



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3722$ $y=0.3708$ $u=0.2221$ $v=0.3318$ $Duv=0.0002$

Chroma Coordinate: $u'=0.2221$ $v'=0.4977$

CCT.: CCT=4191K Dominant: $d=579.2\text{nm}$ Barycenter: $b=566\text{nm}$ Peak Wavelength: $p=447.7\text{nm}$

FWHM: 23.81nm Purity: $Pe=22.97\%$ Red Ratio: $R=0.175$ Green Ratio: $G=0.791$ Blue Ratio: $B=0.034$

Color CRI: $Ra=81.4$

| | | | | | | |
|---------|--------|---------|---------|---------|---------|---------|
| R 1=80 | R 2=86 | R 3=92 | R 4=82 | R 5=80 | R 6=81 | R 7=86 |
| R 8=65 | R 9=3 | R 10=67 | R 11=80 | R 12=61 | R 13=81 | R 14=96 |
| R 15=74 | | | | | | |

Luminosity Parameter

Luminous Flux(380-780nm): 3224.31lm Optical Power(380-780nm): 9.782W Efficient(380-780nm): 83.9lm/W

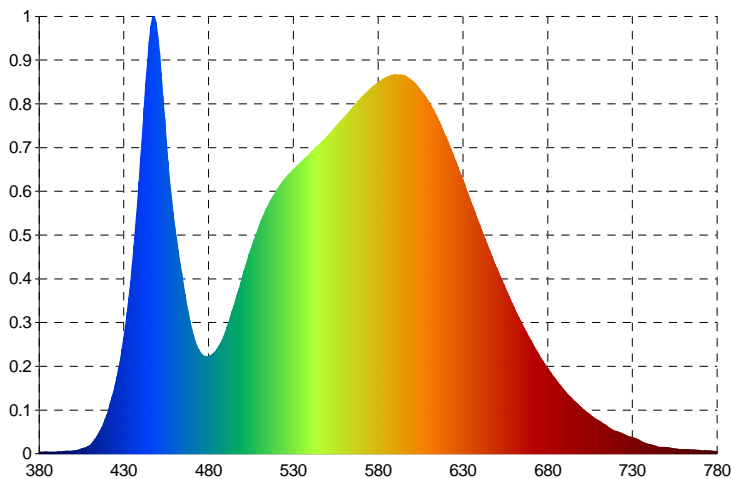
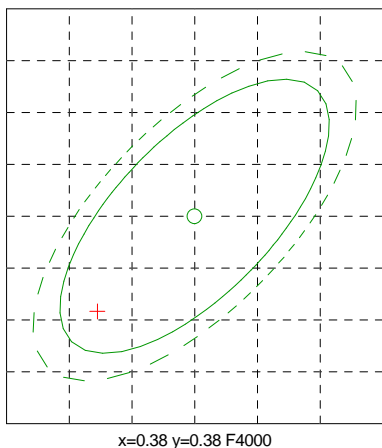
Electric Parameter

Voltage: $U=221\text{V}$ Current: $I=180\text{mA}$ Power: $P=38.43\text{W}$ PF: $PF=0.966$

Device State

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

SDCM: 3.882



Product Model: 217B-40w 4000k-5

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): _____