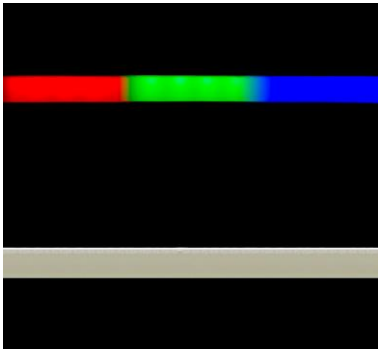


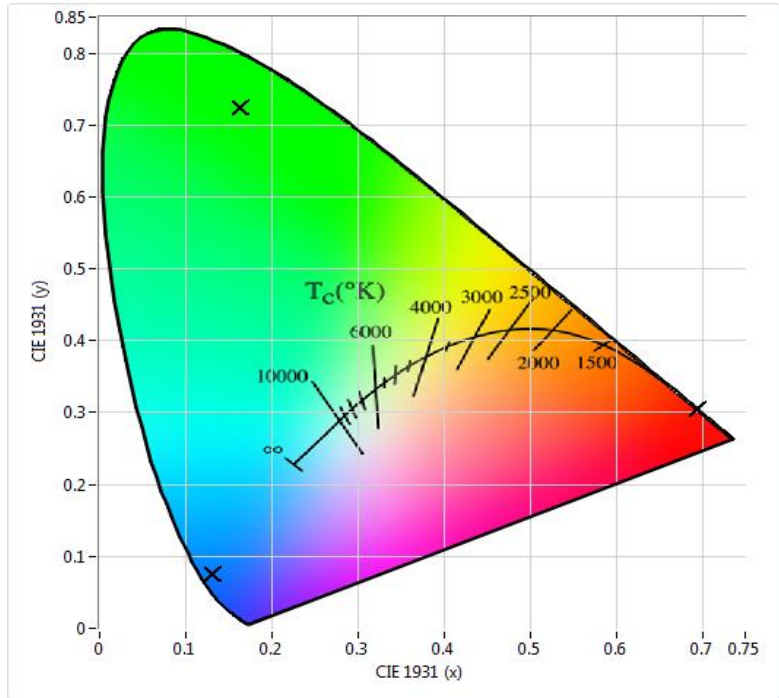
Integrating Sphere Test Report

Waterproof RGB LED Neon, by the 20m Reel

LN-RGB-20



LN-RGB-20



Photometric Test Results

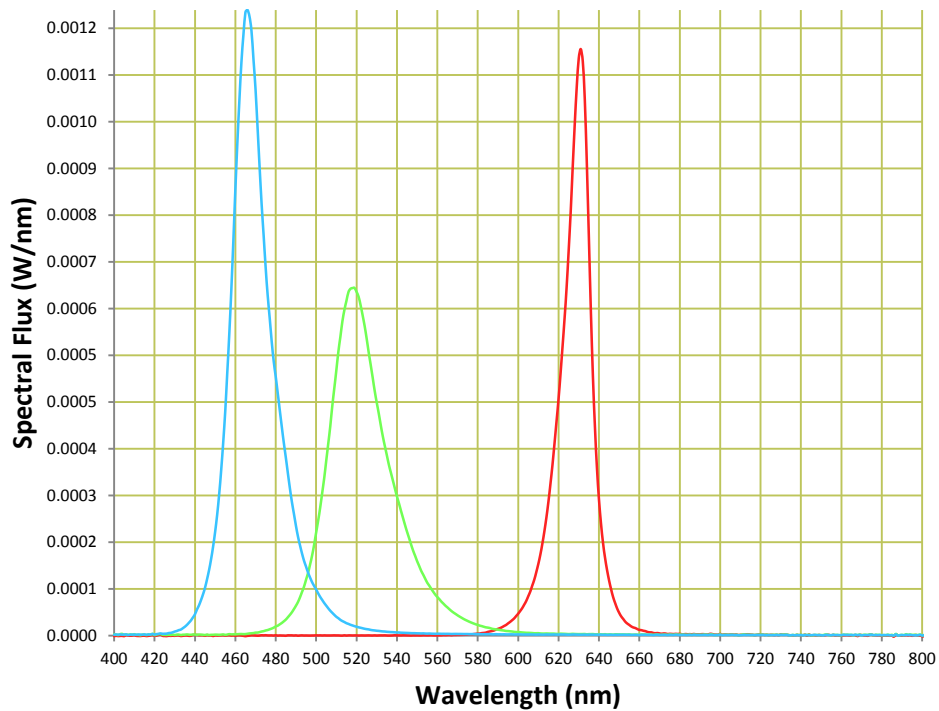
Red Total Radiant Flux* (W): 0.020622
 Red Total Luminous Flux* (lm): 4.210471
 Red CIE 1931 Tristimulus x: 0.695012
 Red CIE 1931 Tristimulus y: 0.305001
 Red CIE 1931 Tristimulus Y: 0.006165
 Red CIE 1976 Chroma u': 0.527524
 Red CIE 1976 Chroma v': 0.520876

Blue Total Radiant Flux* (W): 0.030673
 Blue Total Luminous Flux* (lm): 2.452144
 Blue CIE 1931 Tristimulus x: 0.130449
 Blue CIE 1931 Tristimulus y: 0.075635
 Blue CIE 1931 Tristimulus Y: 0.00359
 Blue CIE 1976 Chroma u': 0.143086
 Blue CIE 1976 Chroma v': 0.186666

Green Total Radiant Flux* (W): 0.0251
 Green Total Luminous Flux* (lm): 11.86467
 Green CIE 1931 Tristimulus x: 0.16269
 Green CIE 1931 Tristimulus y: 0.723835
 Green CIE 1931 Tristimulus Y: 0.017371
 Green CIE 1976 Chroma u': 0.057282
 Green CIE 1976 Chroma v': 0.573429

*Total radiant flux is per test length, listed on page 2, not a characteristic of the entire reel.

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 631	Blue Peak Wavelength (nm): 466
Red Center Wavelength (nm): 629	Blue Center Wavelength (nm): 467
Red Full Width (nm): 14	Blue Full Width (nm): 20
Red Centroid Wavelength (nm): 627.6161	Blue Centroid Wavelength (nm): 470.0941
	Blue Dominant Wavelength (nm): 471
	Blue Purity: 95.52751
Green Peak Wavelength (nm): 519	
Green Center Wavelength (nm): 520.5	
Green Full Width (nm): 31	
Green Centroid Wavelength (nm): 524.0124	
Green Dominant Wavelength (nm): 525	
Green Purity: 79.54446	

Date of Test: 7/23/14
Length of Test Sample: 150mm
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights

888-880-1800