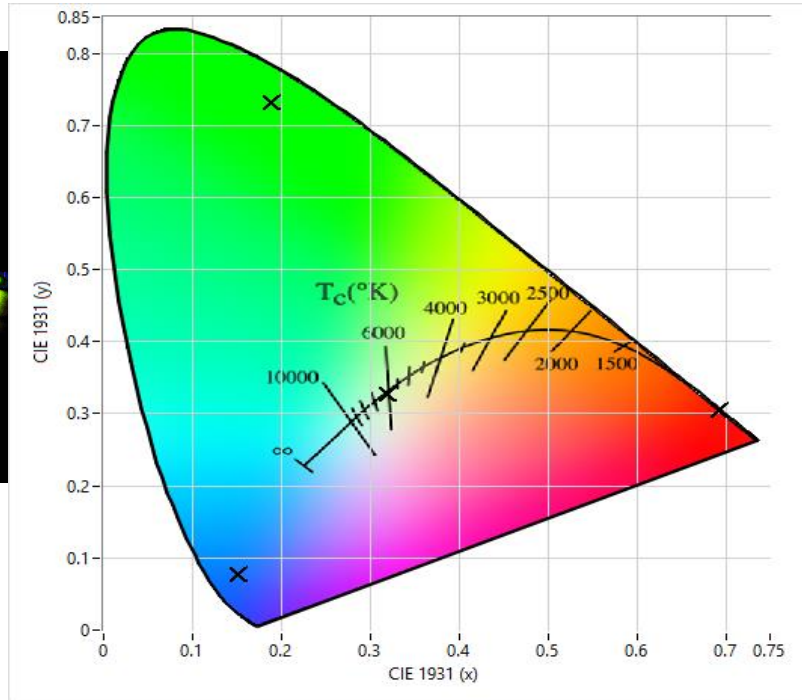


Integrating Sphere Test Report

RGBDW 4-in-1 PixelControl LED Strip Light, 60/m, 10mm wide, by the 2m Reel
RGBDW-4in1-pixelcontrol-reel-60



RGBDW-4in1-pixelcontrol-reel-60



Photometric Test Results

Red Total Radiant Flux* (W): 0.037218
 Red Total Luminous Flux* (lm): 7.633128
 Red CIE 1931 Tristimulus x: 0.69324
 Red CIE 1931 Tristimulus y: 0.305101
 Red CIE 1931 Tristimulus Y: 0.011183
 Red CIE 1976 Chroma u': 0.525706
 Red CIE 1976 Chroma v': 0.520578
 Green Total Radiant Flux* (W): 0.043355
 Green Total Luminous Flux* (lm): 22.07613
 Green CIE 1931 Tristimulus x: 0.18759
 Green CIE 1931 Tristimulus y: 0.731523
 Green CIE 1931 Tristimulus Y: 0.032307
 Green CIE 1976 Chroma u': 0.065803
 Green CIE 1976 Chroma v': 0.577361

Blue Total Radiant Flux* (W): 0.063904252
 Blue Total Luminous Flux* (lm): 5.60735785
 Blue CIE 1931 Tristimulus x: 0.15098947
 Blue CIE 1931 Tristimulus y: 0.07771917
 Blue CIE 1931 Tristimulus Y: 0.00821768
 Blue CIE 1976 Chroma u': 0.16634975
 Blue CIE 1976 Chroma v': 0.1926576
 White Total Radiant Flux* (W): 0.161102576
 White Total Luminous Flux* (lm): 48.37629101
 White CIE 1931 Tristimulus x: 0.31822476
 White CIE 1931 Tristimulus y: 0.32706051
 White CIE 1931 Tristimulus Y: 0.07082231
 White CIE 1976 Chroma u': 0.20242415
 White CIE 1976 Chroma v': 0.46810037

