

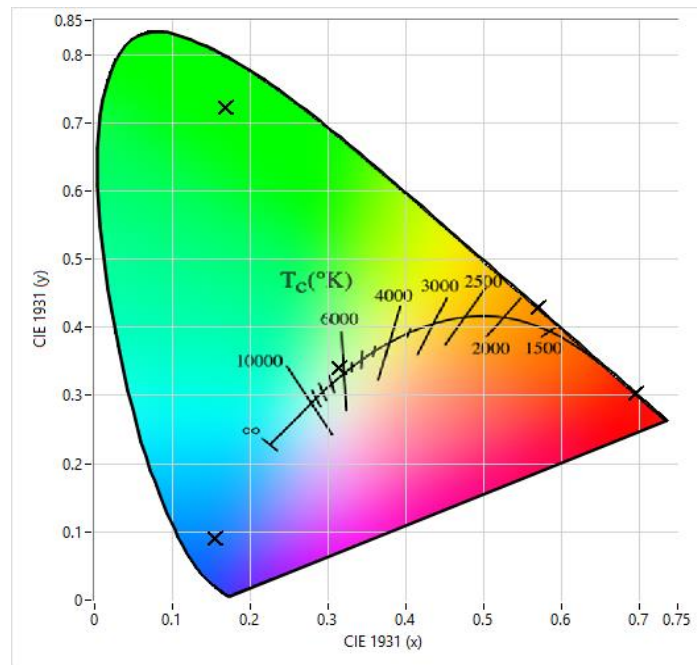
Integrating Sphere Test Report

RGBAW

RGBAW-5in1-5050-60-reel



RGBAW-5in1-5050-60-reel



Photometric Test Results

Red Total Radiant Flux* (W): 0.05832827	Blue Total Radiant Flux* (W): 0.10424612
Red Total Luminous Flux* (lm): 11.19284042	Blue Total Luminous Flux* (lm): 10.32078033
Red CIE 1931 Tristimulus x: 0.69549355	Blue CIE 1931 Tristimulus x: 0.15387134
Red CIE 1931 Tristimulus y: 0.30245387	Blue CIE 1931 Tristimulus y: 0.09036637
Red CIE 1931 Tristimulus Y: 0.01639913	Blue CIE 1931 Tristimulus Y: 0.01512402
Red CIE 1976 Chroma u': 0.53106725	Blue CIE 1976 Chroma u': 0.16297109
Red CIE 1976 Chroma v': 0.51963462	Blue CIE 1976 Chroma v': 0.21534866
Green Total Radiant Flux* (W): 0.06773537	Amber Total Radiant Flux* (W): 0.02191616
Green Total Luminous Flux* (lm): 31.85551549	Amber Total Luminous Flux* (lm): 11.09298359
Green CIE 1931 Tristimulus x: 0.16826076	Amber CIE 1931 Tristimulus x: 0.56975913
Green CIE 1931 Tristimulus y: 0.72152237	Amber CIE 1931 Tristimulus y: 0.42788371
Green CIE 1931 Tristimulus Y: 0.04662299	Amber CIE 1931 Tristimulus Y: 0.01623858
Green CIE 1976 Chroma u': 0.05944693	Amber CIE 1976 Chroma u': 0.32580535
Green CIE 1976 Chroma v': 0.57356002	Amber CIE 1976 Chroma v': 0.55052265
	White Total Radiant Flux* (W): 0.12498657
	White Total Luminous Flux* (lm): 39.60465385
	White CIE 1931 Tristimulus x: 0.31377105
	White CIE 1931 Tristimulus y: 0.34104045
	White CIE 1931 Tristimulus Y: 0.05797846
	White CIE 1976 Chroma u': 0.19413692
	White CIE 1976 Chroma v': 0.47477045

*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): 6368
Duv(White): 0.00872976
CQS(White): 80.12
CRI(White): 81.4126675

