

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4323$ $y=0.4039$ $u=0.2477$ $v=0.3471$ $Duv=0.0007$

Chroma Coordinate: $u'=0.2477$ $v'=0.5206$

CCT.: CCT=3078K Dominant: $d=581.8\text{nm}$ Barycenter: $b=589\text{nm}$ Peak Wavelength: $p=601.7\text{nm}$

FWHM: 135.5nm Purity: $Pe=51.06\%$ Red Ratio: $R=0.224$ Green Ratio: $G=0.75$ Blue Ratio: $B=0.026$

Color CRI.: $Ra=83.5$

R 1=82 R 2=91 R 3=97 R 4=81 R 5=82 R 6=89 R 7=84

R 8=62 R 9=11 R 10=79 R 11=80 R 12=70 R 13=84 R 14=99

R 15=75

Luminosity Parameter

Luminous Flux(380-780nm): 644.493lm Optical Power(380-780nm): 1.97W Efficient(380-780nm): 82.52lm/W

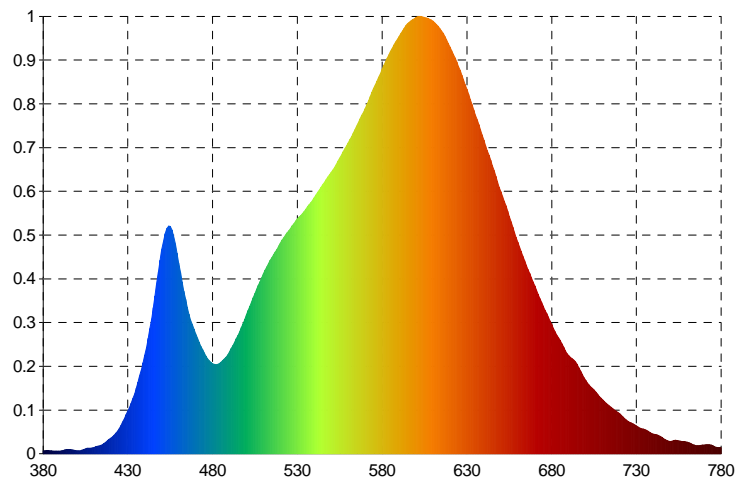
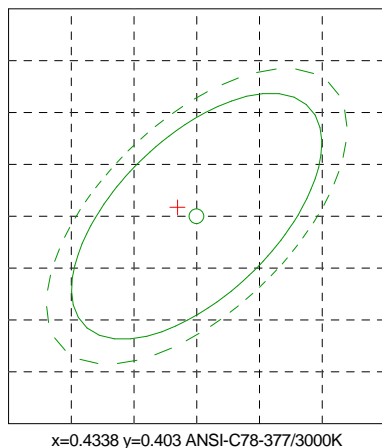
Electric Parameter

Voltage: $U=221.3\text{V}$ Current: $I=36\text{mA}$ Power: $P=7.81\text{W}$ PF: $PF=0.979$

Device State

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

SDCM: 1.277



Product Model: 217B-8w 3000k-6

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): _____