*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): 6220

Duv(White): -0.00057

CQS(White): 83.79

CRI(White): 87.73

R Values of White Diodes

R1(White): 88.837

R2(White): 96.5475

R3(White): 94.9133

R4(White): 83.5151

R5(White): 86.7406

R6(White): 89.3592

R7(White): 86.9623

R8(White): 74.9726

R9(White): 35.1076

R10(White): 89.1977

R11(White): 83.961

R12(White): 61.1834

R13(White): 92.6344

R14(White): 98.4054

Date of Test: 6/28/19

Length of Test Sample: 150mm

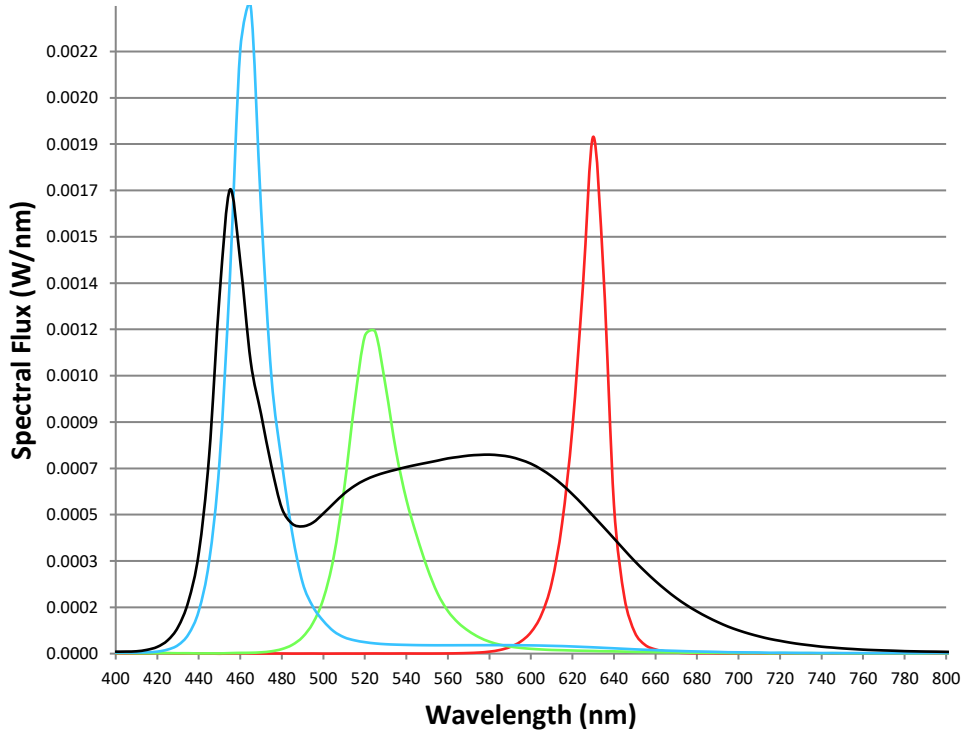
Measurement Geometry: 2pi

Voltage (V): 5

Environmental Lights

888-880-1800

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 630.858	Blue Peak Wavelength (nm): 463.23
Red Center Wavelength (nm): 629.333	Blue Center Wavelength (nm): 463.375
Red Full Width (nm): 14.939	Blue Full Width (nm): 18.068
Red Centroid Wavelength (nm): 627.626	Blue Centroid Wavelength (nm): 471.812
Red Dominant Wavelength (nm): 621	Blue Dominant Wavelength (nm): 467
Red Purity: 99.54278	Blue Purity: 89.63640463
Green Peak Wavelength (nm): 522.756	White Peak Wavelength (nm): 455.35
Green Center Wavelength (nm): 524.35	White Center Wavelength (nm): 458.399
Green Full Width (nm): 28.263	White Full Width (nm): 23.844
Green Centroid Wavelength (nm): 528.535	White Centroid Wavelength (nm): 545.11
Green Dominant Wavelength (nm): 530	
Green Purity: 85.03718	

Environmental Lights

888-880-1800