

## Lighting Measure Report

### Color Parameter

Chroma Coordinate:  $x=0.3236$   $y=0.3374$   $u=0.2022$   $v=0.3162$   $Duv=0.0023$

Chroma Coordinate:  $u'=0.2022$   $v'=0.4744$

CCT.: CCT=5912K Dominant:  $d=497.1\text{nm}$  Barycenter:  $b=545\text{nm}$  Peak Wavelength:  $p=453.6\text{nm}$

FWHM:  $26.98\text{nm}$  Purity:  $Pe=3.093\%$  Red Ratio:  $R=0.143$  Green Ratio:  $G=0.804$  Blue Ratio:  $B=0.053$

Color CRI.:  $Ra=84.22$

R 1=83

R 2=89

R 3=91

R 4=84

R 5=83

R 6=83

R 7=89

R 8=72

R 9=15

R10=71

R11=82

R12=61

R13=85

R14=96

R15=79

### Luminosity Parameter

Luminous Flux(380-780nm):  $5303.67\text{lm}$  Optical Power(380-780nm):  $17.05\text{W}$  Efficient(380-780nm):  $93.46\text{lm/W}$

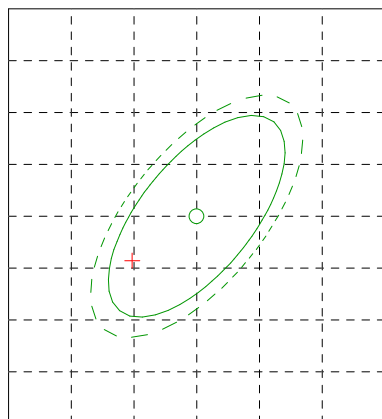
### Electric Parameter

Voltage:  $U=221.2\text{V}$  Current:  $I=258\text{mA}$  Power:  $P=56.75\text{W}$  PF:  $PF=0.991$

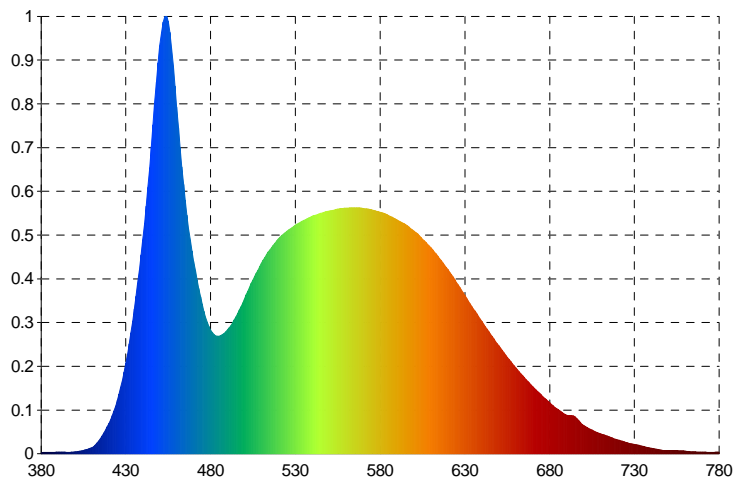
### Device State

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

SDCM: 3.657



$x=0.3287$   $y=0.3417$  ANSI-C78-377/5700K



Product Model: 234-60W-6000K-1

Sample No.: 1

Test Cond:  $T_g=24.2\text{Cels}$   $T_a=24.6\text{Cels}$   $RH=60\%$

Test Date: 2024-5-22

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

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