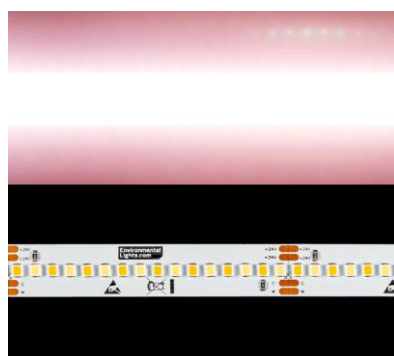
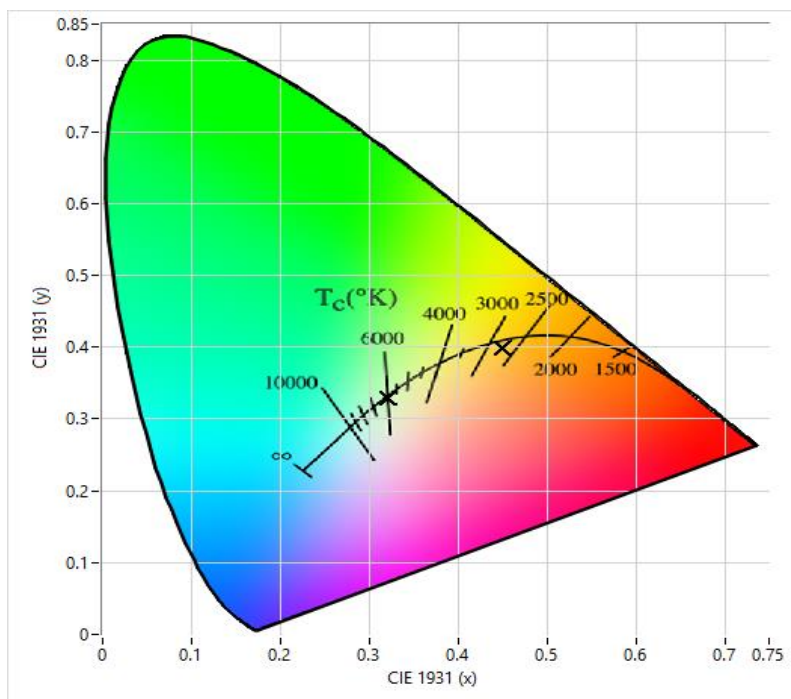


Integrating Sphere Test Report

LumenMax Tunable White LED Strip Light - 224/m -2m reel
TW-2835LM-224-15-2m



TW-2835LM-224-15-2m

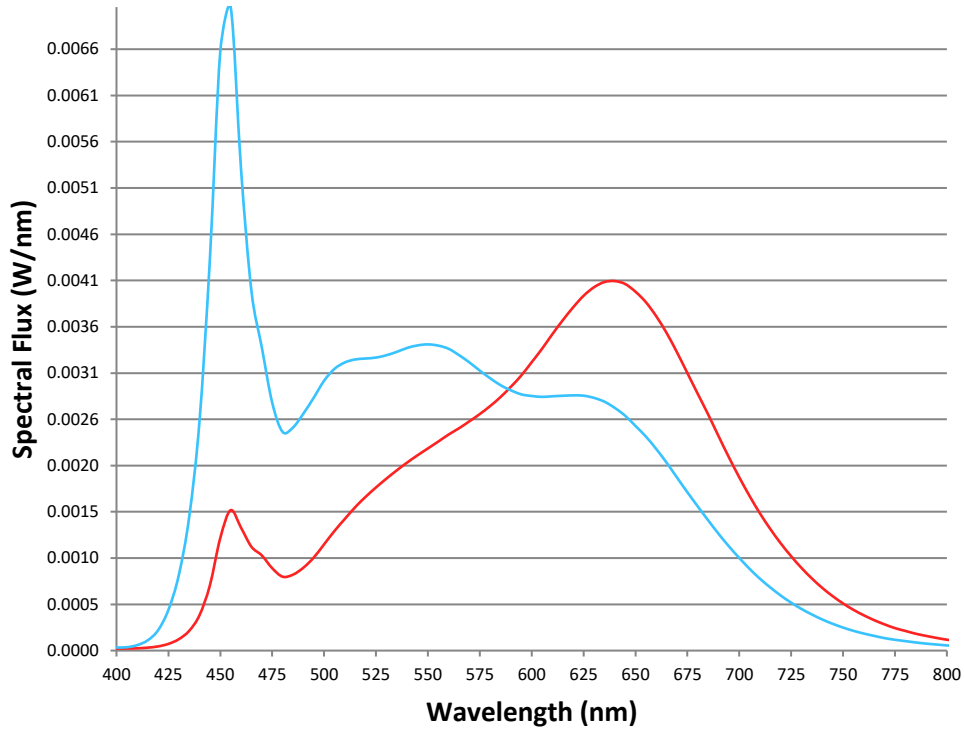


Photometric Test Results

Total Radiant Flux* (Warm) (W): 1.457	CIE 1931 Tristimulus x (Warm): 0.449
Total Radiant Flux* (Cool) (W): 1.718	CIE 1931 Tristimulus x (Cool): 0.320
Total Luminous Flux* (Warm) (lm): 470.794	CIE 1931 Tristimulus y (Warm): 0.399
Total Luminous Flux* (Cool) (lm): 535.508	CIE 1931 Tristimulus y (Cool): 0.330
Color Temperature (Warm) (CCT K): 2769	CIE 1931 Tristimulus Y (Warm): 0.689
Color Temperature (Cool) (CCT K): 6120	CIE 1931 Tristimulus Y (Cool): 0.784
Duv (Warm): -0.00324	CIE 1976 Chroma u' (Warm): 0.260
Duv (Cool): 0.00013	CIE 1976 Chroma u' (Cool): 0.202
CQS (Warm): 80.60	CIE 1976 Chroma v' (Warm): 0.521
CQS (Cool): 78.02	CIE 1976 Chroma v' (Cool): 0.470
CRI (Warm): 81.85	
CRI (Cool): 82.31	

*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): 606.04
Peak Wavelength (Cool) (nm): 454.57
Center Wavelength (Warm) (nm): 599.95
Center Wavelength (Cool) (nm): 454.94
Full Width (Warm) (nm): 115.95
Full Width (Cool) (nm): 17.89
Centroid Wavelength (Warm) (nm): 587.53
Centroid Wavelength (Cool) (nm): 544.86
Voltage (V): 24

Date of Test: 6/27/19
Length of Test Sample: 143mm
Measurement Geometry: 2pi

Environmental Lights
888-880-1800

R Values of Warm and Cool Diodes

R1 (Warm):	81.2002	R8 (Warm):	56.5496
R1 (Cool):	81.7072	R8 (Cool):	70.2092
R2 (Warm):	92.4272	R9 (Warm):	7.0634
R2 (Cool):	88.196	R9 (Cool):	11.6529
R3 (Warm):	94.5914	R10 (Warm):	82.0013
R3 (Cool):	89.0867	R10 (Cool):	68.507
R4 (Warm):	78.301	R11 (Warm):	76.997
R4 (Cool):	80.7249	R11 (Cool):	78.399
R5 (Warm):	81.0667	R12 (Warm):	71.6145
R5 (Cool):	80.5083	R12 (Cool):	49.7854
R6 (Warm):	90.6373	R13 (Warm):	84.1073
R6 (Cool):	80.24	R13 (Cool):	84.0381
R7 (Warm):	80.0217	R14 (Warm):	98.1444
R7 (Cool):	87.7793	R14 (Cool):	94.0088