

## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.4308$   $y=0.4046$   $u=0.2464$   $v=0.3471$   $Duv=0.0012$

Chroma Coordinate:  $u'=0.2464$   $v'=0.5207$

CCT.: CCT=3110K Dominant:  $d=582\text{nm}$  Barycenter:  $b=588\text{nm}$  Peak Wavelength:  $p=601.6\text{nm}$

FWHM: 138nm Purity:  $Pe=50.75\%$  Red Ratio:  $R=0.222$  Green Ratio:  $G=0.752$  Blue Ratio:  $B=0.026$

Color CRI.:  $Ra=83.75$

R 1=82	R 2=91	R 3=98	R 4=82	R 5=82	R 6=88	R 7=85
R 8=62	R 9=12	R10=78	R11=81	R12=69	R13=84	R14=99
R15=75						

### Luminosity Parameter

Luminous Flux(380-780nm): 644.28lm Optical Power(380-780nm): 1.967W Efficient(380-780nm): 79.54lm/W

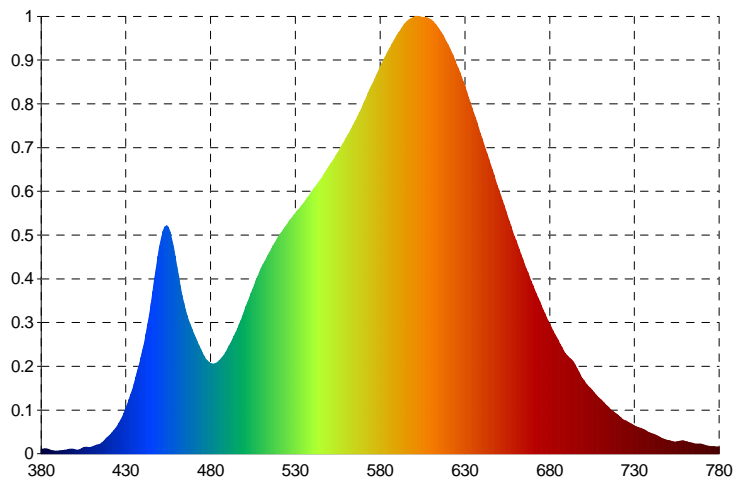
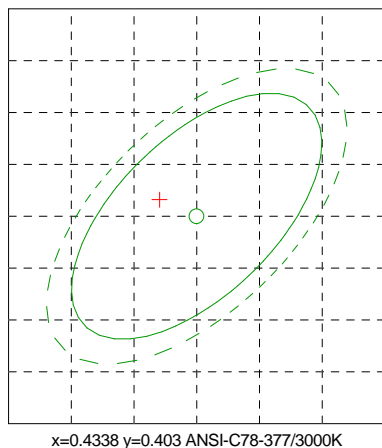
### Electric Parameter

Voltage:  $U=221\text{V}$  Current:  $I=37\text{mA}$  Power:  $P=8.1\text{W}$  PF:  $PF=0.981$

### Device State

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

SDCM: 2.446



Product Model: 217B-8w 3000k-2

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