

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3249$ $y=0.3358$ $u=0.2037$ $v=0.3158$ $Duv=0.0008$

Chroma Coordinate: $u'=0.2037$ $v'=0.4737$

CCT.: CCT=5853K Dominant: $d=495.5\text{nm}$ Barycenter: $b=546\text{nm}$ Peak Wavelength: $p=452.7\text{nm}$

FWHM: 26.28nm Purity: $Pe=2.669\%$ Red Ratio: $R=0.143$ Green Ratio: $G=0.809$ Blue Ratio: $B=0.048$

Color CRI: $Ra=82.39$

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 R10=65 R11=81 R12=58 R13=83 R14=94

R15=78

Luminosity Parameter

Luminous Flux(380-780nm): 723.808lm Optical Power(380-780nm): 2.32W Efficient(380-780nm): 90.82lm/W

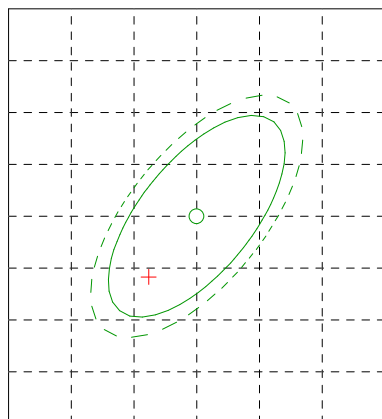
Electric Parameter

Voltage: $U=221.3\text{V}$ Current: $I=36\text{mA}$ Power: $P=7.97\text{W}$ PF: $PF=0.98$

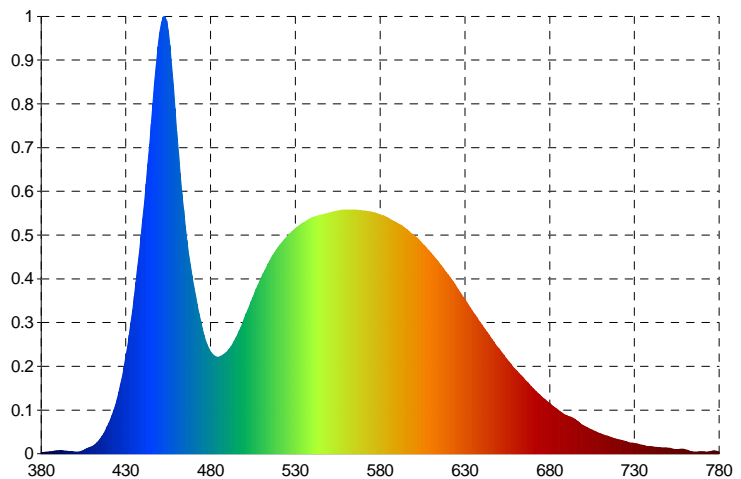
Device State

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

SDCM: 3.177



$x=0.3287$ $y=0.3417$ 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: 2024-5-22

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____