

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4319$ $y=0.406$ $u=0.2465$ $v=0.3476$ $Duv=0.0016$

Chroma Coordinate: $u'=0.2465$ $v'=0.5214$

CCT.: CCT=3103K Dominant: $d=582.1\text{nm}$ Barycenter: $b=588\text{nm}$ Peak Wavelength: $p=602\text{nm}$

FWHM: 138.3nm Purity: $Pe=51.44\%$ Red Ratio: $R=0.221$ Green Ratio: $G=0.755$ Blue Ratio: $B=0.024$

Color CRI.: $Ra=82.91$

R 1=81	R 2=89	R 3=97	R 4=82	R 5=81	R 6=86	R 7=85
R 8=62	R 9=9	R 10=75	R 11=81	R 12=68	R 13=83	R 14=98
R 15=74						

Luminosity Parameter

Luminous Flux(380-780nm): 688.743lm Optical Power(380-780nm): 2.087W Efficient(380-780nm): 86.53lm/W

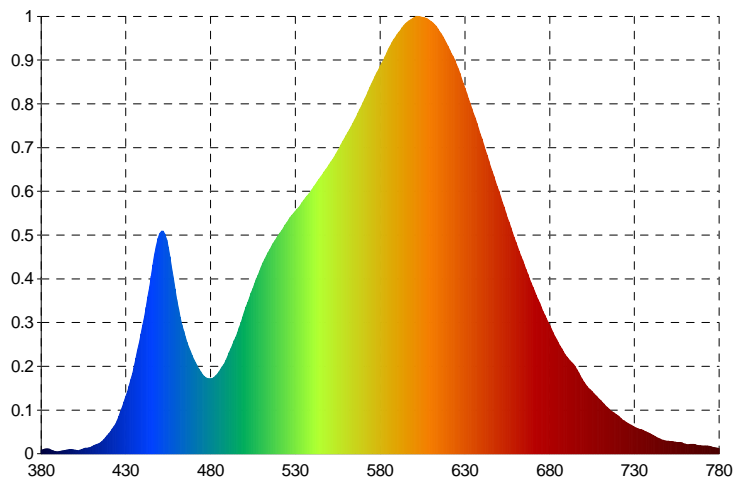
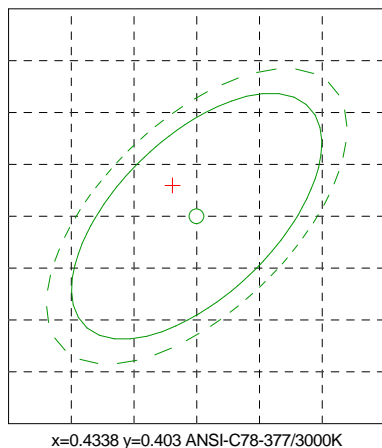
Electric Parameter

Voltage: $U=221.2\text{V}$ Current: $I=36\text{mA}$ Power: $P=7.96\text{W}$ PF: $PF=0.98$

Device State

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

SDCM: 2.472



Product Model: 217B-8w 3000k-3

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): _____