



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3239$ $y=0.3345$ $u=0.2035$ $v=0.3153$ $Duv=0.0006$

Chroma Coordinate: $u'=0.2035$ $v'=0.4729$

CCT.: CCT=5902K Dominant: $d=493.3\text{nm}$ Barycenter: $b=546\text{nm}$ Peak Wavelength: $p=451.8\text{nm}$

FWHM: 24.98nm Purity: $Pe=3.129\%$ Red Ratio: $R=0.142$ Green Ratio: $G=0.81$ Blue Ratio: $B=0.048$

Color CRI: $Ra=82.31$

R 1=81 R 2=86 R 3=88 R 4=83 R 5=82 R 6=80 R 7=88

R 8=71 R 9=11 R 10=65 R 11=81 R 12=58 R 13=83 R 14=93

R 15=78

Luminosity Parameter

Luminous Flux(380-780nm): 685.646lm Optical Power(380-780nm): 2.206W Efficient(380-780nm): 94.57lm/W

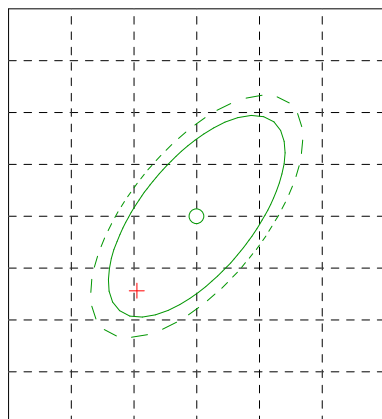
Electric Parameter

Voltage: $U=220.7\text{V}$ Current: $I=62\text{mA}$ Power: $P=7.25\text{W}$ PF: $PF=0.524$

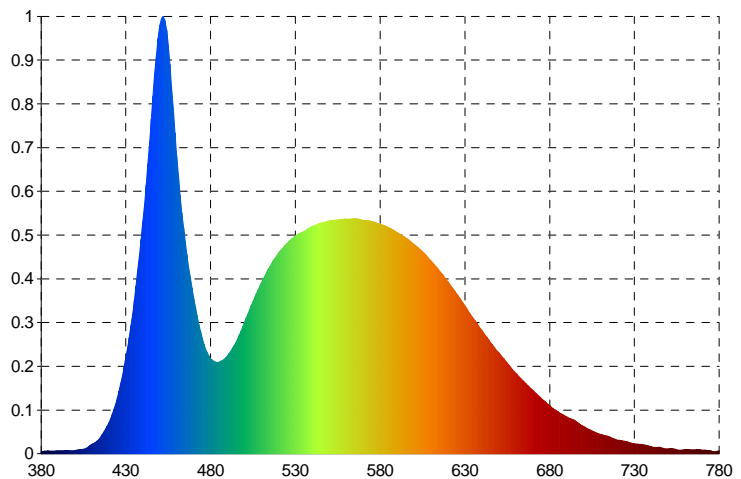
Device State

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

SDCM: 3.92



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



Product Model: 217B-8W 6000k 1

Sample No.: 1

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

Test Date: 2024-7-13

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____