



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.4255$   $y=0.4035$   $u=0.2434$   $v=0.3463$   $Duv=0.0016$

Chroma Coordinate:  $u'=0.2434$   $v'=0.5194$

CCT.: CCT=3198K Dominant:  $d=580.8\text{nm}$  Barycenter:  $b=584\text{nm}$  Peak Wavelength:  $p=601.2\text{nm}$

FWHM:  $137.4\text{nm}$  Purity:  $Pe=48.93\%$  Red Ratio:  $R=0.215$  Green Ratio:  $G=0.76$  Blue Ratio:  $B=0.025$

Color CRI:  $Ra=82.36$

R 1=80 R 2=89 R 3=97 R 4=82 R 5=81 R 6=87 R 7=84

R 8=59 R 9=1 R10=75 R11=82 R12=70 R13=82 R14=99

R15=72

### Luminosity Parameter

Luminous Flux(380-780nm):  $2575.69\text{lm}$  Optical Power(380-780nm):  $7.608\text{W}$  Efficient(380-780nm):  $92.82\text{lm/W}$

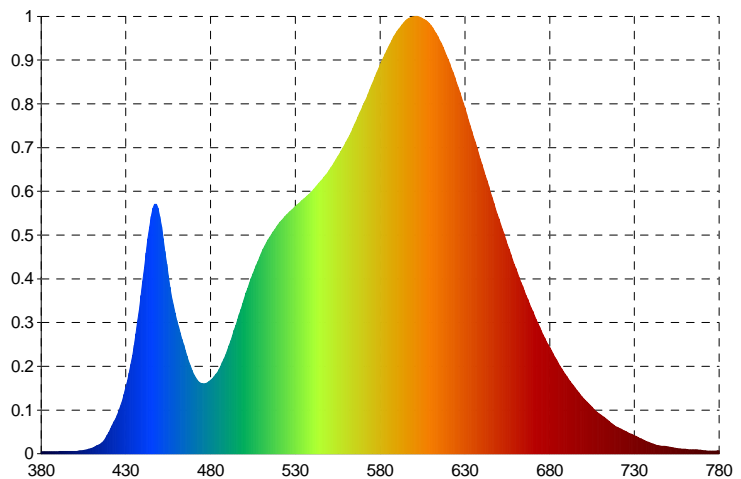
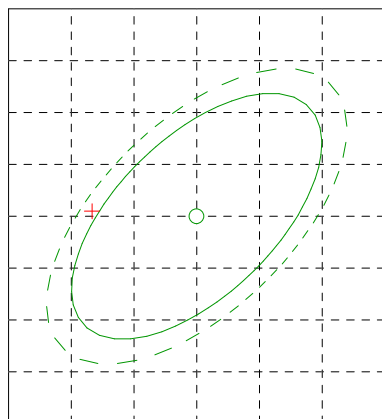
### Electric Parameter

Voltage:  $U=220.8\text{V}$  Current:  $I=130\text{mA}$  Power:  $P=27.75\text{W}$  PF:  $PF=0.96$

### Device State

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

SDCM: 5.367



Product Model: 217B-30W-3000K-5

Sample No.: 1

Test Cond:  $T_g=24.2\text{Cels}$   $T_a=24.6\text{Cels}$   $RH=60\%$

Test Date: 2024-5-21

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

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