



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4279$ $y=0.3957$ $u=0.2483$ $v=0.3445$ $Duv=0.0020$

Chroma Coordinate: $u'=0.2483$ $v'=0.5167$

CCT.: CCT=3089K Dominant: $d=582.8\text{nm}$ Barycenter: $b=586\text{nm}$ Peak Wavelength: $p=602.4\text{nm}$

FWHM: 132nm Purity: $Pe=47.29\%$ Red Ratio: $R=0.224$ Green Ratio: $G=0.751$ Blue Ratio: $B=0.024$

Color CRI: $Ra=82.85$

R 1=82 R 2=90 R 3=97 R 4=82 R 5=82 R 6=88 R 7=83

R 8=60 R 9=6 R 10=77 R 11=83 R 12=74 R 13=83 R 14=99

R 15=74

Luminosity Parameter

Luminous Flux(380-780nm): 2392.63lm Optical Power(380-780nm): 7.239W Efficient(380-780nm): 83.28lm/W

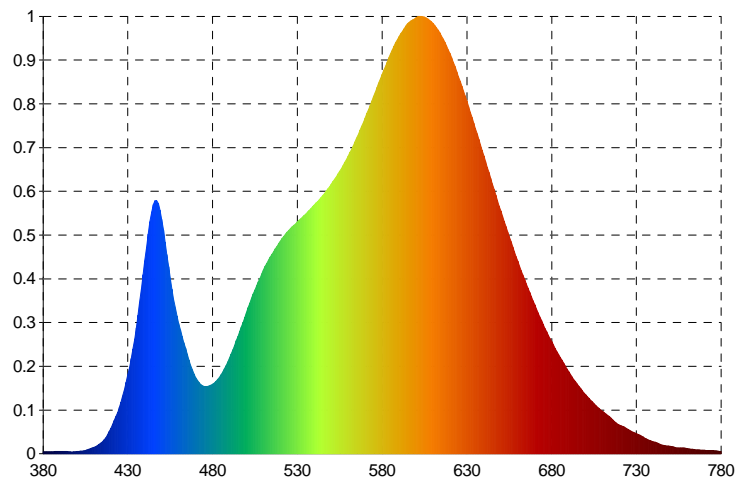
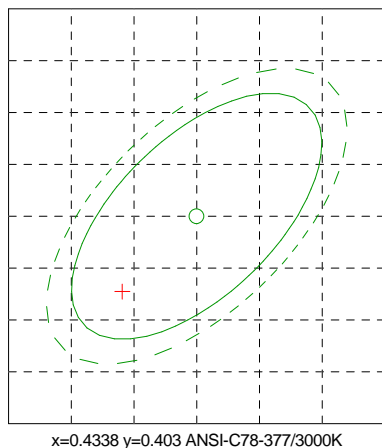
Electric Parameter

Voltage: $U=220.5\text{V}$ Current: $I=215\text{mA}$ Power: $P=28.73\text{W}$ PF: $PF=0.603$

Device State

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

SDCM: 3.381



Product Model: 217B-30w 3000k 3

Sample No.: 1

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

Test Date: 2024-7-15

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____