| Red Peak Wavelength (nm): 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): 23 |
| Red Centroid Wavelength (nm): 628.6066 | Blue Centroid Wavelength (nm): 464.3562628 |
| Red Dominant Wavelength (nm): 623 | Blue Dominant Wavelength (nm): 466 |
| Red Purity: 98.13305 | Blue Purity: 96.96086882 |
| Green Peak Wavelength (nm): 516 | White Peak Wavelength (nm): 615 |
| Green Center Wavelength (nm): 518 | White Center Wavelength (nm): 604 |
| Green Full Width (nm): 30 | White Full Width (nm): 122 |
| Green Centroid Wavelength (nm): 521.42 | White Centroid Wavelength (nm): 593.8504675 |
| Green Dominant Wavelength (nm): 521 | |
| Green Purity: 73.98268 | |

Environmental Lights

888-880-1800