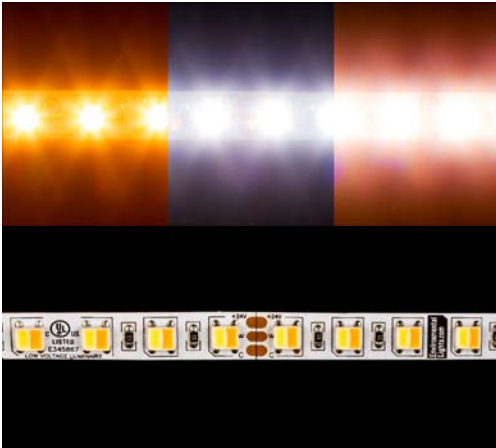
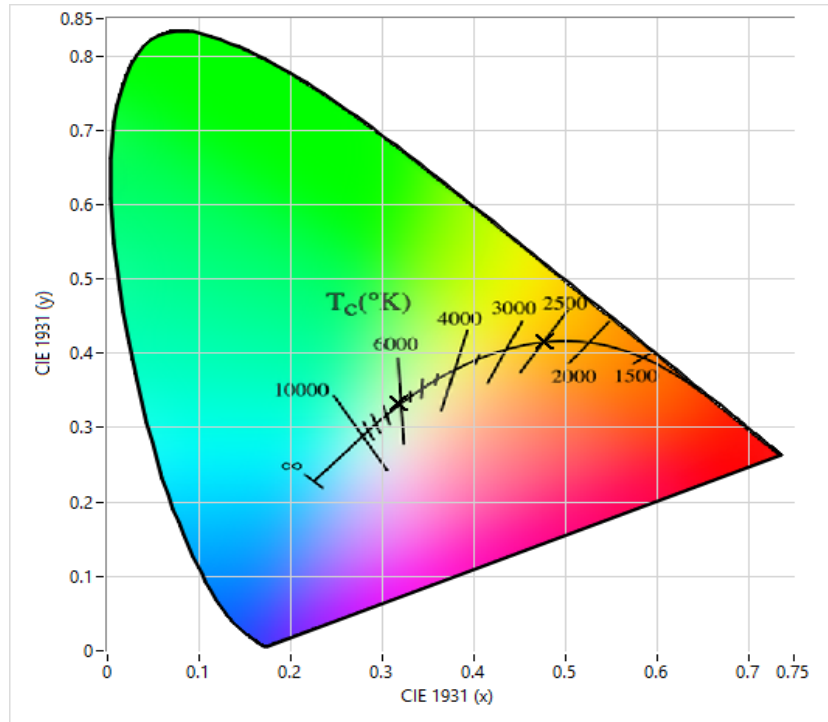


## Integrating Sphere Test Report

White Adjustable 5050 Single Row LED Strip Light, 84/m, 10mm wide  
ct5050-84-10-reel



