



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3132$ $y=0.3324$ $u=0.1969$ $v=0.3135$ $Duv=0.0048$

Chroma Coordinate: $u'=0.1969$ $v'=0.4702$

CCT.: CCT=6456K Dominant: $d=491.1\text{nm}$ Barycenter: $b=538\text{nm}$ Peak Wavelength: $p=446\text{nm}$

FWHM: 23.41nm Purity: $Pe=6.89\%$ Red Ratio: $R=0.134$ Green Ratio: $G=0.815$ Blue Ratio: $B=0.051$

Color CRI.: $Ra=82.66$

| | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|
| R 1=81 | R 2=85 | R 3=88 | R 4=84 | R 5=83 | R 6=81 | R 7=87 |
| R 8=72 | R 9=8 | R10=64 | R11=85 | R12=65 | R13=82 | R14=94 |
| R15=76 | | | | | | |

Luminosity Parameter

Luminous Flux(380-780nm): 2793.59lm Optical Power(380-780nm): 9.019W Efficient(380-780nm): 99.49lm/W

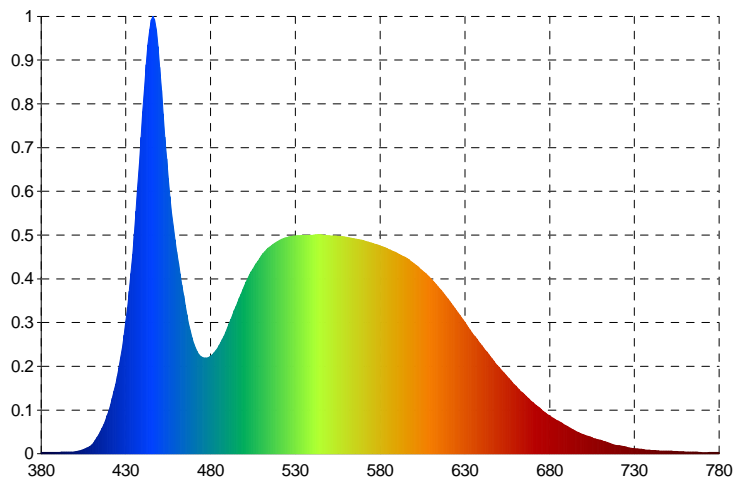
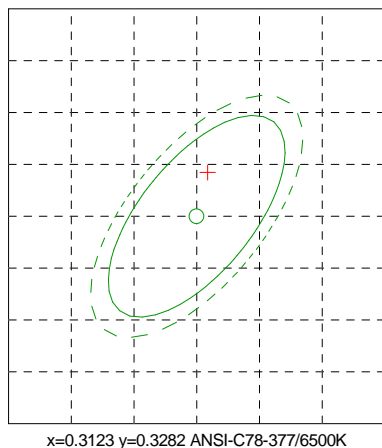
Electric Parameter

Voltage: $U=221\text{V}$ Current: $I=132\text{mA}$ Power: $P=28.08\text{W}$ PF: $PF=0.96$

Device State

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

SDCM: 2.401



Product Model: 217B-30W-6000K-9

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): _____