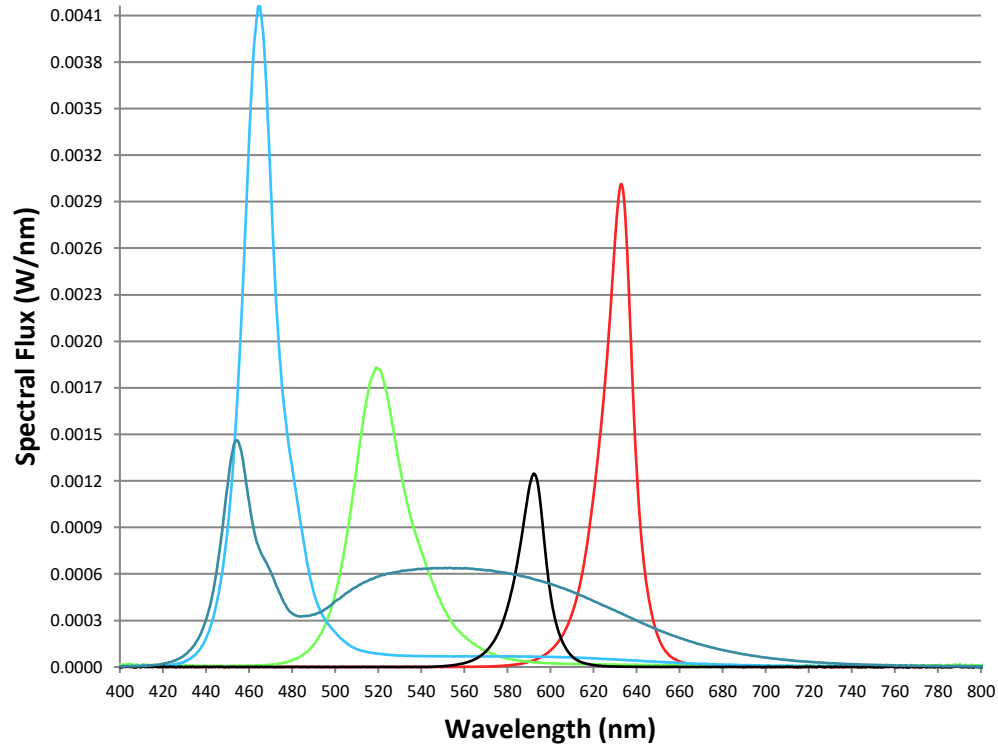
R Values of White Diodes

R1(White): 78.52662342
R2(White): 88.22266223
R3(White): 92.94620096
R4(White): 77.31734206
R5(White): 78.32284598
R6(White): 82.39215006
R7(White): 87.34461069
R8(White): 66.22890461
R9(White): -1.00423074
R10(White): 71.06466046
R11(White): 75.74212844
R12(White): 50.36969677
R13(White): 81.61124336
R14(White): 96.42428748

Date of Test: 1/29/18
Length of Test Sample: 100mm
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
888-880-1800

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 632.91
 Red Center Wavelength (nm): 631.3
 Red Full Width (nm): 15.46
 Red Centroid Wavelength (nm): 629.56
 Red Dominant Wavelength (nm): 623
 Red Purity: 99.4188172

Blue Peak Wavelength (nm): 464.7
 Blue Center Wavelength (nm): 464.84
 Blue Full Width (nm): 17.53
 Blue Centroid Wavelength (nm): 475.8
 Blue Dominant Wavelength (nm): 469
 Blue Purity: 86.82046192

Green Peak Wavelength (nm): 519.64
 Green Center Wavelength (nm): 520.92
 Green Full Width (nm): 28.32
 Green Centroid Wavelength (nm): 525.01
 Green Dominant Wavelength (nm): 526
 Green Purity: 79.58553736

Amber Peak Wavelength (nm): 592.39
 Amber Center Wavelength (nm): 591.27
 Amber Full Width (nm): 14.61
 Amber Centroid Wavelength (nm): 590.18
 Amber Dominant Wavelength (nm): 589
 Amber Purity: 99.48205237

White Peak Wavelength (nm): 454.25
 White Center Wavelength (nm): 455.93
 White Full Width (nm): 19.64
 White Centroid Wavelength (nm): 543.02

Environmental Lights

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