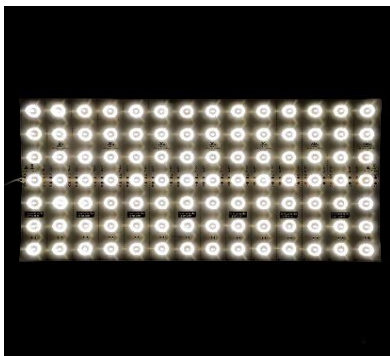
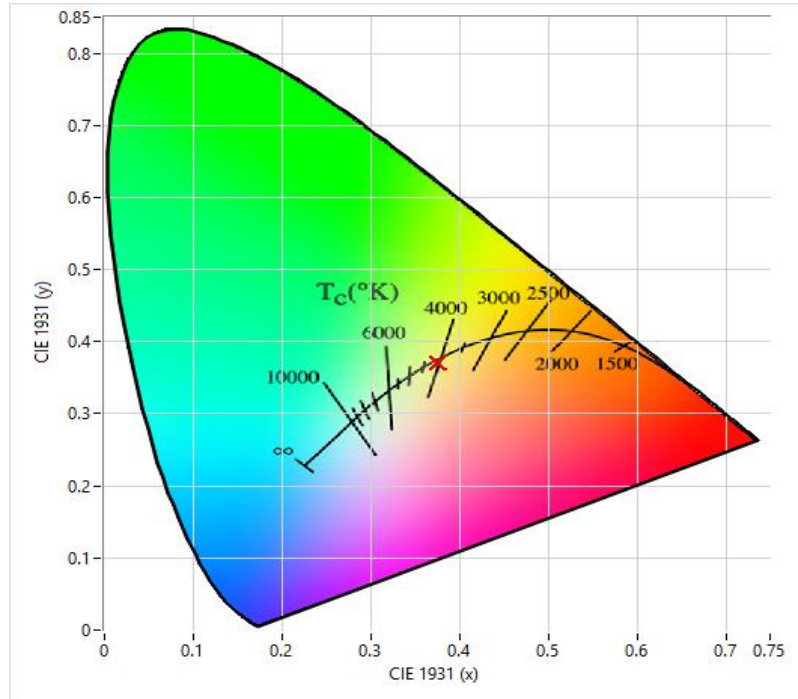


Integrating Sphere Test Report

LumenMax 160 Degree LED Light Sheet - 4,000K - 14 x 7 LEDs
4000K-2835-LS160-14x7



4000K-2835-LS160-14x7



Photometric Test Results

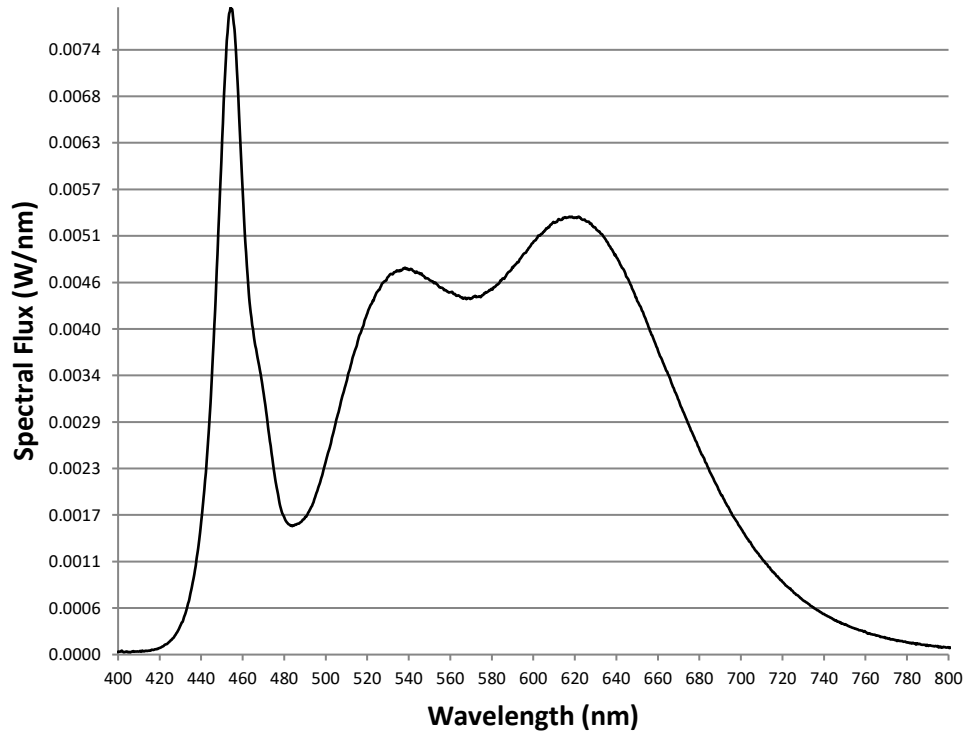
| | |
|-------------------------------------|---------------|
| Total Radiant Flux* (W): 1.102111 | R1: 97.3354 |
| Total Luminous Flux* (lm): 321.0776 | R2: 96.14867 |
| | R3: 90.70429 |
| CIE 1931 Tristimulus x: 0.375762 | R4: 96.03679 |
| CIE 1931 Tristimulus y: 0.369622 | R5: 94.41944 |
| CIE 1931 Tristimulus Y: 0.470053 | R6: 91.52967 |
| | R7: 97.22844 |
| CIE 1976 Chroma u': 0.224874 | R8: 93.4516 |
| CIE 1976 Chroma v': 0.4977 | R9: 81.07286 |
| | R10: 86.67855 |
| Color Temperature (CCT K): 4079 | R11: 93.9107 |
| Duv: -0.00198 | R12: 62.97046 |
| CQS: 90.98 | R13: 97.85174 |
| CRI: 94.61 | R14: 93.71535 |

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

Environmental Lights

888-880-1880

Spectral Power Distribution



Spectral Response Characteristics

Peak Wavelength (nm): 454.37
Center Wavelength (nm): 455.66
Full Width (nm): 18.85
Centroid Wavelength (nm): 577.24
Voltage (V): 24

Date of Test: 8/15/17

Length of Test Sample: 7 LEDs

Measurement Geometry: 2pi

Environmental Lights

888-880-1800