

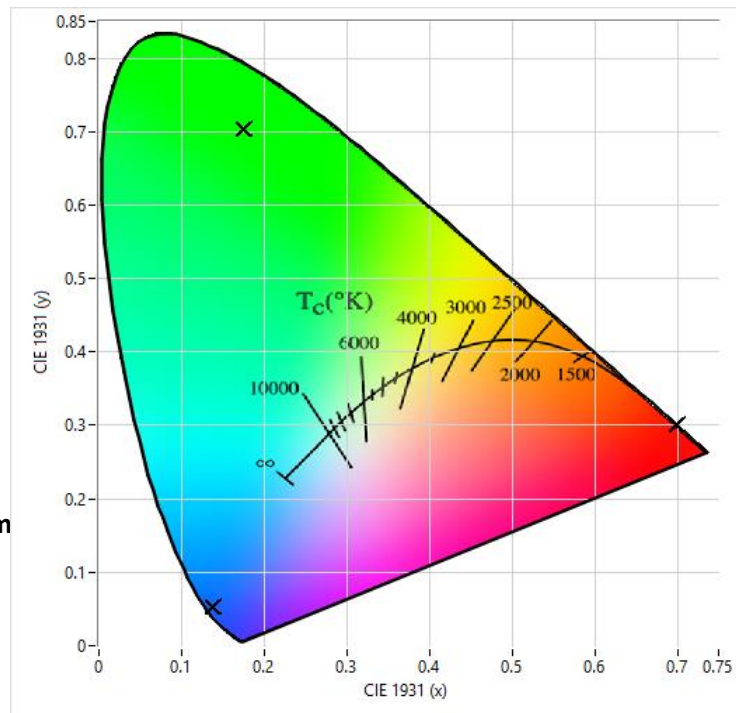
Integrating Sphere Test Report

RGB 160 Degree LED Light Bar - CurrentContol - 480mm

RGB-CC2830-LB160-6-5.5-480mm



RGB-CC2830-LB160-6-5.5-480mm



Photometric Test Results

Red Total Radiant Flux* (W): 0.086626
 Red Total Luminous Flux* (lm): 14.9187
 Red CIE 1931 Tristimulus x: 0.698813
 Red CIE 1931 Tristimulus y: 0.30088
 Red CIE 1931 Tristimulus Y: 0.02186
 Red CIE 1976 Chroma u': 0.536215
 Red CIE 1976 Chroma v': 0.519462

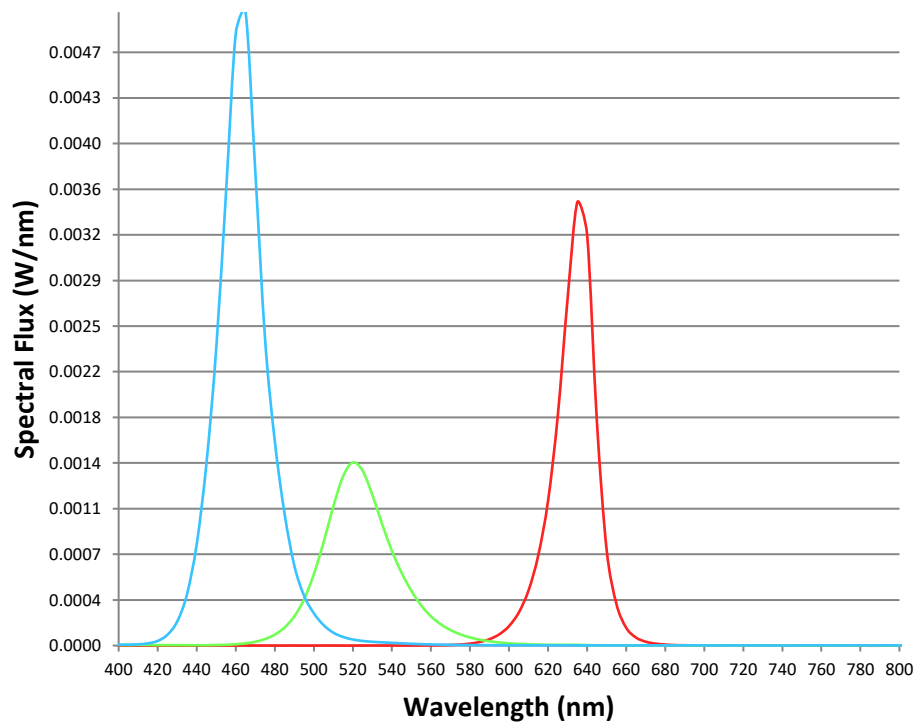
Blue Total Radiant Flux* (W): 0.147421
 Blue Total Luminous Flux* (lm): 9.206089
 Blue CIE 1931 Tristimulus x: 0.138035
 Blue CIE 1931 Tristimulus y: 0.05331
 Blue CIE 1931 Tristimulus Y: 0.013499
 Blue CIE 1976 Chroma u': 0.164149
 Blue CIE 1976 Chroma v': 0.14264

Green Total Radiant Flux* (W): 0.06364
 Green Total Luminous Flux* (lm): 30.31151
 Green CIE 1931 Tristimulus x: 0.174523
 Green CIE 1931 Tristimulus y: 0.704097
 Green CIE 1931 Tristimulus Y: 0.044365
 Green CIE 1976 Chroma u': 0.062891
 Green CIE 1976 Chroma v': 0.570883

*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): 637.01
Red Center Wavelength (nm): 634.88
Red Full Width (nm): 19.62
Red Centroid Wavelength (nm): 632.97
Red Dominant Wavelength (nm): 624
Red Purity: 99.93932

Blue Peak Wavelength (nm): 463.03
Blue Center Wavelength (nm): 462.66
Blue Full Width (nm): 22.8
Blue Centroid Wavelength (nm): 464.15
Blue Dominant Wavelength (nm): 466
Blue Purity: 97.04905

Green Peak Wavelength (nm): 520.67
Green Center Wavelength (nm): 521.96
Green Full Width (nm): 37.01
Green Centroid Wavelength (nm): 524.67
Green Dominant Wavelength (nm): 526
Green Purity: 75.87543

Date of Test: 12/7/18
Length of Test Sample: 3 LEDs
Measurement Geometry: 2pi
Voltage (V): 24

Environmental Lights
888-880-1800