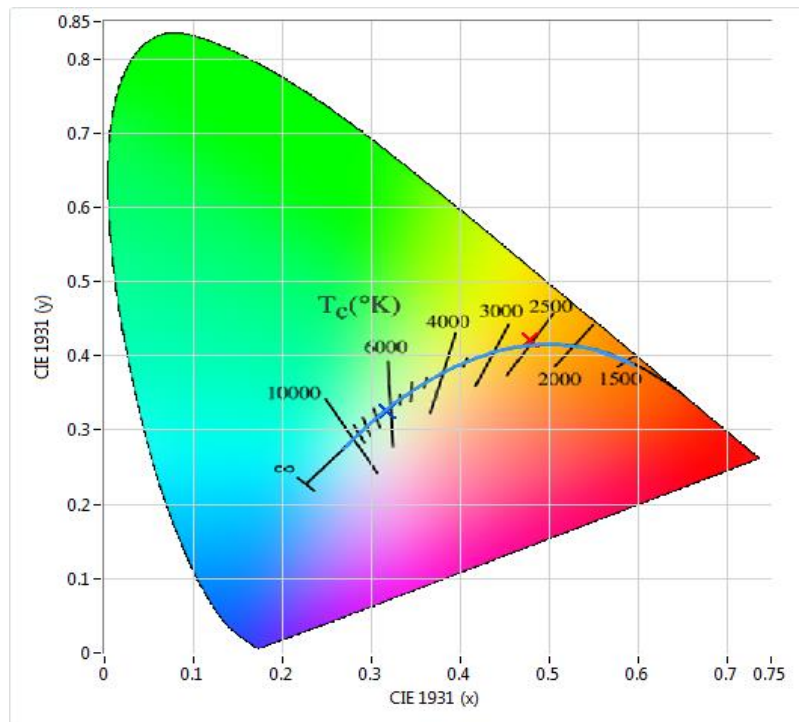


Integrating Sphere Test Report

White Adjustable 3528 Single Row LED Strip Light, 120/m, 10mm wide, by the 5m Reel
ct3528-120-10-reel



ct3528-120-10-reel

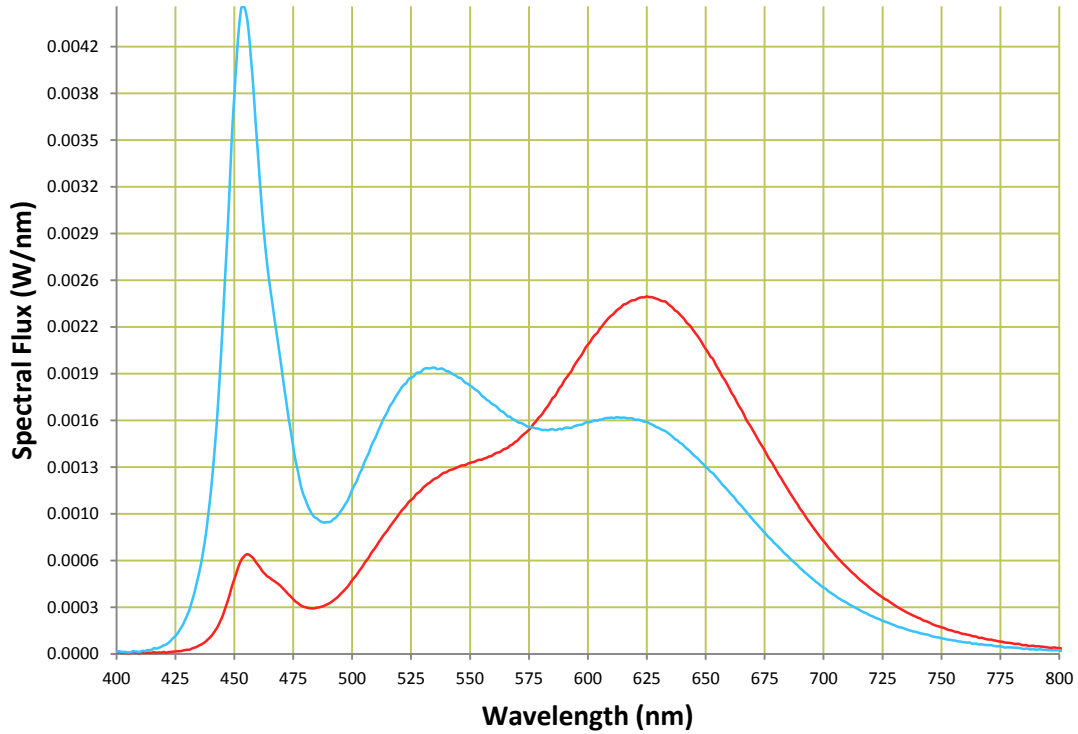


Photometric Test Results

Total Radiant Flux* (Warm) (W): 0.36959861	CIE 1931 Tristimulus x (Warm): 0.478297
Total Radiant Flux* (Cool) (W): 0.43392839	CIE 1931 Tristimulus x (Cool): 0.317326
Total Luminous Flux* (Warm) (lm): 105.010054	CIE 1931 Tristimulus y (Warm): 0.421987
Total Luminous Flux* (Cool) (lm): 120.892985	CIE 1931 Tristimulus y (Cool): 0.324376
Color Temperature (Warm) (CCT K): 2546	CIE 1931 Tristimulus Y (Warm): 0.153748
Color Temperature (Cool) (CCT K): 6285	CIE 1931 Tristimulus Y (Cool): 0.177003
Duv (Warm): 0.00280536	CIE 1976 Chroma u' (Warm): 0.269188
Duv (Cool): -0.0015321	CIE 1976 Chroma u' (Cool): 0.202834
CQS (Warm): 88.784770	CIE 1976 Chroma v' (Warm): 0.534368
CQS (Cool): 89.377421	CIE 1976 Chroma v' (Cool): 0.466515
CRI (Warm): 92.5470339	
CRI (Cool): 94.9637385	

*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): 625
Peak Wavelength (Cool) (nm): 454
Center Wavelength (Warm) (nm): 609
Center Wavelength (Cool) (nm): 456.5
Full Width (Warm) (nm): 144
Full Width (Cool) (nm): 23
Centroid Wavelength (Warm) (nm): 606.5289
Centroid Wavelength (Cool) (nm): 553.6574
Voltage (V): 24

Date of Test: 6/16/14
Length of Test Sample: 150mm
Measurement Geometry: 2pi

Environmental Lights
888-880-1800

R Values of Warm and Cool Diodes

R1 (Warm): 93.55075	R8 (Warm): 82.15603
R1 (Cool): 96.9851445	R8 (Cool): 98.03065
R2 (Warm): 95.343636	R9 (Warm): 58.38645
R2 (Cool): 96.5152292	R9 (Cool): 94.34427
R3 (Warm): 94.684551	R10 (Warm): 86.40841
R3 (Cool): 88.9253718	R10 (Cool): 86.99671
R4 (Warm): 94.2979249	R11 (Warm): 95.24443
R4 (Cool): 96.9881952	R11 (Cool): 94.51499
R5 (Warm): 92.02221	R12 (Warm): 75.92942
R5 (Cool): 94.0025892	R12 (Cool): 60.46433
R6 (Warm): 94.8741827	R13 (Warm): 94.1708
R6 (Cool): 89.7058896	R13 (Cool): 99.07625
R7 (Warm): 93.4469833	R14 (Warm): 95.4903
R7 (Cool): 98.5568364	R14 (Cool): 93.02014

Environmental Lights
888-880-1800

