



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3781$   $y=0.3793$   $u=0.2226$   $v=0.3349$   $Duv=0.0020$

Chroma Coordinate:  $u'=0.2226$   $v'=0.5023$

CCT.: CCT=4082K Dominant:  $d=578.2\text{nm}$  Barycenter:  $b=569\text{nm}$  Peak Wavelength:  $p=453.6\text{nm}$

FWHM:  $27.07\text{nm}$  Purity:  $Pe=27.29\%$  Red Ratio:  $R=0.179$  Green Ratio:  $G=0.783$  Blue Ratio:  $B=0.038$

Color CRI:  $Ra=83.42$

|         |        |         |         |         |         |         |
|---------|--------|---------|---------|---------|---------|---------|
| R 1=82  | R 2=90 | R 3=96  | R 4=81  | R 5=81  | R 6=86  | R 7=87  |
| R 8=65  | R 9=9  | R 10=75 | R 11=80 | R 12=61 | R 13=84 | R 14=98 |
| R 15=76 |        |         |         |         |         |         |

### Luminosity Parameter

Luminous Flux(380-780nm):  $659.268\text{lm}$  Optical Power(380-780nm):  $2.015\text{W}$  Efficient(380-780nm):  $97.81\text{lm/W}$

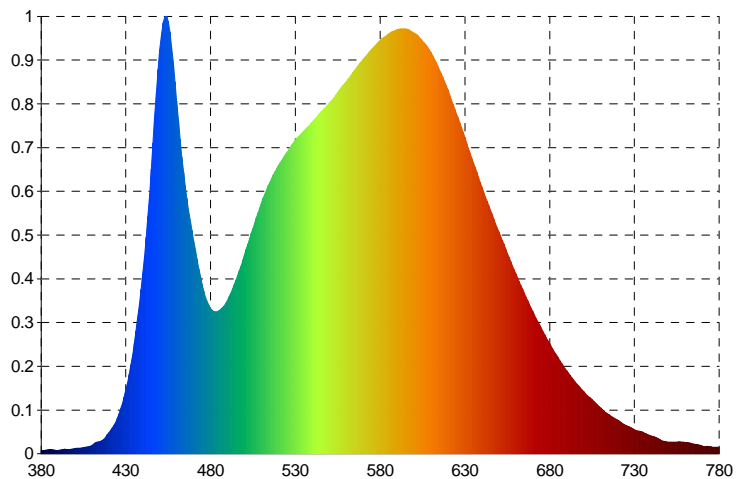
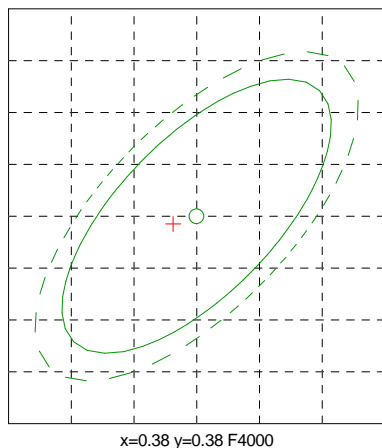
### Electric Parameter

Voltage:  $U=221.3\text{V}$  Current:  $I=32\text{mA}$  Power:  $P=6.74\text{W}$  PF:  $PF=0.95$

### Device State

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

SDCM: 0.969



Product Model: 325-7w 4000k-1

Sample No.: 1

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

Test Date: 2024-5-20

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

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