

## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3292$   $y=0.3393$   $u=0.2053$   $v=0.3175$   $Duv=0.0006$

Chroma Coordinate:  $u'=0.2053$   $v'=0.4762$

CCT.: CCT=5645K Dominant:  $d=512.4\text{nm}$  Barycenter:  $b=548\text{nm}$  Peak Wavelength:  $p=452.6\text{nm}$

FWHM:  $27.16\text{nm}$  Purity:  $Pe=1.34\%$  Red Ratio:  $R=0.146$  Green Ratio:  $G=0.807$  Blue Ratio:  $B=0.047$

Color CRI:  $Ra=82.61$

R 1=82	R 2=87	R 3=89	R 4=83	R 5=82	R 6=80	R 7=88
R 8=71	R 9=12	R 10=66	R 11=81	R 12=59	R 13=83	R 14=94
R 15=78						

### Luminosity Parameter

Luminous Flux(380-780nm):  $662.78\text{lm}$  Optical Power(380-780nm):  $2.12\text{W}$  Efficient(380-780nm):  $82.23\text{lm/W}$

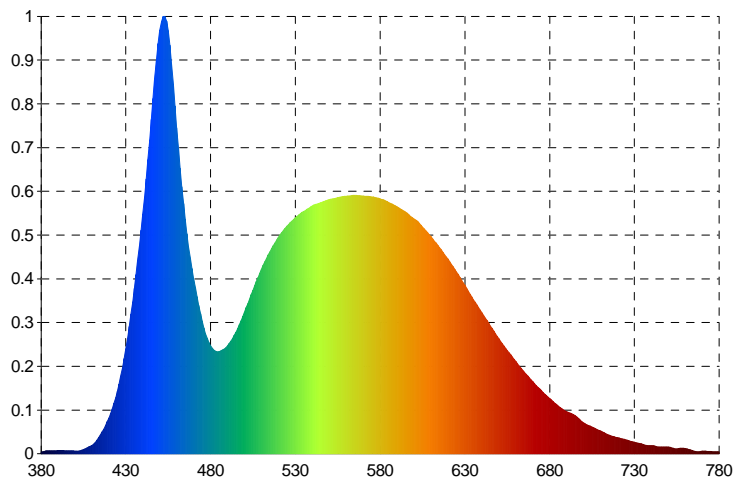
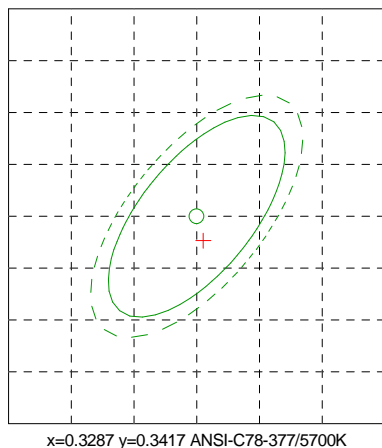
### Electric Parameter

Voltage:  $U=220.9\text{V}$  Current:  $I=37\text{mA}$  Power:  $P=8.06\text{W}$  PF:  $PF=0.98$

### Device State

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

SDCM: 1.921



Product Model: 217B-8W-6000K-2

Sample No.: 1

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

Test Date: 2024-5-22

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): \_\_\_\_\_