
Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3805$ $y=0.383$ $u=0.2227$ $v=0.3362$

Chroma Coordinate: $u'=0.2227$ $v'=0.5043$

CCT.: CCT=4044K Dominant: $d=576.8\text{nm}$ Barycenter: $b=568\text{nm}$ Peak Wavelength: $p=594.4\text{nm}$

FWHM: 146.1nm Purity: $Pe=29.11\%$ Red Ratio: $R=0.177$ Green Ratio: $G=0.788$ Blue Ratio: $B=0.035$

Color CRI.: $Ra=81.45$

R 1=79 R 2=88 R 3=95 R 4=80 R 5=79 R 6=83 R 7=85

R 8=61 R 9=-2 R10=71 R11=79 R12=62 R13=81 R14=98

R15=72

Luminosity Parameter

Luminous Flux(380-780nm): 1042.56lm Optical Power(380-780nm): 3.09W Efficient(380-780nm): 98.17lm/W

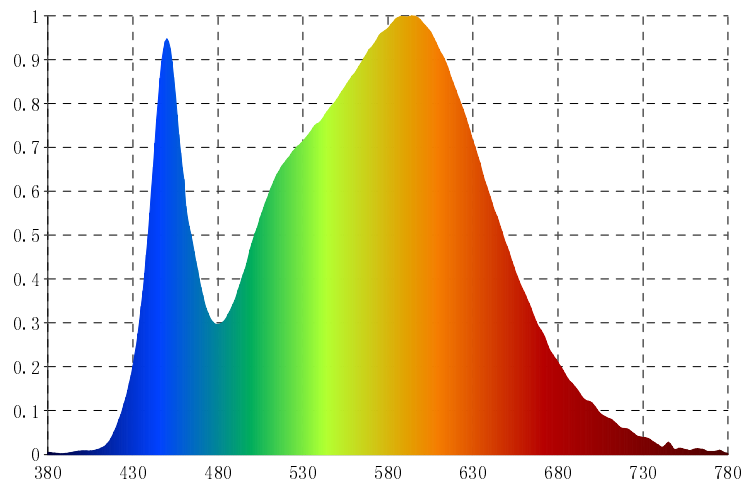
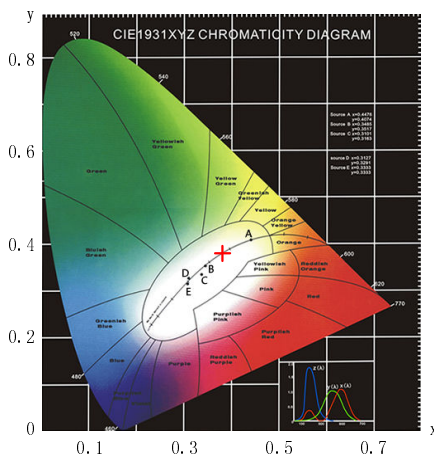
Electric Parameter

Voltage: $U=230\text{V}$ Current: $I=48.746\text{mA}$ Power: $P=10.62\text{W}$ PF: $PF=0.9472$

Device State

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

CIE1931 Chroma Figure



Debug

Sample No.: 1

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

Test Date: 2017-10-24

Product Category: LED

Measure Device: Volnic X10 Series CCD Spectrum System

Operator(Sign): Luo