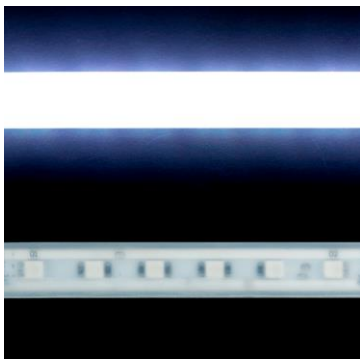
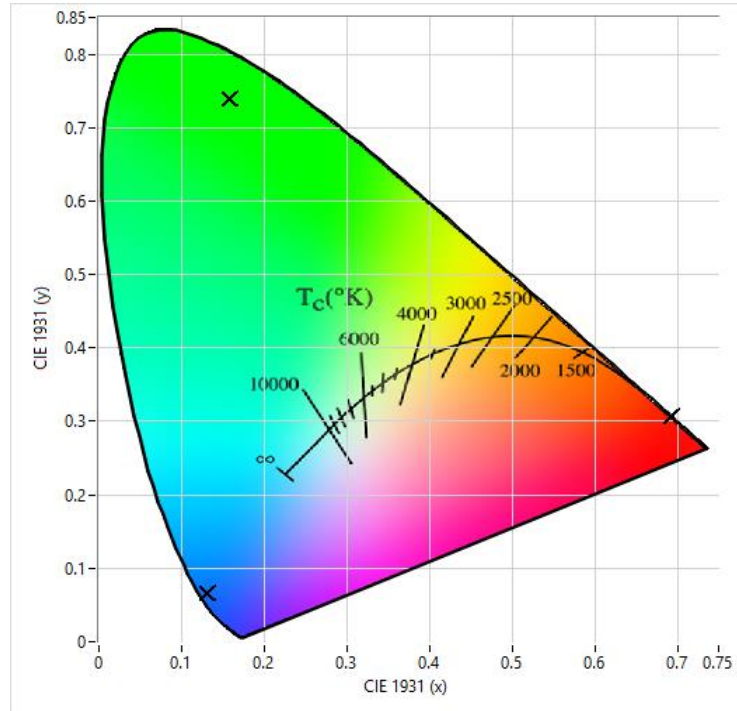


Integrating Sphere Test Report

ProFlex 5050 LED Strip Light - RGB - 60/M
RGB-5050PF-60-15.5



RGB-5050PF-60-15.5



Photometric Test Results

Red Total Radiant Flux* (W): 0.083476
 Red Total Luminous Flux* (lm): 17.72611
 Red CIE 1931 Tristimulus x: 0.692634
 Red CIE 1931 Tristimulus y: 0.306384
 Red CIE 1931 Tristimulus Y: 0.025968
 Red CIE 1976 Chroma u': 0.523599
 Red CIE 1976 Chroma v': 0.521126

Blue Total Radiant Flux* (W): 0.127991
 Blue Total Luminous Flux* (lm): 9.221962
 Blue CIE 1931 Tristimulus x: 0.131312
 Blue CIE 1931 Tristimulus y: 0.065823
 Blue CIE 1931 Tristimulus Y: 0.013522
 Blue CIE 1976 Chroma u': 0.148911
 Blue CIE 1976 Chroma v': 0.167952

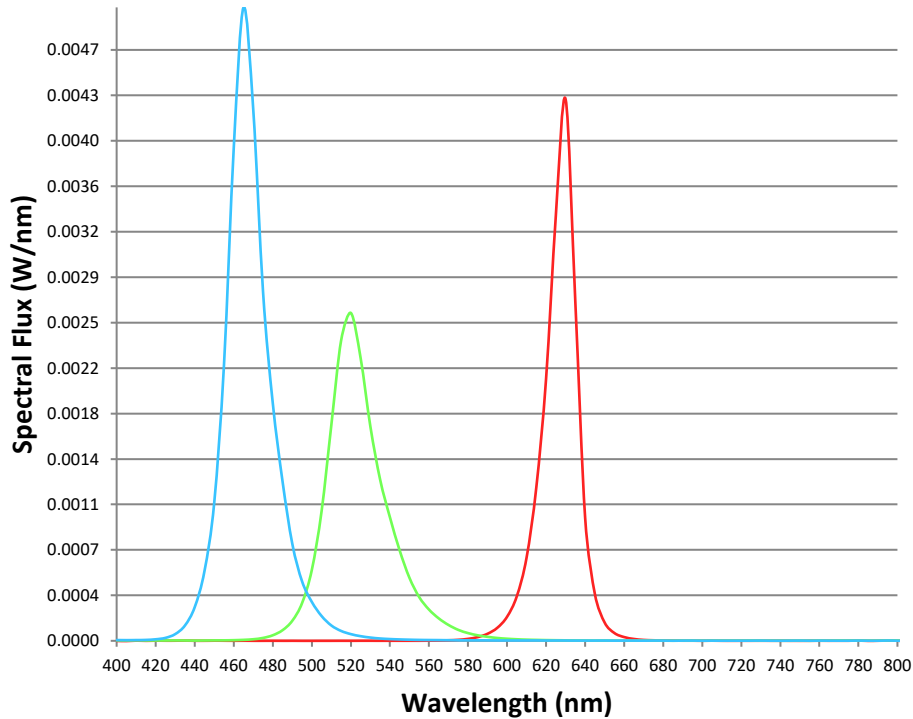
Green Total Radiant Flux* (W): 0.088082
 Green Total Luminous Flux* (lm): 42.87714
 Green CIE 1931 Tristimulus x: 0.15855
 Green CIE 1931 Tristimulus y: 0.738549
 Green CIE 1931 Tristimulus Y: 0.062753
 Green CIE 1976 Chroma u': 0.05493
 Green CIE 1976 Chroma v': 0.575718

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

Environmental Lights

888-880-1880

Spectral Power Distribution



Spectral Response Characteristics

Red Peak Wavelength (nm): 629.79
Red Center Wavelength (nm): 628.33
Red Full Width (nm): 15.03
Red Centroid Wavelength (nm): 626.64
Red Dominant Wavelength (nm): 621
Red Purity: 99.74841

Blue Peak Wavelength (nm): 465.4
Blue Center Wavelength (nm): 466.02
Blue Full Width (nm): 19.35
Blue Centroid Wavelength (nm): 468.41
Blue Dominant Wavelength (nm): 469
Blue Purity: 96.79022

Green Peak Wavelength (nm): 519.24
Green Center Wavelength (nm): 520.87
Green Full Width (nm): 27
Green Centroid Wavelength (nm): 524.52
Green Dominant Wavelength (nm): 525
Green Purity: 82.78156

Date of Test: 12/6/18
Length of Test Sample: 150mm
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
888-880-1800