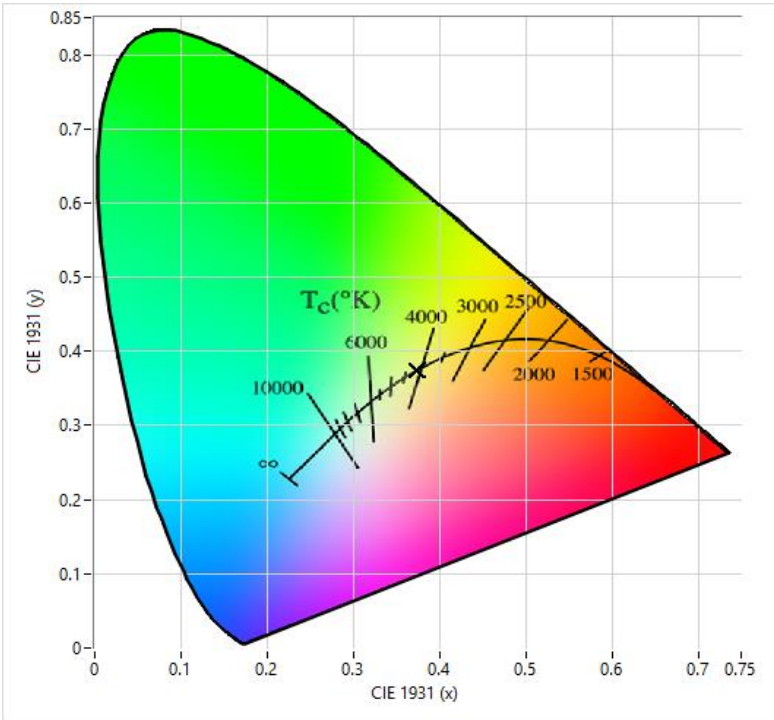


Integrating Sphere Test Report

Neutral White 2835 CurrentControl 160 Degree High Power LED Light Bar, 14 LEDs/bar, 19.7 inches
4000K-CC2835-bar-14



4000K-CC2835-bar-14

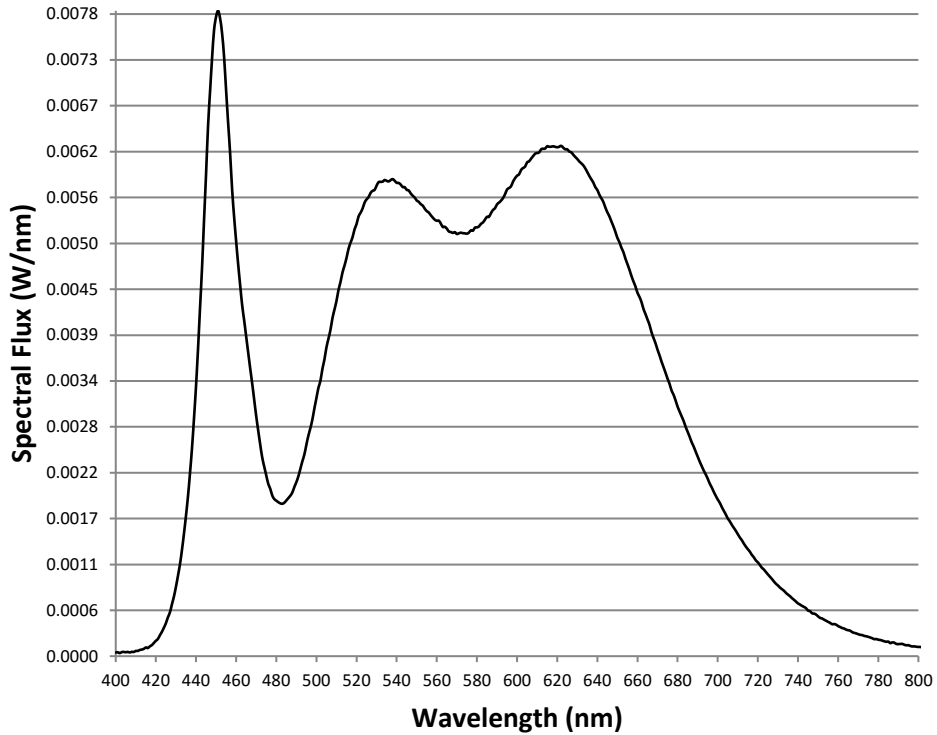


Photometric Test Results

Total Radiant Flux* (W): 1.319538	R1: 96.56957
Total Luminous Flux* (lm): 384.8245	R2: 93.71579
	R3: 88.15988
CIE 1931 Tristimulus x: 0.373159	R4: 94.74991
CIE 1931 Tristimulus y: 0.373956	R5: 94.11828
CIE 1931 Tristimulus Y: 0.563433	R6: 89.78122
	R7: 95.97209
CIE 1976 Chroma u': 0.221422	R8: 93.98717
CIE 1976 Chroma v': 0.499262	R9: 79.76688
	R10: 82.189
Color Temperature (CCT K): 4185	R11: 92.63548
Duv: 0.000891	R12: 65.44441
CQS: 92.02	R13: 95.90628
CRI: 93.38	R14: 92.52091

*Total radiant and luminous flux are per test length, listed on page 2, not characteristic of the entire bar

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 451
Center Wavelength (nm): 453
Full Width (nm): 24
Centroid Wavelength (nm): 575.0259
Voltage (V): 24

Date of Test: 8/3/16
Length of Test Sample: 8 out of 14 LEDs
Measurement Geometry: 2pi

Environmental Lights
888-880-1800