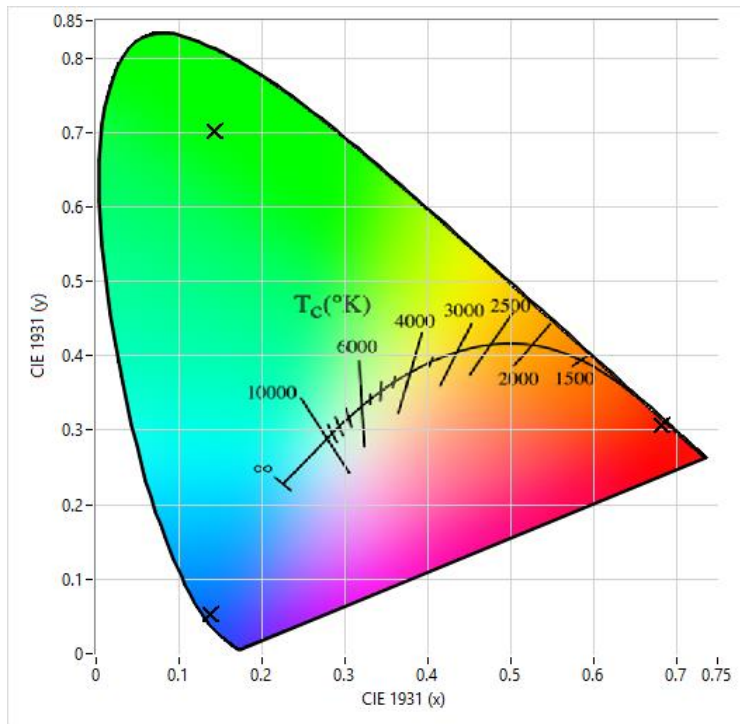


Integrating Sphere Test Report

HyperFlex 5050 LED Strip Light - RGB - 60/m - CurrentControl - 5m Reel
RGB-CC5050HF-60-12-5m



RGB-CC5050HF-60-12-5m



Photometric Test Results

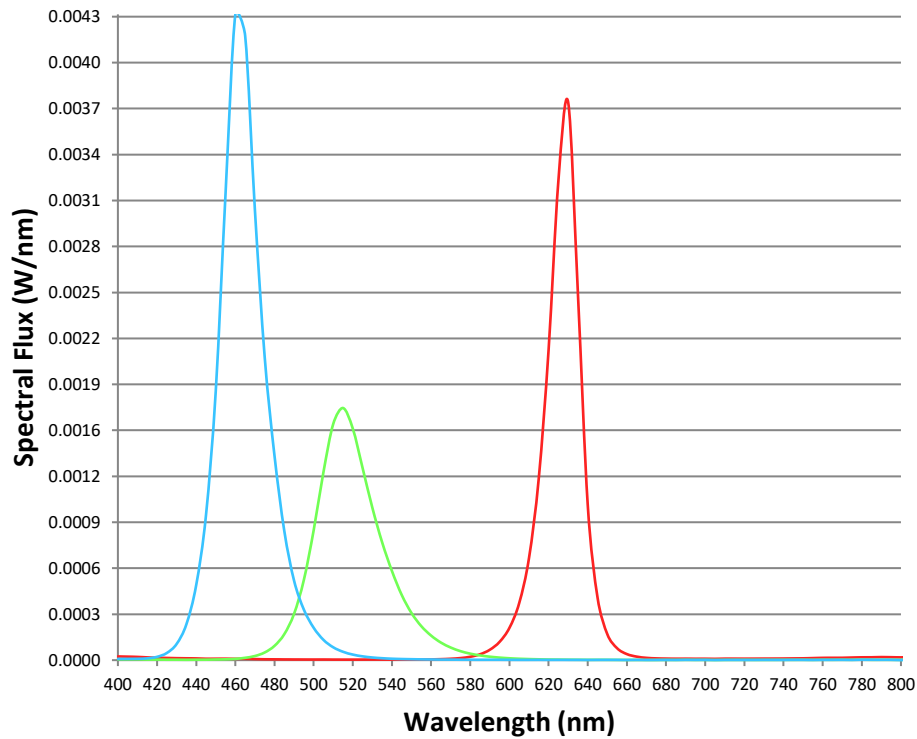
Red Total Radiant Flux* (W): 0.084501
 Red Total Luminous Flux* (lm): 17.57622
 Red CIE 1931 Tristimulus x: 0.681742
 Red CIE 1931 Tristimulus y: 0.305717
 Red CIE 1931 Tristimulus Y: 0.025748
 Red CIE 1976 Chroma u': 0.514025
 Red CIE 1976 Chroma v': 0.518641

Blue Total Radiant Flux* (W): 0.122042
 Blue Total Luminous Flux* (lm): 7.569189
 Blue CIE 1931 Tristimulus x: 0.137138
 Blue CIE 1931 Tristimulus y: 0.053108
 Blue CIE 1931 Tristimulus Y: 0.011099
 Blue CIE 1976 Chroma u': 0.163113
 Blue CIE 1976 Chroma v': 0.142126

Green Total Radiant Flux* (W): 0.068227
 Green Total Luminous Flux* (lm): 29.80008
 Green CIE 1931 Tristimulus x: 0.142464
 Green CIE 1931 Tristimulus y: 0.702047
 Green CIE 1931 Tristimulus Y: 0.043623
 Green CIE 1976 Chroma u': 0.051156
 Green CIE 1976 Chroma v': 0.567202

*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): 629.26
Red Center Wavelength (nm): 627.87
Red Full Width (nm): 17.03
Red Centroid Wavelength (nm): 626.42
Red Dominant Wavelength (nm): 621
Red Purity: 96.27621

Blue Peak Wavelength (nm): 461.88
Blue Center Wavelength (nm): 462.71
Blue Full Width (nm): 21.33
Blue Centroid Wavelength (nm): 464.73
Blue Dominant Wavelength (nm): 466
Blue Purity: 97.31044

Green Peak Wavelength (nm): 514.43
Green Center Wavelength (nm): 516.6
Green Full Width (nm): 33.74
Green Centroid Wavelength (nm): 519.96
Green Dominant Wavelength (nm): 519
Green Purity: 73.6746

Date of Test: 12/13/18
Length of Test Sample: 100mm
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
888-880-1800