



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4309$ $y=0.4032$ $u=0.247$ $v=0.3468$ $Duv=0.0006$

Chroma Coordinate: $u'=0.247$ $v'=0.5202$

CCT.: CCT=3097K Dominant: $d=581.8\text{nm}$ Barycenter: $b=588\text{nm}$ Peak Wavelength: $p=602.5\text{nm}$

FWHM: 135.6nm Purity: $Pe=50.44\%$ Red Ratio: $R=0.223$ Green Ratio: $G=0.751$ Blue Ratio: $B=0.026$

Color CRI: $Ra=83.53$

R 1=82	R 2=91	R 3=97	R 4=82	R 5=82	R 6=89	R 7=84
R 8=62	R 9=10	R 10=78	R 11=81	R 12=71	R 13=84	R 14=99
R 15=75						

Luminosity Parameter

Luminous Flux(380-780nm): 635.565lm Optical Power(380-780nm): 1.935W Efficient(380-780nm): 74.6lm/W

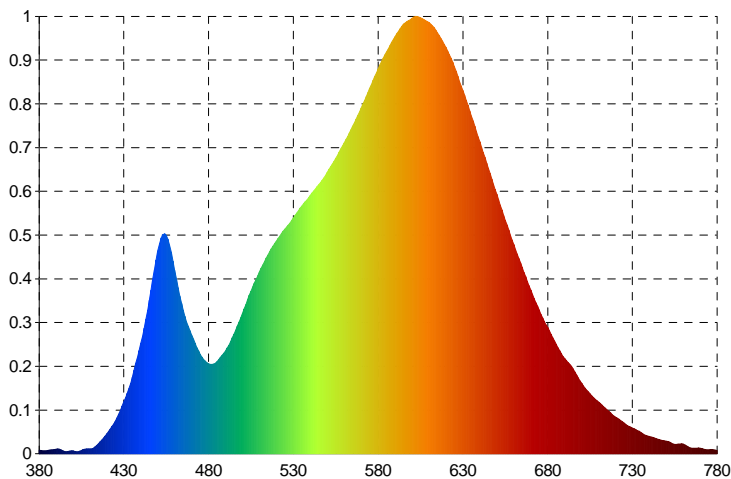
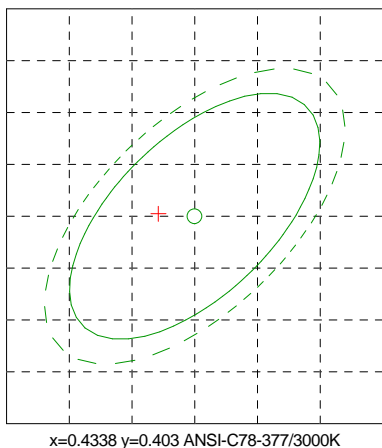
Electric Parameter

Voltage: $U=221.3\text{V}$ Current: $I=39\text{mA}$ Power: $P=8.52\text{W}$ PF: $PF=0.981$

Device State

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

SDCM: 1.889



Product Model: 308C-8W-3000K-2

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): _____