



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3719$   $y=0.3706$   $u=0.2219$   $v=0.3317$   $Duv=0.0002$

Chroma Coordinate:  $u'=0.2219$   $v'=0.4976$

CCT.: CCT=4198K Dominant:  $d=577.8\text{nm}$  Barycenter:  $b=566\text{nm}$  Peak Wavelength:  $p=447.6\text{nm}$

FWHM: 23.82nm Purity:  $Pe=22.82\%$  Red Ratio:  $R=0.175$  Green Ratio:  $G=0.791$  Blue Ratio:  $B=0.034$

Color CRI:  $Ra=81.41$

R 1=80	R 2=86	R 3=92	R 4=82	R 5=80	R 6=81	R 7=86
R 8=65	R 9=3	R 10=67	R 11=80	R 12=61	R 13=81	R 14=96
R 15=74						

### Luminosity Parameter

Luminous Flux(380-780nm): 3228.37lm Optical Power(380-780nm): 9.794W Efficient(380-780nm): 83.7lm/W

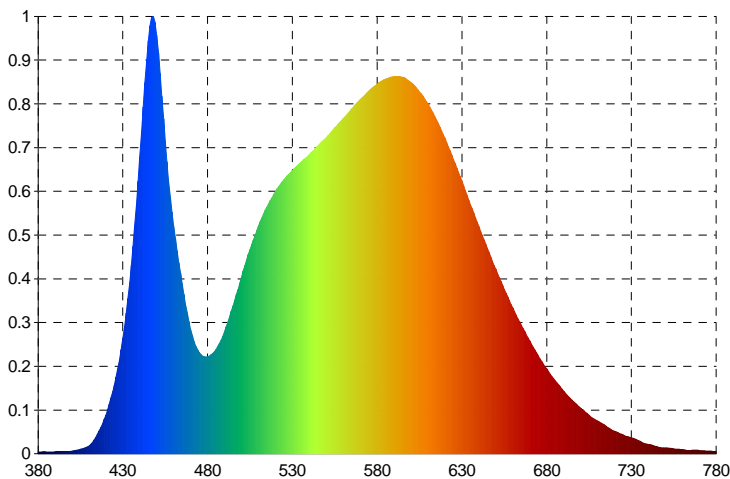
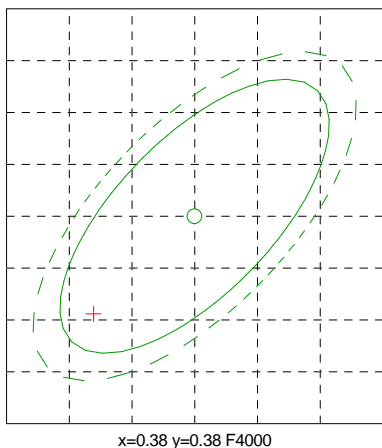
### Electric Parameter

Voltage:  $U=221.2\text{V}$  Current:  $I=180\text{mA}$  Power:  $P=38.57\text{W}$  PF:  $PF=0.965$

### Device State

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

SDCM: 4.012



Product Model: 217B-40w 4000k-3

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