
Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3784$ $y=0.3752$ $u=0.2244$ $v=0.3337$

Chroma Coordinate: $u'=0.2244$ $v'=0.5006$

CCT.: CCT=4046K Dominant: $d=579\text{nm}$ Barycenter: $b=568\text{nm}$ Peak Wavelength: $p=596.6\text{nm}$

FWHM: 150.7nm Purity: $Pe=26.13\%$ Red Ratio: $R=0.184$ Green Ratio: $G=0.777$ Blue Ratio: $B=0.04$

Color CRI.: $Ra=84.78$

R 1=83 R 2=92 R 3=97 R 4=83 R 5=84 R 6=88 R 7=86

R 8=66 R 9=11 R10=79 R11=83 R12=69 R13=86 R14=99

R15=77

Luminosity Parameter

Luminous Flux(380-780nm): 1754.9lm Optical Power(380-780nm): 5.359W Efficient(380-780nm): 97.45lm/W

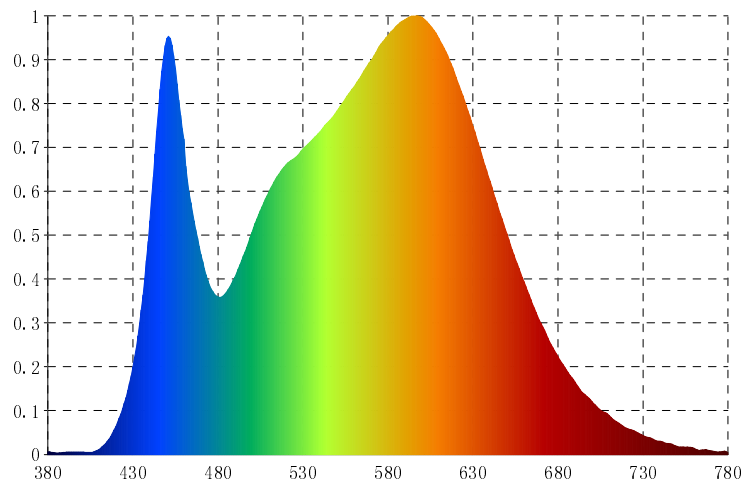
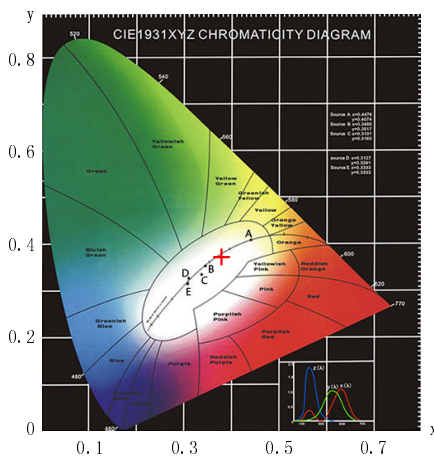
Electric Parameter

Voltage: $U=230\text{V}$ Current: $I=83.317\text{mA}$ Power: $P=18.01\text{W}$ PF: $PF=0.9396$

Device State

Wavelength Range: 380nm-780nm Wavelength Interval: 1nm

CIE1931 Chroma Figure



Debug

Sample No.: 2

Test Cond: $Tg=24.2\text{Cels}$ $Ta=24.6\text{Cels}$ $RH=60\%$

Test Date: 2017-11-1

Product Category: LED

Measure Device: Volnic X10 Series CCD Spectrum System

Operator(Sign): Luo