

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.451$ $y=0.4053$ $u=0.2591$ $v=0.3493$

Chroma Coordinate: $u'=0.2591$ $v'=0.524$

CCT.: CCT=2787K Dominant: $\lambda_d=583.9\text{nm}$ Barycenter: $\lambda_b=593\text{nm}$ Peak Wavelength: $\lambda_p=606.1\text{nm}$

FWHM: $\Delta\lambda=112\text{nm}$ Purity: $P_e=57.1\%$ Red Ratio: $R=0.248$ Green Ratio: $G=0.728$ Blue Ratio: $B=0.025$

Color CRI.: $R_a=83.1$

R 1=82	R 2=93	R 3=94	R 4=81	R 5=83	R 6=92	R 7=80
R 8=57	R 9=7	R 10=84	R 11=81	R 12=76	R 13=85	R 14=97
R 15=74						

Luminosity Parameter

Luminous Flux(380-780nm): 1531.5lm Optical Power(380-780nm): 4.184W Efficient(380-780nm): 117.9lm/W

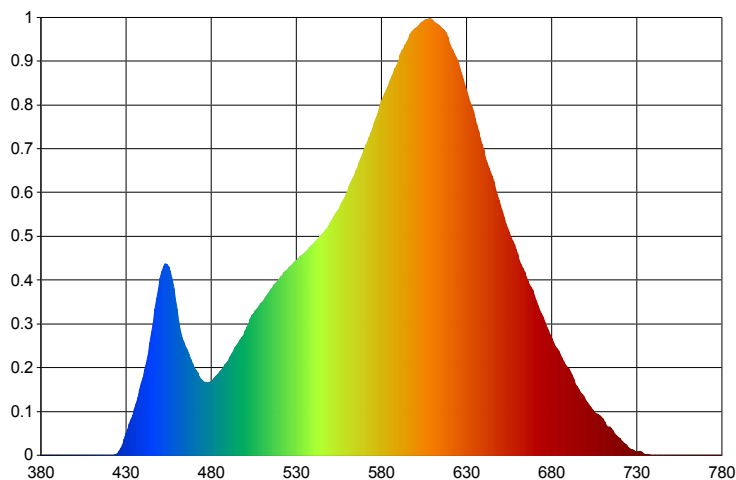
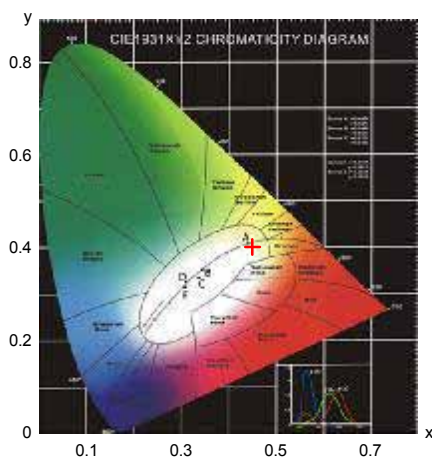
Electric Parameter

Voltage: $U=110.3\text{V}$ Current: $I=122\text{mA}$ Power: $P=12.99\text{W}$ PF: $PF=1$

Device State

Wavelength Range 380nm-780nm Wavelength Interval 1nm

CIE1931 Chroma Figure



Debug

Model EG-LED1227-01

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