



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.433$ $y=0.4013$ $u=0.2492$ $v=0.3465$ $Duv=0.0005$

Chroma Coordinate: $u'=0.2492$ $v'=0.5197$

CCT.: CCT=3044K Dominant: $d=583.1\text{nm}$ Barycenter: $b=587\text{nm}$ Peak Wavelength: $p=602.1\text{nm}$

FWHM: 130.6nm Purity: $Pe=50.36\%$ Red Ratio: $R=0.225$ Green Ratio: $G=0.751$ Blue Ratio: $B=0.023$

Color CRI: $Ra=82.33$

R 1=81 R 2=90 R 3=97 R 4=82 R 5=81 R 6=87 R 7=83

R 8=59 R 9=3 R 10=76 R 11=82 R 12=73 R 13=83 R 14=99

R 15=73

Luminosity Parameter

Luminous Flux(380-780nm): 2460.88lm Optical Power(380-780nm): 7.397W Efficient(380-780nm): 86.41lm/W

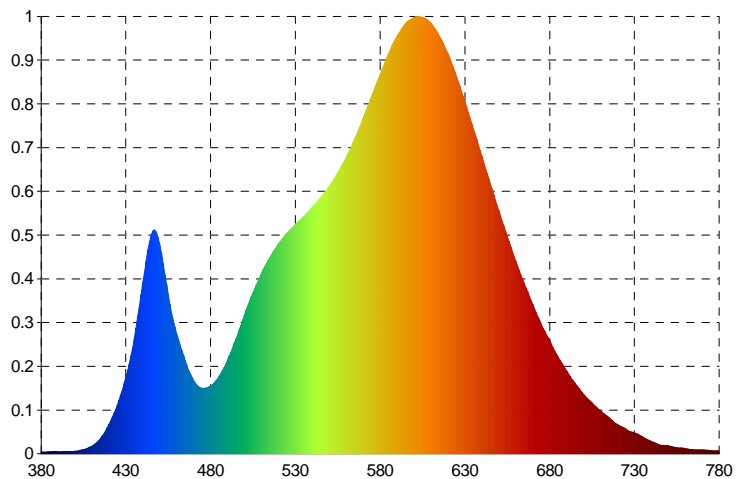
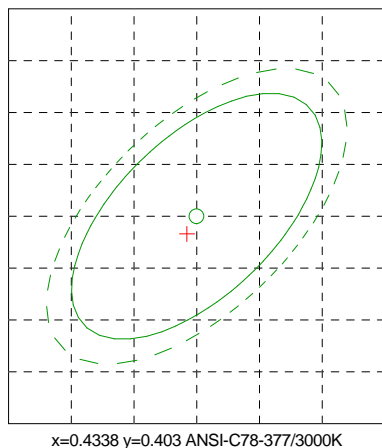
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=213\text{mA}$ Power: $P=28.48\text{W}$ PF: $PF=0.603$

Device State

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

SDCM: 0.721



Product Model: 217B-30w 3000k 2

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): _____