



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4353$ $y=0.4081$ $u=0.2478$ $v=0.3485$ $Duv=0.0019$

Chroma Coordinate: $u'=0.2478$ $v'=0.5227$

CCT.: CCT=3060K Dominant: $d=582.1\text{nm}$ Barycenter: $b=589\text{nm}$ Peak Wavelength: $p=602.1\text{nm}$

FWHM: 136nm Purity: $Pe=53.14\%$ Red Ratio: $R=0.224$ Green Ratio: $G=0.752$ Blue Ratio: $B=0.025$

Color CRI.: $Ra=83.02$

| | | | | | | |
|---------|--------|---------|---------|---------|---------|---------|
| R 1=81 | R 2=90 | R 3=98 | R 4=81 | R 5=81 | R 6=87 | R 7=84 |
| R 8=61 | R 9=9 | R 10=76 | R 11=80 | R 12=68 | R 13=83 | R 14=99 |
| R 15=74 | | | | | | |

Luminosity Parameter

Luminous Flux(380-780nm): 672.554lm Optical Power(380-780nm): 2.039W Efficient(380-780nm): 82.42lm/W

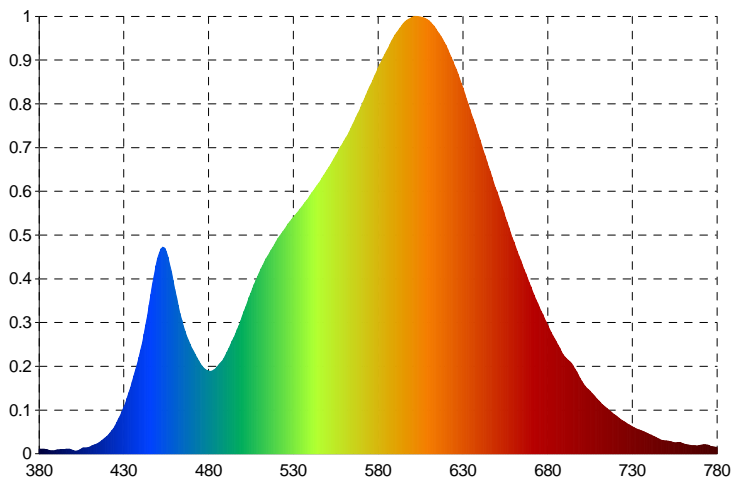
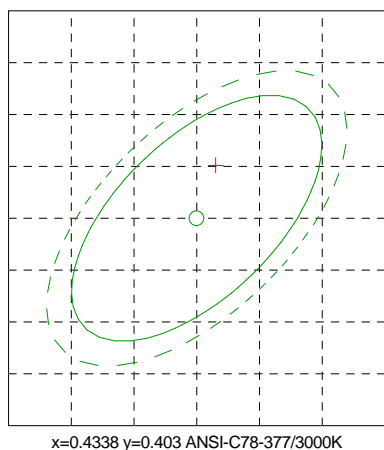
Electric Parameter

Voltage: $U=220.8\text{V}$ Current: $I=37\text{mA}$ Power: $P=8.16\text{W}$ PF: $PF=0.981$

Device State

Wavelength Range: 380nm-780nm Wavelength Interval: 1nm

SDCM: 2.246



Product Model: 217B-8w 3000k-10

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): _____