

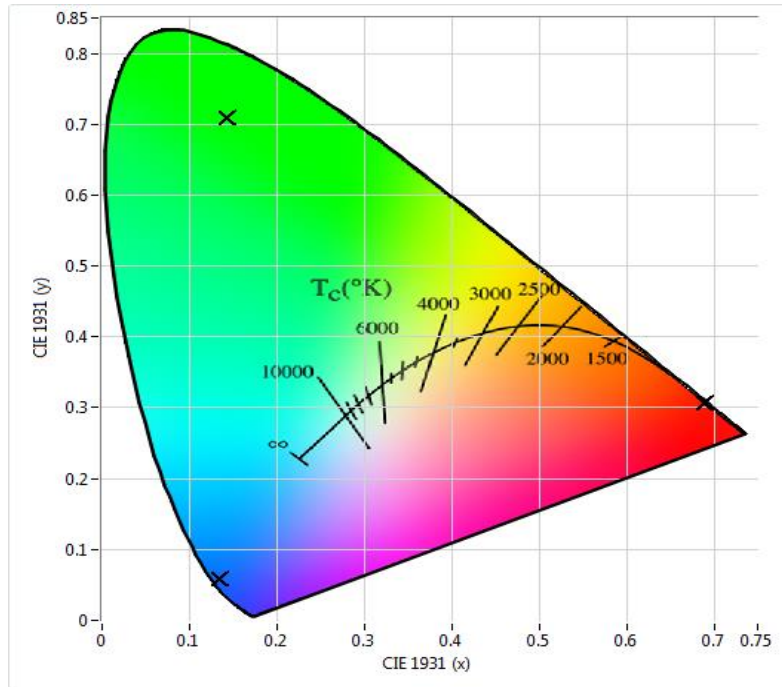
Integrating Sphere Test Report

RGB 3528 LED Strip Light, 84/m, 6mm wide, by the 5m Reel

RGB-3528-84-6-reel



RGB-3528-84-6-reel



Photometric Test Results

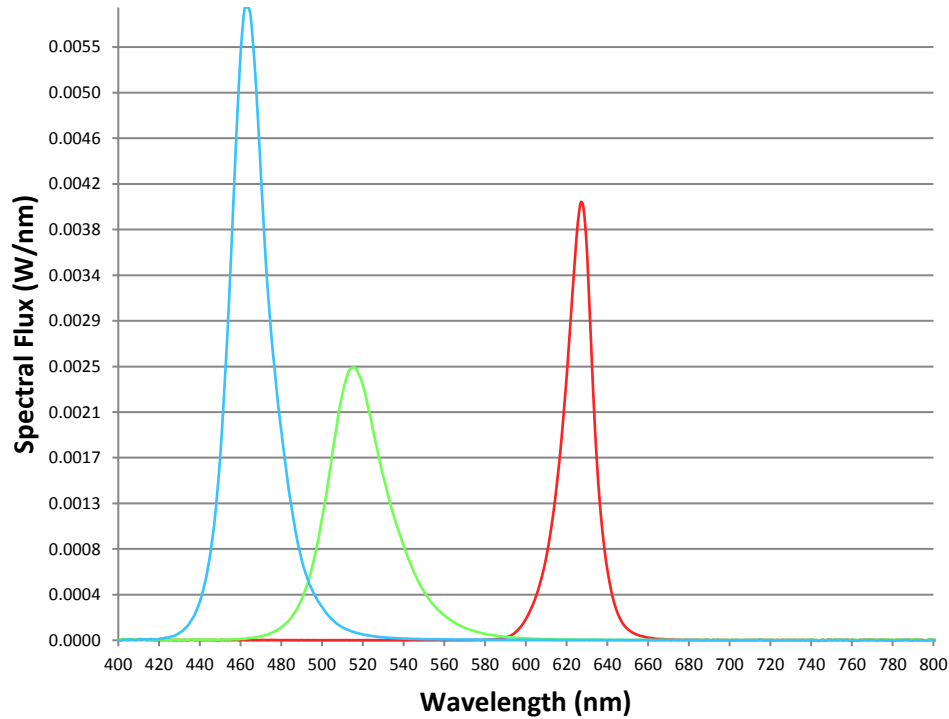
Red Total Radiant Flux* (W): 0.077283
 Red Total Luminous Flux* (lm): 17.19261
 Red CIE 1931 Tristimulus x: 0.689712
 Red CIE 1931 Tristimulus y: 0.307048
 Red CIE 1931 Tristimulus Y: 0.025172
 Red CIE 1976 Chroma u': 0.520032
 Red CIE 1976 Chroma v': 0.520896

Blue Total Radiant Flux* (W): 0.150251
 Blue Total Luminous Flux* (lm): 10.11427
 Blue CIE 1931 Tristimulus x: 0.134564
 Blue CIE 1931 Tristimulus y: 0.058957
 Blue CIE 1931 Tristimulus Y: 0.014809
 Blue CIE 1976 Chroma u': 0.156545
 Blue CIE 1976 Chroma v': 0.154322

Green Total Radiant Flux* (W): 0.096828
 Green Total Luminous Flux* (lm): 42.88719
 Green CIE 1931 Tristimulus x: 0.14287
 Green CIE 1931 Tristimulus y: 0.709413
 Green CIE 1931 Tristimulus Y: 0.062792
 Green CIE 1976 Chroma u': 0.050901
 Green CIE 1976 Chroma v': 0.568682

*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): 627
Red Center Wavelength (nm): 626
Red Full Width (nm): 16
Red Centroid Wavelength (nm): 624.9567
Red Dominant Wavelength (nm): 620
Red Purity: 99.07142

Blue Peak Wavelength (nm): 463
Blue Center Wavelength (nm): 464.5
Blue Full Width (nm): 21
Blue Centroid Wavelength (nm): 466.5675
Blue Dominant Wavelength (nm): 468
Blue Purity: 97.01199

Green Peak Wavelength (nm): 515
Green Center Wavelength (nm): 517.5
Green Full Width (nm): 33
Green Centroid Wavelength (nm): 520.3654
Green Dominant Wavelength (nm): 520
Green Purity: 75.11491

Date of Test: 1/20/16
Length of Test Sample: 150mm
Measurement Geometry: 2pi
Voltage (V): 12

Environmental Lights
888-880-1800