

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3254$ $y=0.3363$ $u=0.2038$ $v=0.316$ $Duv=0.0009$

Chroma Coordinate: $u'=0.2038$ $v'=0.4741$

CCT.: CCT=5829K Dominant: $d=496.6\text{nm}$ Barycenter: $b=546\text{nm}$ Peak Wavelength: $p=452.6\text{nm}$

FWHM: 27.26nm Purity: $Pe=2.488\%$ Red Ratio: $R=0.143$ Green Ratio: $G=0.809$ Blue Ratio: $B=0.048$

Color CRI: $Ra=82.34$

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

R 8=71 R 9=11 R 10=65 R 11=81 R 12=58 R 13=82 R 14=94

R 15=78

Luminosity Parameter

Luminous Flux(380-780nm): 709.199lm Optical Power(380-780nm): 2.277W Efficient(380-780nm): 90.23lm/W

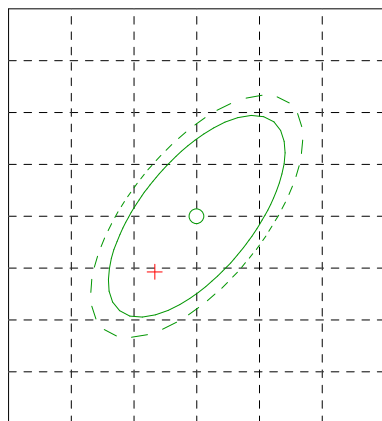
Electric Parameter

Voltage: $U=220.8\text{V}$ Current: $I=36\text{mA}$ Power: $P=7.86\text{W}$ PF: $PF=0.981$

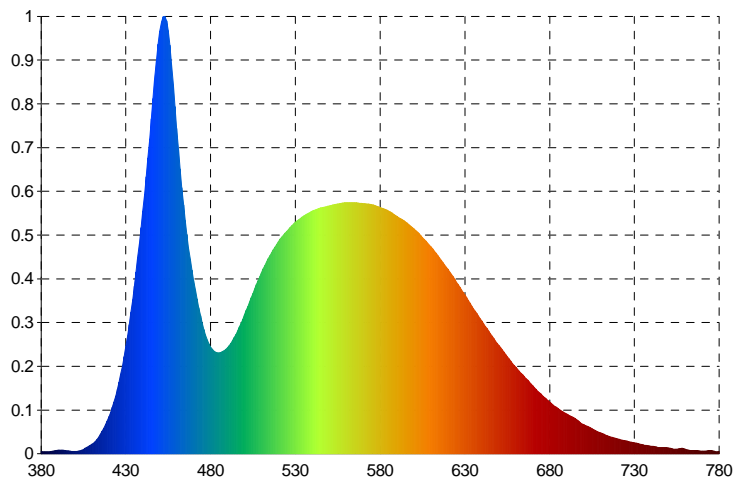
Device State

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

SDCM: 2.866



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



Product Model: 308C-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): _____