



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3741$   $y=0.3756$   $u=0.2214$   $v=0.3334$   $Duv=0.0014$

Chroma Coordinate:  $u'=0.2214$   $v'=0.5001$

CCT.: CCT=4169K Dominant:  $d=578.2\text{nm}$  Barycenter:  $b=567\text{nm}$  Peak Wavelength:  $p=454\text{nm}$

FWHM:  $29.47\text{nm}$  Purity:  $Pe=24.99\%$  Red Ratio:  $R=0.177$  Green Ratio:  $G=0.785$  Blue Ratio:  $B=0.038$

Color CRI:  $Ra=83.36$

R 1=82	R 2=89	R 3=95	R 4=82	R 5=81	R 6=85	R 7=87
R 8=66	R 9=11	R 10=73	R 11=80	R 12=62	R 13=84	R 14=97
R 15=76						

### Luminosity Parameter

Luminous Flux(380-780nm):  $5254.23\text{lm}$  Optical Power(380-780nm):  $16.07\text{W}$  Efficient(380-780nm):  $88.08\text{lm/W}$

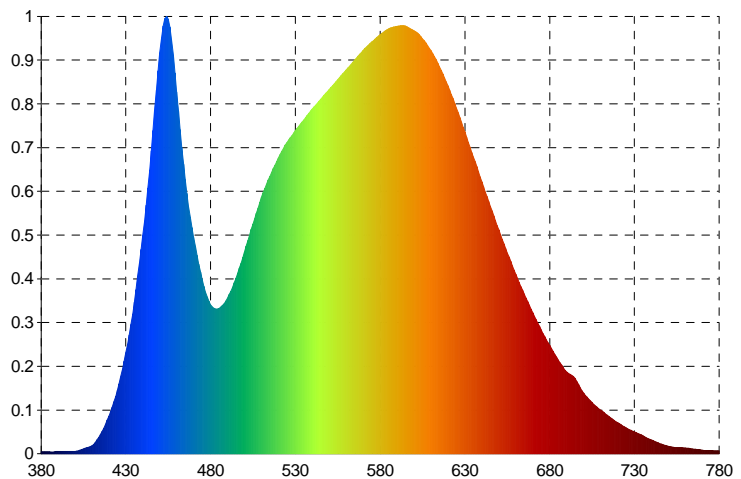
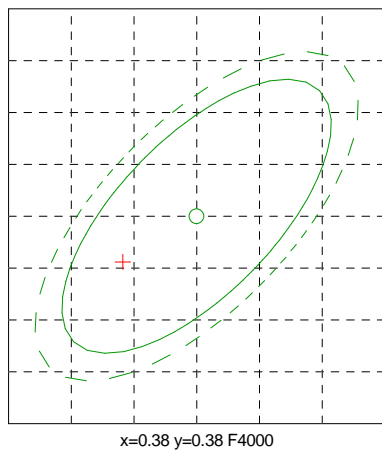
### Electric Parameter

Voltage:  $U=220.7\text{V}$  Current:  $I=272\text{mA}$  Power:  $P=59.65\text{W}$  PF:  $PF=0.993$

### Device State

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

SDCM: 2.754



Product Model: 234-60w 4000k 2

Sample No.: 1

Test Cond:  $Tg=24.2\text{Cels}$   $Ta=24.6\text{Cels}$   $RH=60\%$

Test Date: 2024-7-15

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): \_\_\_\_\_