



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.4337$   $y=0.3993$   $u=0.2505$   $v=0.346$   $Duv=0.0014$

Chroma Coordinate:  $u'=0.2505$   $v'=0.519$

CCT.: CCT=3016K Dominant:  $d=582.8\text{nm}$  Barycenter:  $b=587\text{nm}$  Peak Wavelength:  $p=601.3\text{nm}$

FWHM:  $120.8\text{nm}$  Purity:  $Pe=50.11\%$  Red Ratio:  $R=0.225$  Green Ratio:  $G=0.749$  Blue Ratio:  $B=0.025$

Color CRI.:  $Ra=80.89$

R 1=79 R 2=90 R 3=96 R 4=79 R 5=79 R 6=88 R 7=80

R 8=55 R 9=-2 R10=77 R11=77 R12=71 R13=82 R14=99

R15=71

### Luminosity Parameter

Luminous Flux(380-780nm):  $1685.76\text{lm}$  Optical Power(380-780nm):  $5.029\text{W}$  Efficient(380-780nm):  $79.74\text{lm/W}$

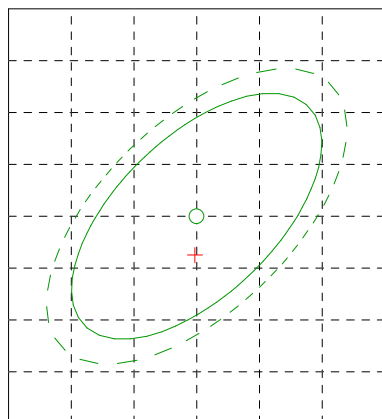
### Electric Parameter

Voltage:  $U=220.9\text{V}$  Current:  $I=99\text{mA}$  Power:  $P=21.14\text{W}$  PF:  $PF=0.967$

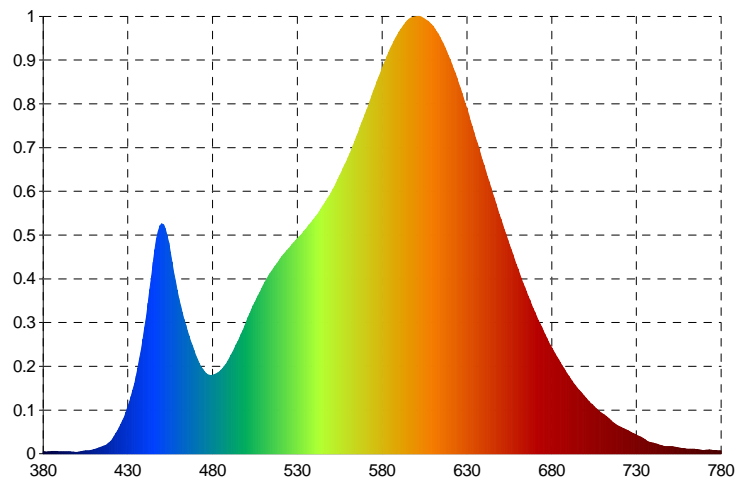
### Device State

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

SDCM: 1.906



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



Product Model: 217B-20w 3000k-4

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