



## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.4343$   $y=0.4092$   $u=0.2467$   $v=0.3486$   $Duv=0.0024$

Chroma Coordinate:  $u'=0.2467$   $v'=0.523$

CCT.: CCT=3087K Dominant:  $d=582.2\text{nm}$  Barycenter:  $b=588\text{nm}$  Peak Wavelength:  $p=602.3\text{nm}$

FWHM:  $134.9\text{nm}$  Purity:  $Pe=53.06\%$  Red Ratio:  $R=0.222$  Green Ratio:  $G=0.753$  Blue Ratio:  $B=0.026$

Color CRI:  $Ra=82.86$

R 1=81 R 2=90 R 3=98 R 4=81 R 5=81 R 6=88 R 7=84

R 8=60 R 9=6 R 10=77 R 11=80 R 12=69 R 13=83 R 14=99

R 15=73

### Luminosity Parameter

Luminous Flux(380-780nm):  $5239.84\text{lm}$  Optical Power(380-780nm):  $15.7\text{W}$  Efficient(380-780nm):  $87.51\text{lm/W}$

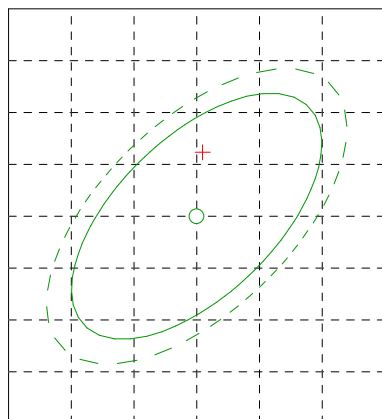
### Electric Parameter

Voltage:  $U=220.9\text{V}$  Current:  $I=273\text{mA}$  Power:  $P=59.88\text{W}$  PF:  $PF=0.993$

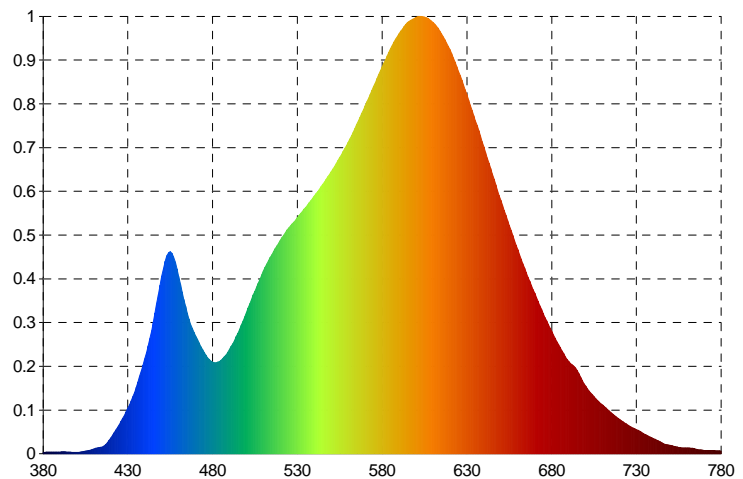
### Device State

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

SDCM: 3.068



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



Product Model: 234-60w 3000k 1

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