



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4332$ $y=0.4018$ $u=0.2491$ $v=0.3466$ $Duv=0.0003$

Chroma Coordinate: $u'=0.2491$ $v'=0.5199$

CCT.: CCT=3046K Dominant: $d=583.2\text{nm}$ Barycenter: $b=589\text{nm}$ Peak Wavelength: $p=603.2\text{nm}$

FWHM: 134.4nm Purity: $Pe=50.53\%$ Red Ratio: $R=0.227$ Green Ratio: $G=0.749$ Blue Ratio: $B=0.024$

Color CRI: $Ra=83.46$

R 1=82	R 2=91	R 3=97	R 4=82	R 5=82	R 6=88	R 7=84
R 8=62	R 9=11	R 10=77	R 11=81	R 12=71	R 13=84	R 14=99
R 15=75						

Luminosity Parameter

Luminous Flux(380-780nm): 691.728lm Optical Power(380-780nm): 2.113W Efficient(380-780nm): 88.8lm/W

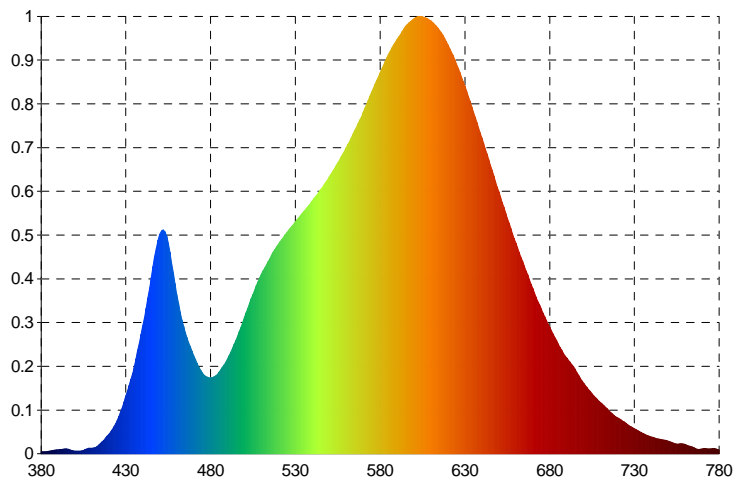
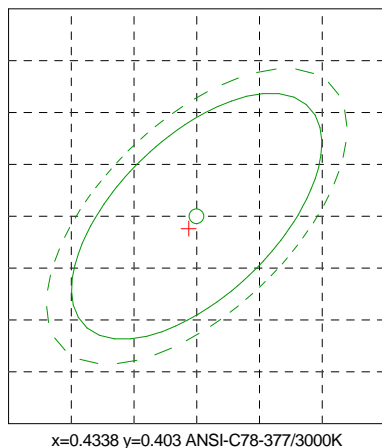
Electric Parameter

Voltage: $U=221\text{V}$ Current: $I=36\text{mA}$ Power: $P=7.79\text{W}$ PF: $PF=0.98$

Device State

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

SDCM: 0.503



Product Model: 308C-8W-3000K-3

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): _____