



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4339$ $y=0.3988$ $u=0.2509$ $v=0.3459$ $Duv=0.0016$

Chroma Coordinate: $u'=0.2509$ $v'=0.5188$

CCT.: CCT=3007K Dominant: $d=582.8\text{nm}$ Barycenter: $b=587\text{nm}$ Peak Wavelength: $p=601.1\text{nm}$

FWHM: 120.2nm Purity: $Pe=50.11\%$ Red Ratio: $R=0.226$ Green Ratio: $G=0.749$ Blue Ratio: $B=0.025$

Color CRI.: $Ra=80.89$

R 1=79 R 2=90 R 3=96 R 4=79 R 5=80 R 6=88 R 7=80

R 8=55 R 9=-2 R10=77 R11=77 R12=71 R13=82 R14=99

R15=71

Luminosity Parameter

Luminous Flux(380-780nm): 1682.19lm Optical Power(380-780nm): 5.029W Efficient(380-780nm): 80.99lm/W

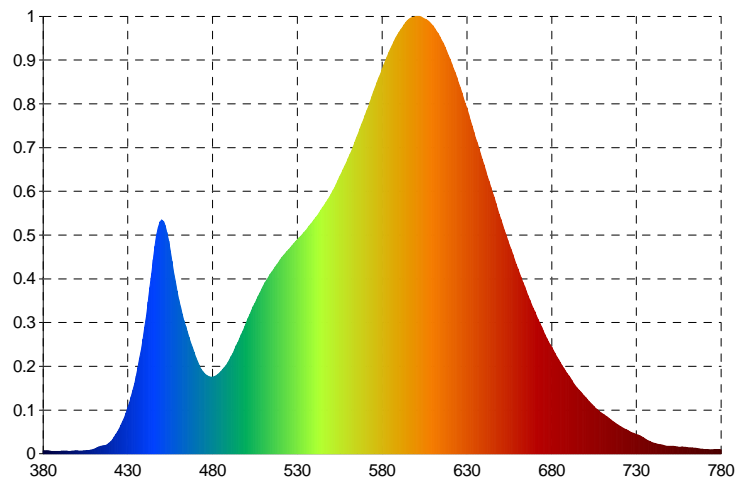
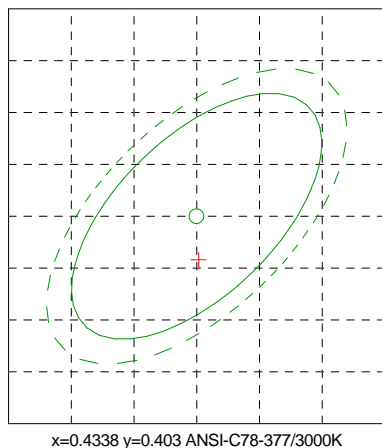
Electric Parameter

Voltage: $U=221\text{V}$ Current: $I=97\text{mA}$ Power: $P=20.77\text{W}$ PF: $PF=0.966$

Device State

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

SDCM: 2.26



Product Model: 217B-20w 3000k-5

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): _____