

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4536$ $y=0.4086$ $u=0.2593$ $v=0.3504$

Chroma Coordinate: $u'=0.2593$ $v'=0.5257$

CCT.: CCT=2775K Dominant: $\lambda_d=584.1\text{nm}$ Barycenter: $\lambda_b=593\text{nm}$ Peak Wavelength: $\lambda_p=610.4\text{nm}$

FWHM: $\Delta\lambda=114.3\text{nm}$ Purity: $P_e=58.75\%$ Red Ratio: $R=0.249$ Green Ratio: $G=0.728$ Blue Ratio: $B=0.023$

Color CRI.: $R_a=83.72$

R 1=82	R 2=92	R 3=95	R 4=82	R 5=83	R 6=92	R 7=81
R 8=59	R 9=10	R10=83	R11=83	R12=76	R13=85	R14=98
R15=74						

Luminosity Parameter

Luminous Flux(380-780nm): 1108.9lm Optical Power(380-780nm): 3.011W Efficient(380-780nm): 121.9lm/W

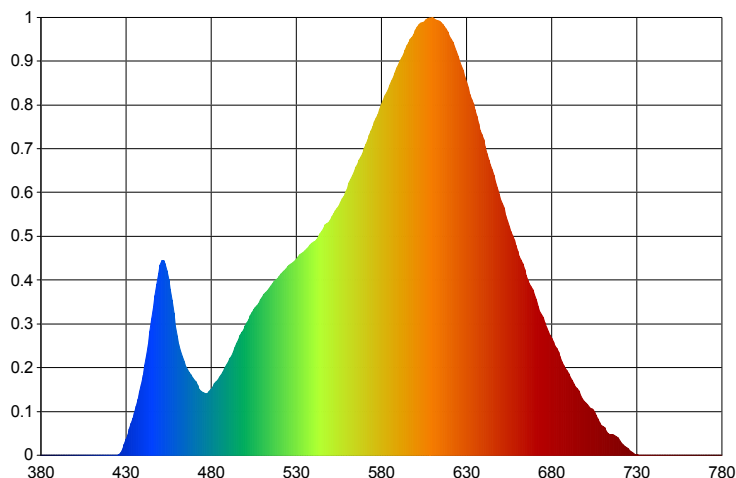
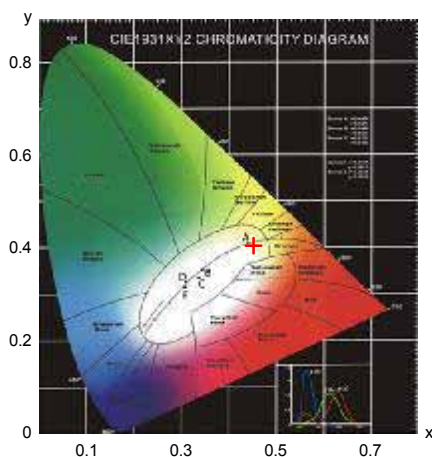
Electric Parameter

Voltage: $U=110.4\text{V}$ Current: $I=83\text{mA}$ Power: $P=9.099\text{W}$ PF: PF=1

Device State

Wavelength Range 380nm-780nm Wavelength Interval 1nm

CIE1931 Chroma Figure



Debug

Model EG-LED0827-01

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