



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3118$ $y=0.3283$ $u=0.1975$ $v=0.3119$ $Duv=0.0034$

Chroma Coordinate: $u'=0.1975$ $v'=0.4678$

CCT.: CCT=6559K Dominant: $d=488.7\text{nm}$ Barycenter: $b=537\text{nm}$ Peak Wavelength: $p=446\text{nm}$

FWHM: 23.41nm Purity: $Pe=7.629\%$ Red Ratio: $R=0.134$ Green Ratio: $G=0.815$ Blue Ratio: $B=0.051$

Color CRI: $Ra=82.64$

R 1=82	R 2=85	R 3=87	R 4=85	R 5=83	R 6=80	R 7=87
R 8=73	R 9=10	R 10=63	R 11=86	R 12=65	R 13=82	R 14=93
R 15=77						

Luminosity Parameter

Luminous Flux(380-780nm): 2711.76lm Optical Power(380-780nm): 8.814W Efficient(380-780nm): 95.69lm/W

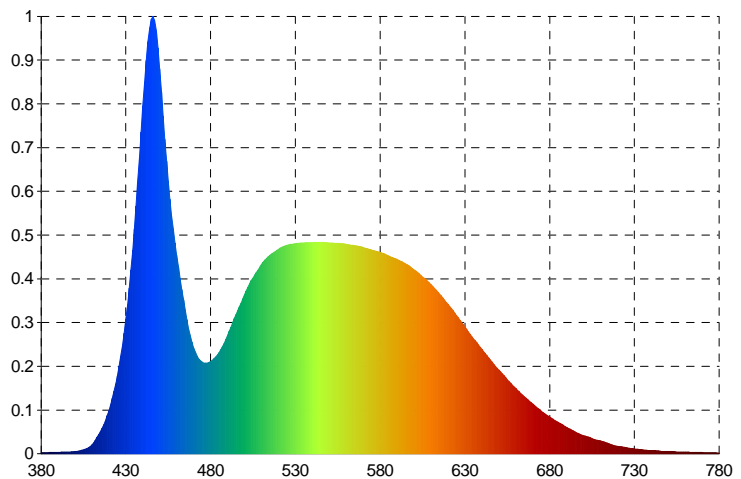
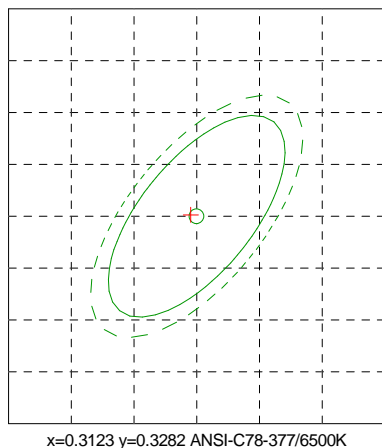
Electric Parameter

Voltage: $U=221\text{V}$ Current: $I=133\text{mA}$ Power: $P=28.34\text{W}$ PF: $PF=0.961$

Device State

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

SDCM: 0.508



Product Model: 217B-30W-6000K-5

Sample No.: 1

Test Cond: $Tg=24.2\text{Cels}$ $Ta=24.6\text{Cels}$ $RH=60\%$

Test Date: 2024-5-21

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____