



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3147$   $y=0.3291$   $u=0.1992$   $v=0.3124$   $Duv=0.0023$

Chroma Coordinate:  $u'=0.1992$   $v'=0.4687$

CCT.: CCT=6396K Dominant:  $d=488.7\text{nm}$  Barycenter:  $b=540\text{nm}$  Peak Wavelength:  $p=449.3\text{nm}$

FWHM:  $24.15\text{nm}$  Purity:  $Pe=6.598\%$  Red Ratio:  $R=0.134$  Green Ratio:  $G=0.815$  Blue Ratio:  $B=0.051$

Color CRI.:  $Ra=81.93$

R 1=81	R 2=86	R 3=88	R 4=83	R 5=81	R 6=80	R 7=87
R 8=70	R 9=4	R 10=64	R 11=82	R 12=58	R 13=82	R 14=94
R 15=76						

### Luminosity Parameter

Luminous Flux(380-780nm):  $1740.78\text{lm}$  Optical Power(380-780nm):  $5.575\text{W}$  Efficient(380-780nm):  $83.73\text{lm/W}$

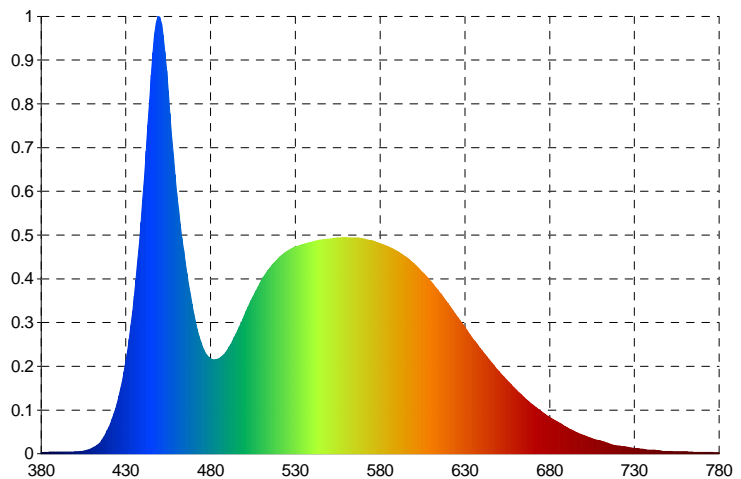
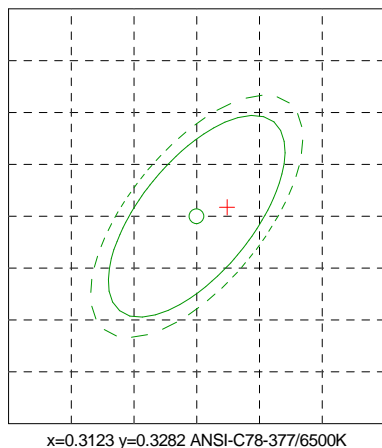
### Electric Parameter

Voltage:  $U=220.9\text{V}$  Current:  $I=97\text{mA}$  Power:  $P=20.79\text{W}$  PF:  $PF=0.963$

### Device State

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

SDCM: 1.919



Product Model: 217B-20w 6000k-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): \_\_\_\_\_