



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4268$ $y=0.4023$ $u=0.2448$ $v=0.3461$ $Duv=0.0009$

Chroma Coordinate: $u'=0.2448$ $v'=0.5192$

CCT.: CCT=3163K Dominant: $d=582.1\text{nm}$ Barycenter: $b=585\text{nm}$ Peak Wavelength: $p=601.6\text{nm}$

FWHM: 136.9nm Purity: $Pe=48.84\%$ Red Ratio: $R=0.218$ Green Ratio: $G=0.758$ Blue Ratio: $B=0.024$

Color CRI: $Ra=82.46$

R 1=81 R 2=89 R 3=97 R 4=83 R 5=81 R 6=87 R 7=84

R 8=60 R 9=3 R 10=75 R 11=83 R 12=71 R 13=82 R 14=98

R 15=73

Luminosity Parameter

Luminous Flux(380-780nm): 2693.66lm Optical Power(380-780nm): 7.985W Efficient(380-780nm): 92.38lm/W

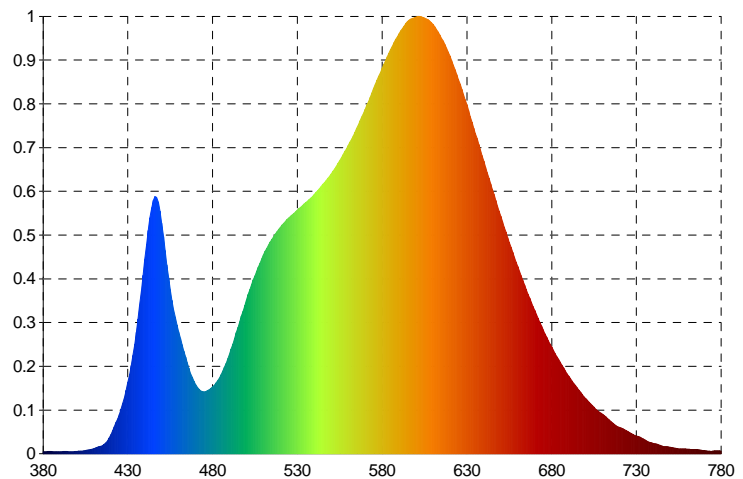
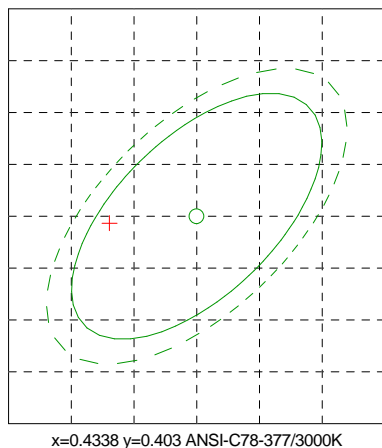
Electric Parameter

Voltage: $U=220.8\text{V}$ Current: $I=137\text{mA}$ Power: $P=29.16\text{W}$ PF: $PF=0.964$

Device State

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

SDCM: 4.144



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: 2024-5-21

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____