

---

---

## Integrating Sphere Test Report

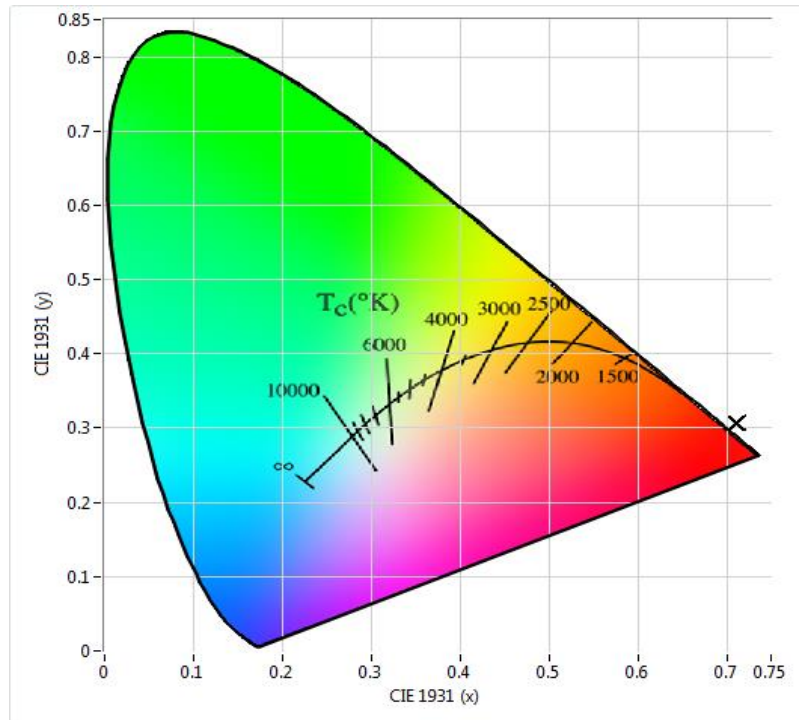
Waterproof Dimmable LED Module, High Brightness Triplex with 5050 LEDs (Red 623 nm)  
red-module-5050-3

---

---



red-module-5050-3

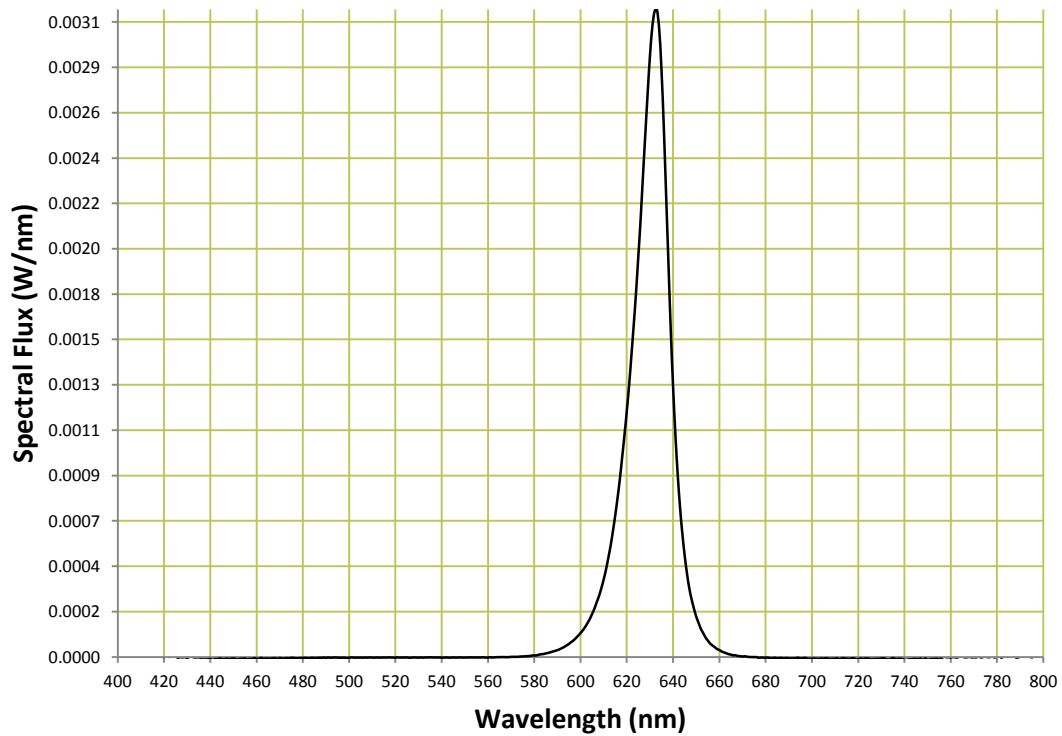


### Photometric Test Results

Total Radiant Flux\* (W): 0.059462  
Total Luminous Flux\* (lm): 12.07792  
CIE 1931 Tristimulus x: 0.710441  
CIE 1931 Tristimulus y: 0.307068  
CIE 1931 Tristimulus Y: 0.017684  
CIE 1976 Chroma u': 0.539855  
CIE 1976 Chroma v': 0.525009

\*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 (nm): 633  
Center Wavelength (nm): 631  
Full Width (nm): 16  
Centroid Wavelength (nm): 629.2026  
Voltage (V): 12

Date of Test: 7/28/14  
Length of Test Sample: 1 module  
Measurement Geometry: 2pi

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