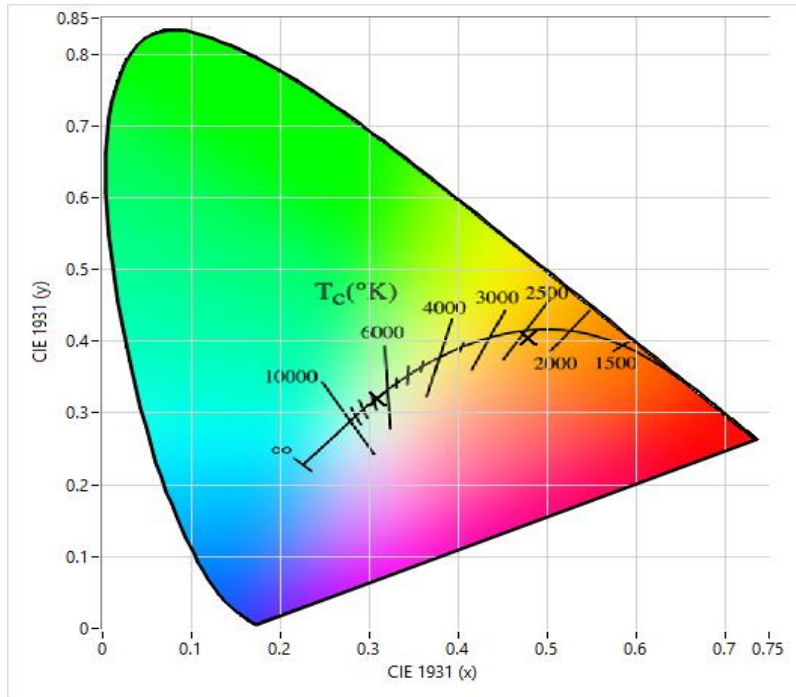


Integrating Sphere Test Report

White Adjustable 2216 TruColor LED Strip Light, 240/m, 10mm wide, by the 5m Reel
ct2216-240-10-reel



ct2216-240-10-reel

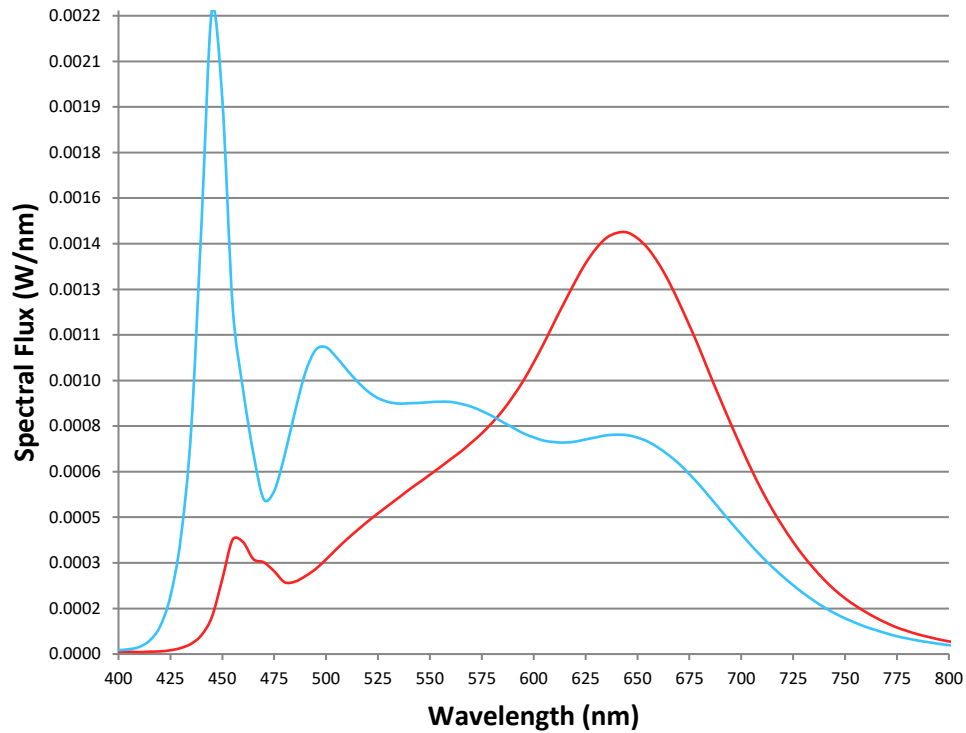


Photometric Test Results

Total Radiant Flux* (Warm) (W): 0.23161	CIE 1931 Tristimulus x (Warm): 0.4788
Total Radiant Flux* (Cool) (W): 0.251044	CIE 1931 Tristimulus x (Cool): 0.309611
Total Luminous Flux* (Warm) (lm): 53.77185	CIE 1931 Tristimulus y (Warm): 0.404701
Total Luminous Flux* (Cool) (lm): 62.68933	CIE 1931 Tristimulus y (Cool): 0.319948
Color Temperature (Warm) (CCT K): 2412	CIE 1931 Tristimulus Y (Warm): 0.078731
Color Temperature (Cool) (CCT K): 6761	CIE 1931 Tristimulus Y (Cool): 0.091784
Duv (Warm): -0.00319	CIE 1976 Chroma u' (Warm): 0.277613
Duv (Cool): 9.39E-05	CIE 1976 Chroma u' (Cool): 0.199102
CQS (Warm): 96.64	CIE 1976 Chroma v' (Warm): 0.527962
CQS (Cool): 91.69	CIE 1976 Chroma v' (Cool): 0.462936
CRI (Warm): 96.7	
CRI (Cool): 96.27	

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

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (Warm) (nm): 642.5
Peak Wavelength (Cool) (nm): 446.21
Center Wavelength (Warm) (nm): 634.61
Center Wavelength (Cool) (nm): 446.63
Full Width (Warm) (nm): 128.86
Full Width (Cool) (nm): 16.84
Centroid Wavelength (Warm) (nm): 621.19
Centroid Wavelength (Cool) (nm): 562.82
Voltage (V): 24

Date of Test: 9/21/18
Length of Test Sample: 100mm
Measurement Geometry: 2pi

Environmental Lights
888-880-1800

R Values of Warm and Cool Diodes

R1 (Warm): 95.89528	R8 (Warm): 98.31942
R1 (Cool): 98.54581	R8 (Cool): 95.93242
R2 (Warm): 96.03924	R9 (Warm): 98.38761
R2 (Cool): 98.26126	R9 (Cool): 91.99317
R3 (Warm): 98.84908	R10 (Warm): 93.3322
R3 (Cool): 96.28426	R10 (Cool): 97.2218
R4 (Warm): 97.33887	R11 (Warm): 93.92578
R4 (Cool): 94.41242	R11 (Cool): 92.22811
R5 (Warm): 95.27081	R12 (Warm): 83.5
R5 (Cool): 98.88082	R12 (Cool): 86.42644
R6 (Warm): 92.03067	R13 (Warm): 95.21966
R6 (Cool): 95.38081	R13 (Cool): 99.27622
R7 (Warm): 96.38853	R14 (Warm): 98.68295
R7 (Cool): 95.90174	R14 (Cool): 98.38928