



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3747$   $y=0.3705$   $u=0.2238$   $v=0.332$   $Duv=0.0012$

Chroma Coordinate:  $u'=0.2238$   $v'=0.4979$

CCT.: CCT=4115K Dominant:  $d=578.8\text{nm}$  Barycenter:  $b=567\text{nm}$  Peak Wavelength:  $p=447.2\text{nm}$

FWHM:  $22.72\text{nm}$  Purity:  $Pe=23.65\%$  Red Ratio:  $R=0.179$  Green Ratio:  $G=0.788$  Blue Ratio:  $B=0.033$

Color CRI:  $Ra=82.05$

R 1=81 R 2=87 R 3=92 R 4=82 R 5=81 R 6=82 R 7=86

R 8=66 R 9=7 R 10=69 R 11=82 R 12=63 R 13=82 R 14=96

R 15=75

### Luminosity Parameter

Luminous Flux(380-780nm):  $1022.72\text{lm}$  Optical Power(380-780nm):  $3.12\text{W}$  Efficient(380-780nm):  $94.17\text{lm/W}$

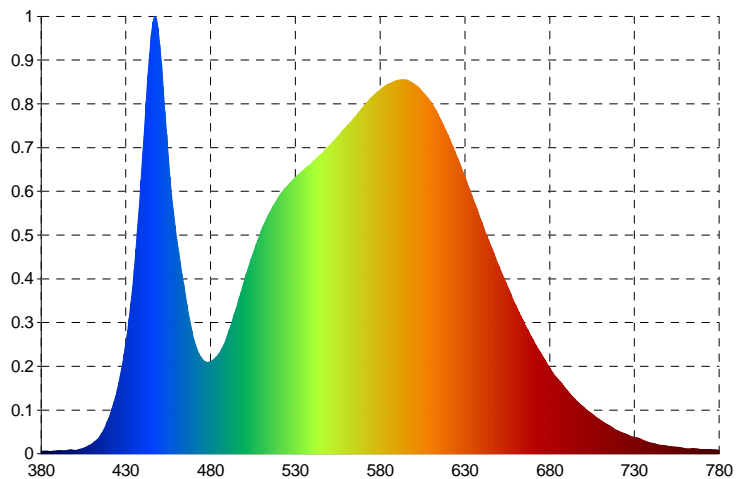
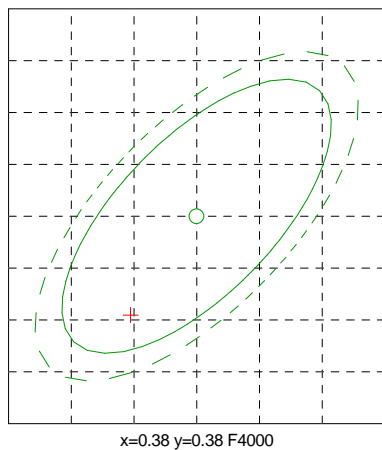
### Electric Parameter

Voltage:  $U=220.8\text{V}$  Current:  $I=49\text{mA}$  Power:  $P=10.86\text{W}$  PF:  $PF=0.987$

### Device State

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

SDCM: 3.601



Product Model: 217B-11W-4000K-2

Sample No.: 1

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

Test Date: 2024-5-21

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

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