

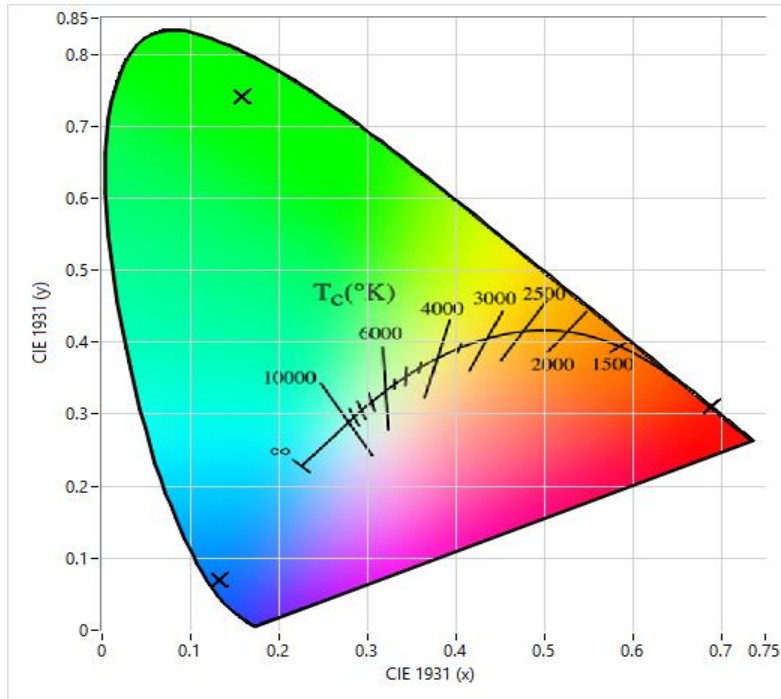
## Integrating Sphere Test Report

EcoFlex LED Neon - RGB

LN-ECO-RGB



LN-ECO-RGB



### Photometric Test Results

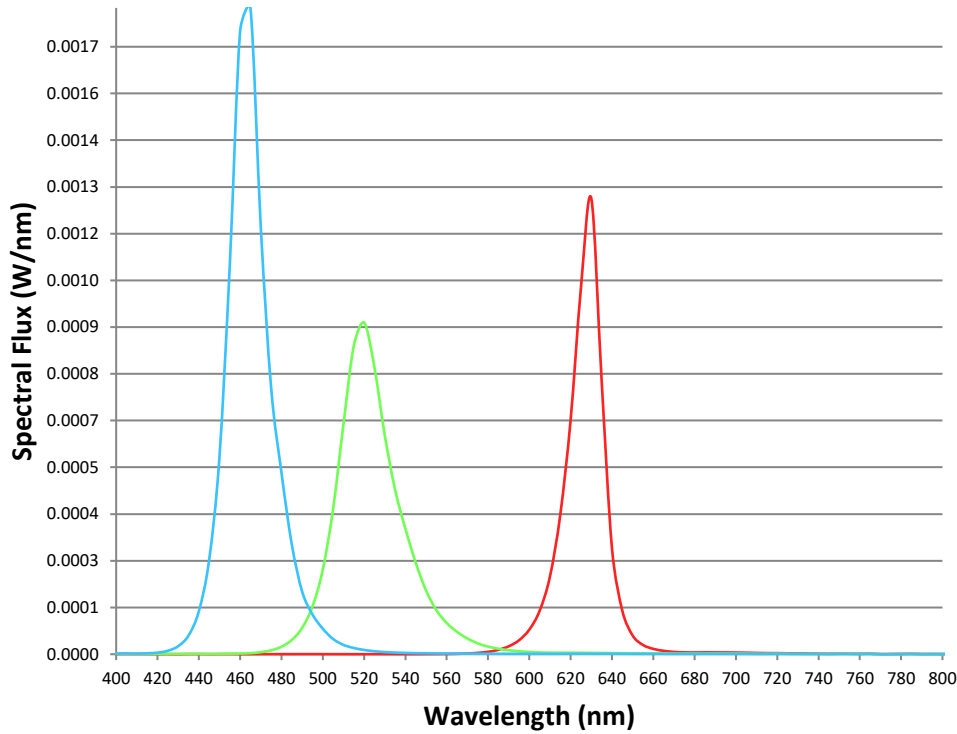
Red Total Radiant Flux\* (W): 0.025901  
 Red Total Luminous Flux\* (lm): 5.511711  
 Red CIE 1931 Tristimulus x: 0.691021  
 Red CIE 1931 Tristimulus y: 0.308102  
 Red CIE 1931 Tristimulus Y: 0.008074  
 Red CIE 1976 Chroma u': 0.520035  
 Red CIE 1976 Chroma v': 0.521697

Blue Total Radiant Flux\* (W): 0.04457  
 Blue Total Luminous Flux\* (lm): 2.778793  
 Blue CIE 1931 Tristimulus x: 0.13654  
 Blue CIE 1931 Tristimulus y: 0.053378  
 Blue CIE 1931 Tristimulus Y: 0.004075  
 Blue CIE 1976 Chroma u': 0.162187  
 Blue CIE 1976 Chroma v': 0.142661

Green Total Radiant Flux\* (W): 0.032418  
 Green Total Luminous Flux\* (lm): 15.50605  
 Green CIE 1931 Tristimulus x: 0.157301  
 Green CIE 1931 Tristimulus y: 0.733395  
 Green CIE 1931 Tristimulus Y: 0.022694  
 Green CIE 1976 Chroma u': 0.054779  
 Green CIE 1976 Chroma v': 0.574654

\*Total radiant flux is per test length, listed on page 2, not a characteristic of the entire reel.

# Spectral Power Distribution



## Spectral Response Characteristics

Red Peak Wavelength (nm): 629.621	Blue Peak Wavelength (nm): 462.829
Red Center Wavelength (nm): 627.919	Blue Center Wavelength (nm): 463.043
Red Full Width (nm): 15.421	Blue Full Width (nm): 17.638
Red Centroid Wavelength (nm): 626.351	Blue Centroid Wavelength (nm): 465.309
Red Dominant Wavelength (nm): 620	Blue Dominant Wavelength (nm): 467
Red Purity: 99.78238	Blue Purity: 97.41657
Green Peak Wavelength (nm): 519.129	
Green Center Wavelength (nm): 520.557	
Green Full Width (nm): 28.008	
Green Centroid Wavelength (nm): 523.815	
Green Dominant Wavelength (nm): 525	
Green Purity: 81.36479	

Date of Test: 7/3/19  
Length of Test Sample: 150mm  
Measurement Geometry: 2pi  
Voltage (V): 24

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