

## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.434$   $y=0.4053$   $u=0.2482$   $v=0.3476$   $Duv=0.0010$

Chroma Coordinate:  $u'=0.2482$   $v'=0.5214$

CCT.: CCT=3060K Dominant:  $d=581.8\text{nm}$  Barycenter:  $b=589\text{nm}$  Peak Wavelength:  $p=602.7\text{nm}$

FWHM:  $136.4\text{nm}$  Purity:  $Pe=51.99\%$  Red Ratio:  $R=0.225$  Green Ratio:  $G=0.751$  Blue Ratio:  $B=0.024$

Color CRI:  $Ra=83.09$

R 1=81 R 2=90 R 3=97 R 4=82 R 5=81 R 6=87 R 7=84

R 8=62 R 9=10 R 10=76 R 11=81 R 12=69 R 13=83 R 14=99

R 15=74

### Luminosity Parameter

Luminous Flux(380-780nm):  $679.38\text{lm}$  Optical Power(380-780nm):  $2.069\text{W}$  Efficient(380-780nm):  $86.11\text{lm/W}$

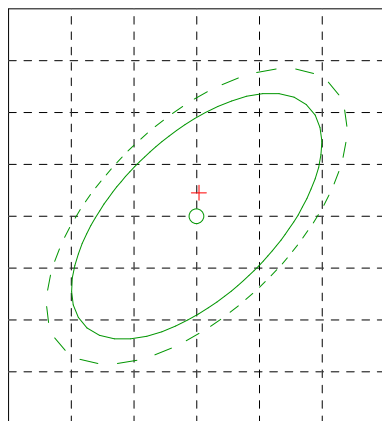
### Electric Parameter

Voltage:  $U=220.8\text{V}$  Current:  $I=36\text{mA}$  Power:  $P=7.89\text{W}$  PF:  $PF=0.98$

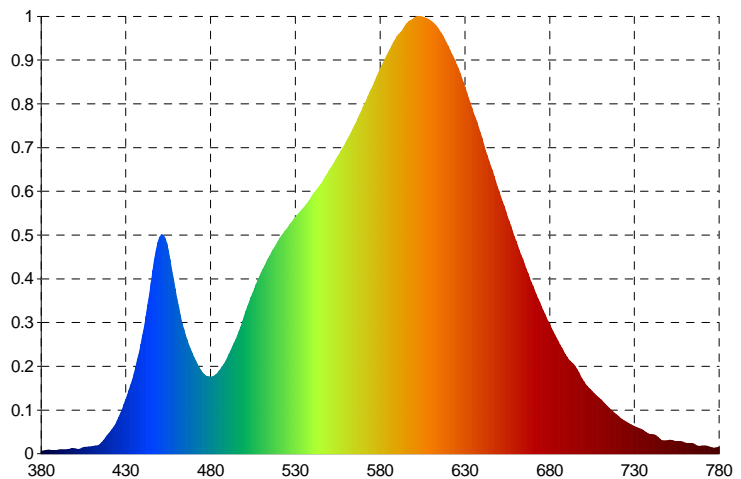
### Device State

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

SDCM: 1.129



$x=0.4338$   $y=0.403$  ANSI-C78-377/3000K



Product Model: 217B-8w 3000k-9

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