ct5050-84-10-reel

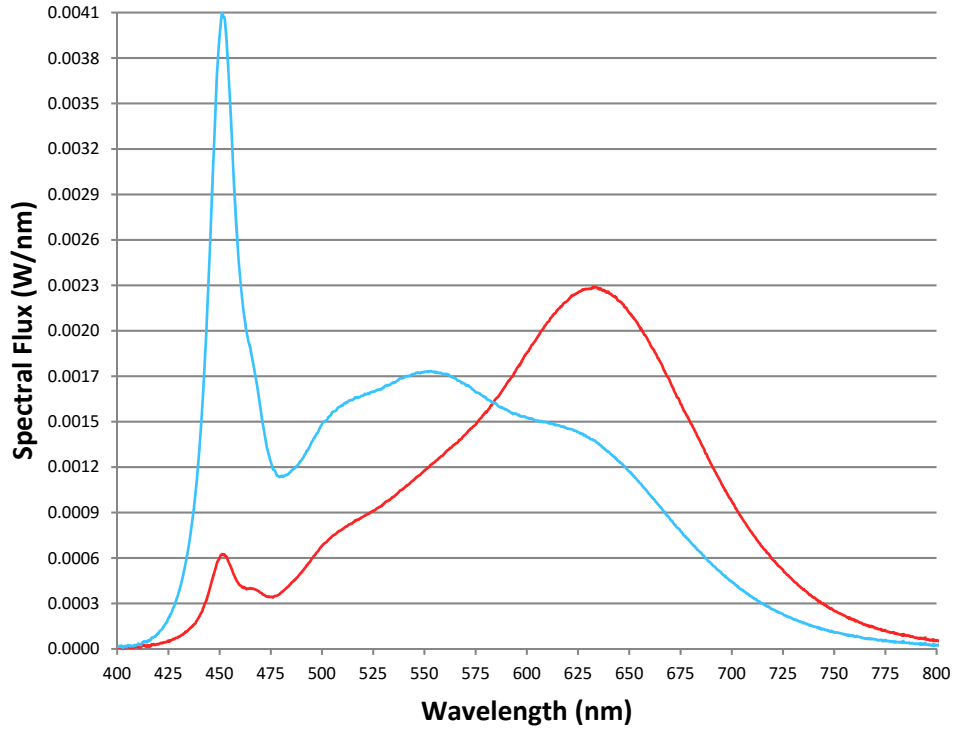


### Photometric Test Results

Total Radiant Flux* (Warm) (W): 0.367627	CIE 1931 Tristimulus x (Warm): 0.477523
Total Radiant Flux* (Cool) (W): 0.410051	CIE 1931 Tristimulus x (Cool): 0.317883
Total Luminous Flux* (Warm) (lm): 95.71569	CIE 1931 Tristimulus y (Warm): 0.415128
Total Luminous Flux* (Cool) (lm): 116.1284	CIE 1931 Tristimulus y (Cool): 0.33219
Color Temperature (Warm) (CCT K): 2504	CIE 1931 Tristimulus Y (Warm): 0.140138
Color Temperature (Cool) (CCT K): 6211	CIE 1931 Tristimulus Y (Cool): 0.170014
Duv (Warm): 0.000481	CIE 1976 Chroma u' (Warm): 0.271842
Duv (Cool): 0.002268	CIE 1976 Chroma u' (Cool): 0.200225
CQS (Warm): 92.10	CIE 1976 Chroma v' (Warm): 0.531724
CQS (Cool): 89.40	CIE 1976 Chroma v' (Cool): 0.470782
CRI (Warm): 95.96	
CRI (Cool): 91.83	

\*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): 632.24  
Peak Wavelength (Cool) (nm): 451.64  
Center Wavelength (Warm) (nm): 621.16  
Center Wavelength (Cool) (nm): 453.26  
Full Width (Warm) (nm): 139.43  
Full Width (Cool) (nm): 19.51  
Centroid Wavelength (Warm) (nm): 613.38  
Centroid Wavelength (Cool) (nm): 554.87  
Voltage (V): 24

Date of Test: 2/1/17  
Length of Test Sample: 150mm  
Measurement Geometry: 2pi

**Environmental Lights**  
**888-880-1800**

### R Values of Warm and Cool Diodes

R1 (Warm): 96.49171	R8 (Warm): 86.94508
R1 (Cool): 91.75591	R8 (Cool): 88.66311
R2 (Warm): 98.76218	R9 (Warm): 72.45102
R2 (Cool): 94.45734	R9 (Cool): 67.54941
R3 (Warm): 99.75915	R10 (Warm): 96.55498
R3 (Cool): 93.73893	R10 (Cool): 85.08476
R4 (Warm): 97.04215	R11 (Warm): 99.25211
R4 (Cool): 91.17877	R11 (Cool): 90.60323
R5 (Warm): 96.81418	R12 (Warm): 91.52294
R5 (Cool): 90.61573	R12 (Cool): 65.10714
R6 (Warm): 98.09936	R13 (Warm): 97.24017
R6 (Cool): 89.0632	R13 (Cool): 92.95689
R7 (Warm): 93.73072	R14 (Warm): 98.87576
R7 (Cool): 95.17933	R14 (Cool): 96.70546