

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4297$ $y=0.4038$ $u=0.2461$ $v=0.3468$ $Duv=0.0010$

Chroma Coordinate: $u'=0.2461$ $v'=0.5202$

CCT.: CCT=3123K Dominant: $d=582\text{nm}$ Barycenter: $b=588\text{nm}$ Peak Wavelength: $p=602.4\text{nm}$

FWHM: 138.1nm Purity: $Pe=50.19\%$ Red Ratio: $R=0.22$ Green Ratio: $G=0.755$ Blue Ratio: $B=0.025$

Color CRI.: $Ra=82.86$

R 1=81	R 2=90	R 3=97	R 4=82	R 5=81	R 6=87	R 7=85
R 8=62	R 9=9	R 10=75	R 11=80	R 12=69	R 13=83	R 14=98
R 15=74						

Luminosity Parameter

Luminous Flux(380-780nm): 657.771lm Optical Power(380-780nm): 2.001W Efficient(380-780nm): 82.22lm/W

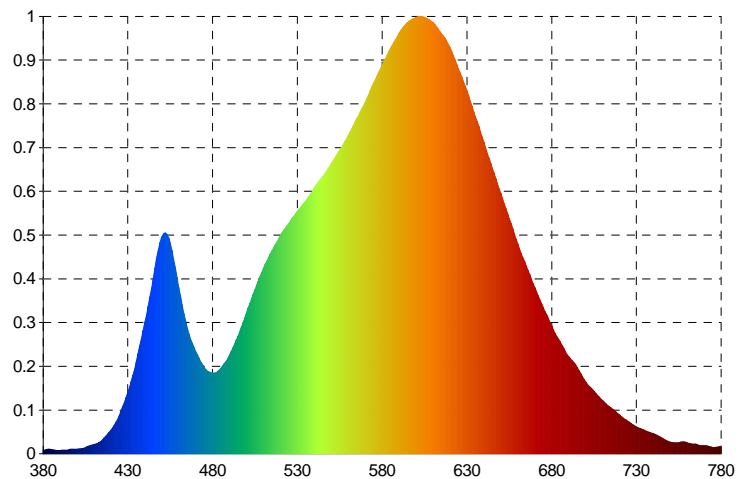
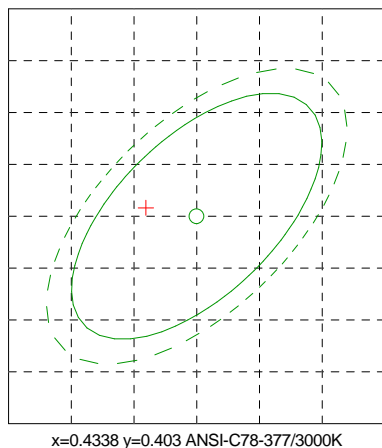
Electric Parameter

Voltage: $U=221.2\text{V}$ Current: $I=36\text{mA}$ Power: $P=8\text{W}$ PF: $PF=0.98$

Device State

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

SDCM: 2.807



Product Model: 217B-8w 3000k-7

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): _____