

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4537$ $y=0.4078$ $u=0.2598$ $v=0.3502$

Chroma Coordinate: $u'=0.2598$ $v'=0.5254$

CCT.: CCT=2766K Dominant: $\lambda_d=584\text{nm}$ Barycenter: $\lambda_b=594\text{nm}$ Peak Wavelength: $\lambda_p=609.8\text{nm}$

FWHM: $\Delta\lambda=112.7\text{nm}$ Purity: $P_e=58.62\%$ Red Ratio: $R=0.25$ Green Ratio: $G=0.727$ Blue Ratio: $B=0.024$

Color CRI.: $R_a=83.6$

R 1=82	R 2=92	R 3=95	R 4=82	R 5=83	R 6=92	R 7=81
R 8=58	R 9=9	R 10=83	R 11=82	R 12=76	R 13=85	R 14=98
R 15=74						

Luminosity Parameter

Luminous Flux(380-780nm): 1552.9lm Optical Power(380-780nm): 4.238W Efficient(380-780nm): 118.8lm/W

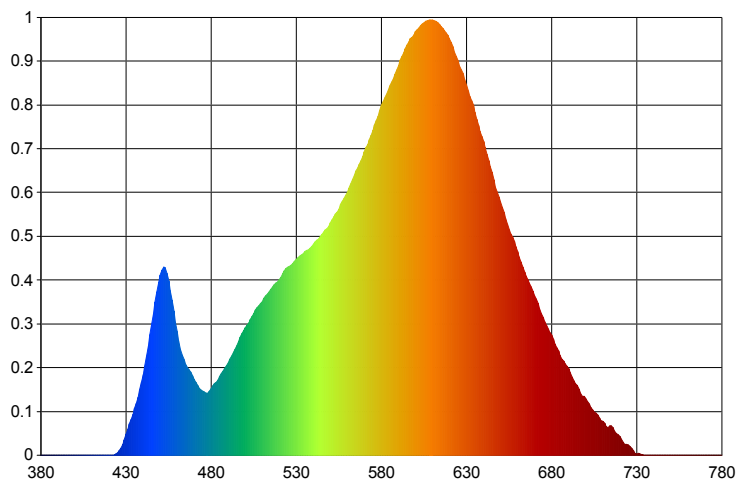
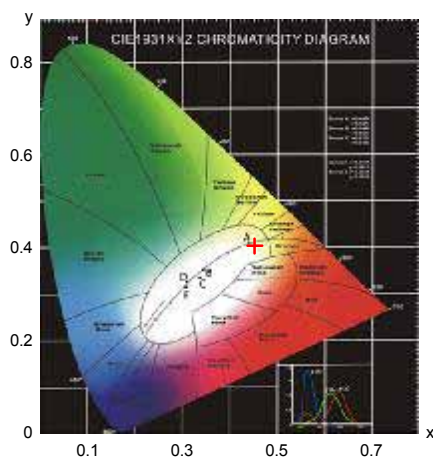
Electric Parameter

Voltage: $U=110.4\text{V}$ Current: $I=121\text{mA}$ Power: $P=13.07\text{W}$ PF: $PF=1$

Device State

Wavelength Range 380nm-780nm Wavelength Interval 1nm

CIE1931 Chroma Figure



Debug

Model EG-LED1227-01(2)

Test Cond: $T_g=24.2\text{Cels}$ $T_a=24.6\text{Cels}$ $RH=60\%$

Test Date: 2014-12-4

Manufacturer: GEMBIRD ELECTRONICS CO.,LTD

Measure Device: Volnic X-8 CCD Spectrum System

Operator(Sign): WANG JIAN