



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.4336$   $y=0.4039$   $u=0.2485$   $v=0.3472$   $Duv=0.0004$

Chroma Coordinate:  $u'=0.2485$   $v'=0.5208$

CCT.: CCT=3055K Dominant:  $d=581.8\text{nm}$  Barycenter:  $b=589\text{nm}$  Peak Wavelength:  $p=602.8\text{nm}$

FWHM: 134nm Purity:  $Pe=51.53\%$  Red Ratio:  $R=0.226$  Green Ratio:  $G=0.749$  Blue Ratio:  $B=0.025$

Color CRI:  $Ra=83.43$

R 1=82	R 2=91	R 3=97	R 4=82	R 5=82	R 6=89	R 7=84
R 8=61	R 9=10	R 10=78	R 11=81	R 12=71	R 13=84	R 14=99
R 15=75						

### Luminosity Parameter

Luminous Flux(380-780nm): 713.768lm Optical Power(380-780nm): 2.175W Efficient(380-780nm): 86.2lm/W

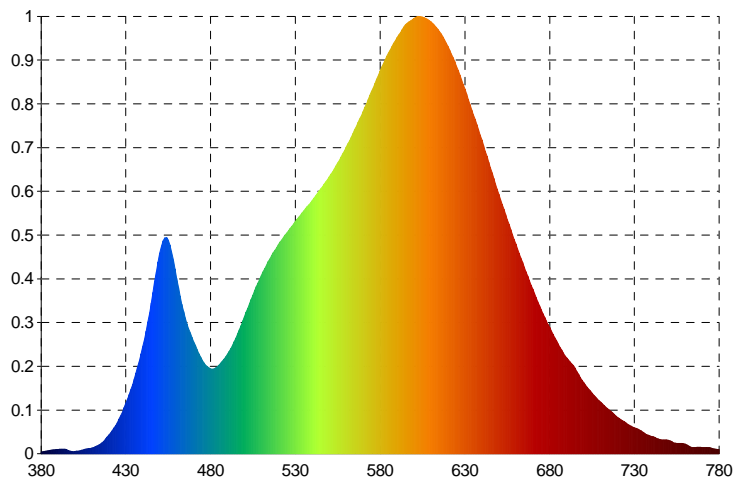
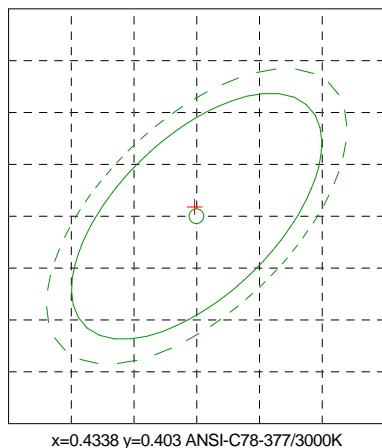
### Electric Parameter

Voltage:  $U=221.4\text{V}$  Current:  $I=38\text{mA}$  Power:  $P=8.28\text{W}$  PF:  $PF=0.982$

### Device State

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

SDCM: 0.544



Product Model: 308C-8W-3000K-1

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