



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.4216$   $y=0.3989$   $u=0.2428$   $v=0.3447$   $Duv=0.0004$

Chroma Coordinate:  $u'=0.2428$   $v'=0.517$

CCT.: CCT=3234K Dominant:  $d=582.2\text{nm}$  Barycenter:  $b=583\text{nm}$  Peak Wavelength:  $p=601.5\text{nm}$

FWHM:  $138.7\text{nm}$  Purity:  $Pe=46.2\%$  Red Ratio:  $R=0.214$  Green Ratio:  $G=0.761$  Blue Ratio:  $B=0.025$

Color CRI:  $Ra=82.47$

R 1=81 R 2=89 R 3=96 R 4=83 R 5=81 R 6=86 R 7=84

R 8=60 R 9=3 R 10=74 R 11=83 R 12=71 R 13=82 R 14=98

R 15=73

### Luminosity Parameter

Luminous Flux(380-780nm):  $2671.28\text{lm}$  Optical Power(380-780nm):  $7.95\text{W}$  Efficient(380-780nm):  $92.11\text{lm/W}$

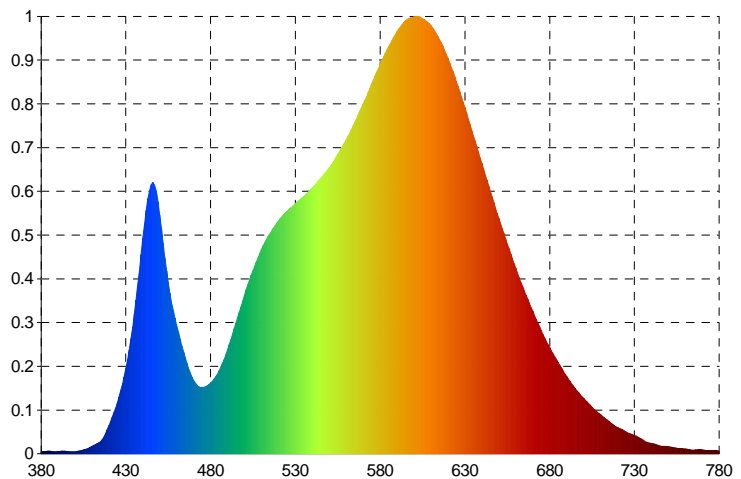
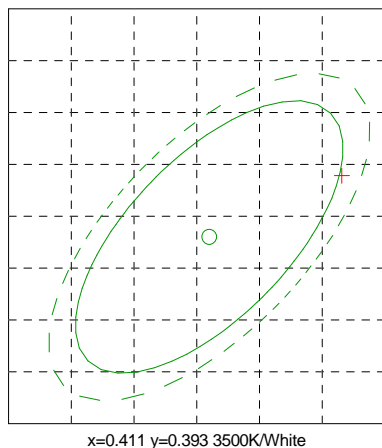
### Electric Parameter

Voltage:  $U=221.2\text{V}$  Current:  $I=136\text{mA}$  Power:  $P=29\text{W}$  PF:  $PF=0.962$

### Device State

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

SDCM: 5.108



Product Model: 217B-30W-3000K-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): \_\_\_\_\_