

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4333$ $y=0.4049$ $u=0.2479$ $v=0.3474$ $Duv=0.0009$

Chroma Coordinate: $u'=0.2479$ $v'=0.5212$

CCT.: CCT=3069K Dominant: $d=581.8\text{nm}$ Barycenter: $b=589\text{nm}$ Peak Wavelength: $p=602.2\text{nm}$

FWHM: 136.4nm Purity: $Pe=51.65\%$ Red Ratio: $R=0.224$ Green Ratio: $G=0.75$ Blue Ratio: $B=0.025$

Color CRI: $Ra=83.45$

R 1=82	R 2=91	R 3=97	R 4=82	R 5=82	R 6=88	R 7=84
R 8=62	R 9=11	R 10=78	R 11=81	R 12=70	R 13=84	R 14=99
R 15=75						

Luminosity Parameter

Luminous Flux(380-780nm): 685.287lm Optical Power(380-780nm): 2.093W Efficient(380-780nm): 83.98lm/W

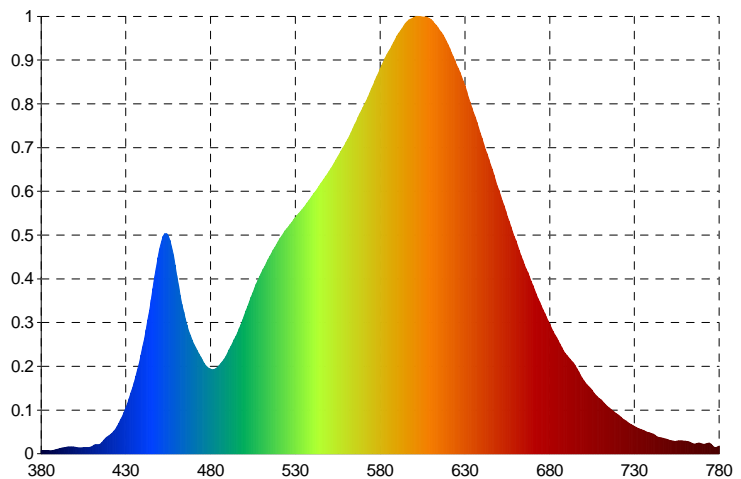
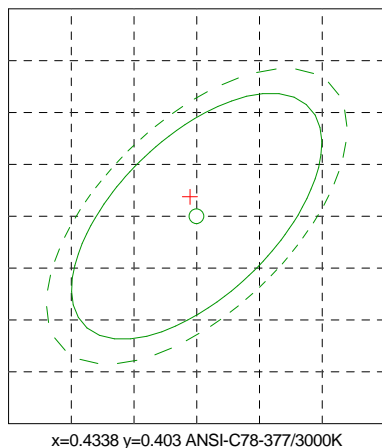
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=37\text{mA}$ Power: $P=8.16\text{W}$ PF: $PF=0.982$

Device State

Wavelength Range: $380\text{nm}-780\text{nm}$ Wavelength Interval: 1nm

SDCM: 1.218



Product Model: 217B-8w 3000k-8

Sample No.: 1

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

Test Date: 2024-5-20

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____