



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.4299$   $y=0.4021$   $u=0.2468$   $v=0.3464$   $Duv=0.0003$

Chroma Coordinate:  $u'=0.2468$   $v'=0.5196$

CCT.: CCT=3107K Dominant:  $d=581.8\text{nm}$  Barycenter:  $b=588\text{nm}$  Peak Wavelength:  $p=602.7\text{nm}$

FWHM: 137nm Purity:  $Pe=49.82\%$  Red Ratio:  $R=0.223$  Green Ratio:  $G=0.751$  Blue Ratio:  $B=0.026$

Color CRI:  $Ra=83.8$

R 1=82 R 2=91 R 3=97 R 4=82 R 5=82 R 6=89 R 7=84

R 8=62 R 9=12 R 10=78 R 11=81 R 12=70 R 13=84 R 14=99

R 15=75

### Luminosity Parameter

Luminous Flux(380-780nm): 711.525lm Optical Power(380-780nm): 2.168W Efficient(380-780nm): 87.73lm/W

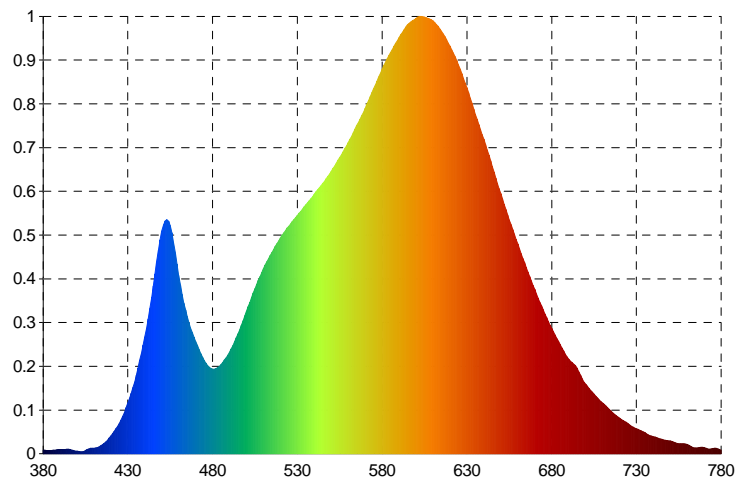
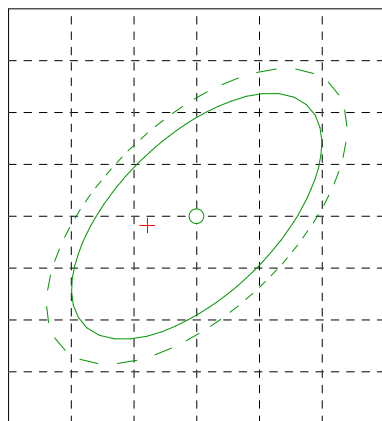
### Electric Parameter

Voltage:  $U=221.2\text{V}$  Current:  $I=37\text{mA}$  Power:  $P=8.11\text{W}$  PF:  $PF=0.981$

### Device State

Wavelength Range: 380nm-780nm Wavelength Interval: 1nm

SDCM: 2.211



Product Model: 308C-8W-3000K-7

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): \_\_\_\_\_