

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4348$ $y=0.4046$ $u=0.2489$ $v=0.3475$ $Duv=0.0006$

Chroma Coordinate: $u'=0.2489$ $v'=0.5213$

CCT.: CCT=3041K Dominant: $d=581.8\text{nm}$ Barycenter: $b=590\text{nm}$ Peak Wavelength: $p=602.5\text{nm}$

FWHM: 135.5nm Purity: $Pe=52.11\%$ Red Ratio: $R=0.227$ Green Ratio: $G=0.749$ Blue Ratio: $B=0.025$

Color CRI: $Ra=83.5$

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=78 R 11=81 R 12=70 R 13=84 R 14=99

R 15=75

Luminosity Parameter

Luminous Flux(380-780nm): 683.012lm Optical Power(380-780nm): 2.09W Efficient(380-780nm): 85.06lm/W

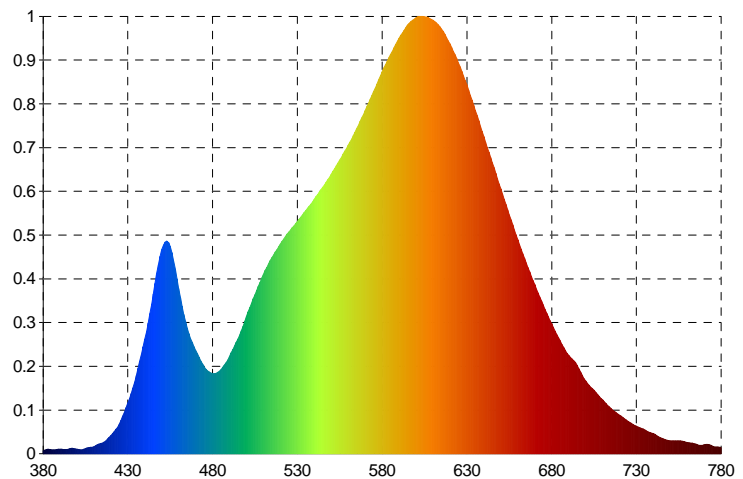
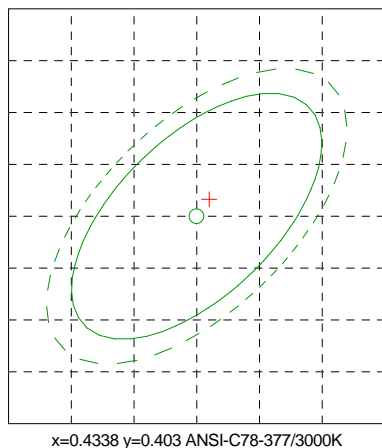
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=37\text{mA}$ Power: $P=8.03\text{W}$ PF: $PF=0.98$

Device State

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

SDCM: 0.696



Product Model: 217B-8w 3000k-4

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): _____