

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4529$ $y=0.407$ $u=0.2596$ $v=0.3499$

Chroma Coordinate: $u'=0.2596$ $v'=0.5249$

CCT.: CCT=2771K Dominant: $\lambda_d=583.9\text{nm}$ Barycenter: $\lambda_b=593\text{nm}$ Peak Wavelength: $\lambda_p=609.7\text{nm}$

FWHM: $\Delta\lambda=113.9\text{nm}$ Purity: $P_e=58.15\%$ Red Ratio: $R=0.25$ Green Ratio: $G=0.726$ Blue Ratio: $B=0.024$

Color CRI.: $R_a=83.95$

R 1=83	R 2=92	R 3=95	R 4=82	R 5=83	R 6=92	R 7=81
R 8=59	R 9=11	R 10=84	R 11=83	R 12=77	R 13=85	R 14=98
R 15=75						

Luminosity Parameter

Luminous Flux(380-780nm): 1195.4lm Optical Power(380-780nm): 3.259W Efficient(380-780nm): 118lm/W

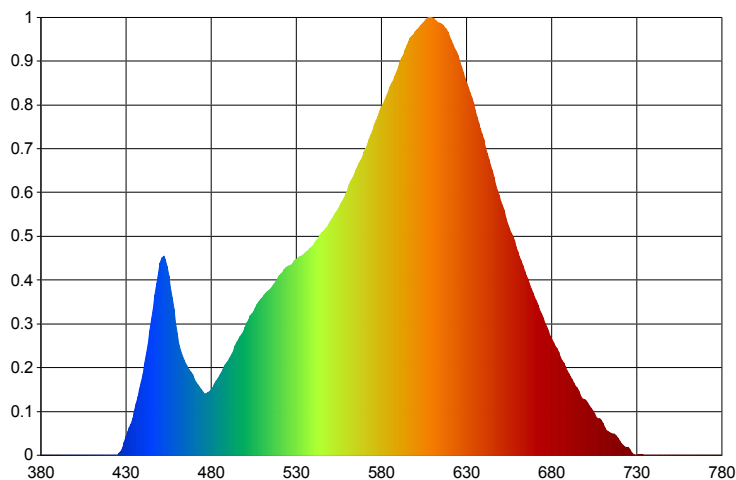
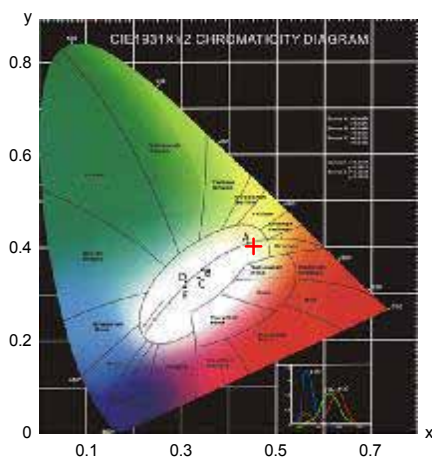
Electric Parameter

Voltage: $U=110.4\text{V}$ Current: $I=93\text{mA}$ Power: $P=10.13\text{W}$ PF: PF=1

Device State

Wavelength Range 380nm-780nm Wavelength Interval 1nm

CIE1931 Chroma Figure



Debug

Model EG-LED1027-01(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