



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3717$ $y=0.3738$ $u=0.2205$ $v=0.3327$ $Duv=0.0014$

Chroma Coordinate: $u'=0.2205$ $v'=0.499$

CCT.: CCT=4228K Dominant: $d=576.8\text{nm}$ Barycenter: $b=565\text{nm}$ Peak Wavelength: $p=447.5\text{nm}$

FWHM: 25.19nm Purity: $Pe=23.71\%$ Red Ratio: $R=0.175$ Green Ratio: $G=0.79$ Blue Ratio: $B=0.035$

Color CRI: $Ra=82.6$

R 1=81	R 2=87	R 3=93	R 4=83	R 5=81	R 6=83	R 7=87
R 8=66	R 9=7	R 10=69	R 11=83	R 12=64	R 13=82	R 14=96
R 15=75						

Luminosity Parameter

Luminous Flux(380-780nm): 2741.86lm Optical Power(380-780nm): 8.326W Efficient(380-780nm): 94.74lm/W

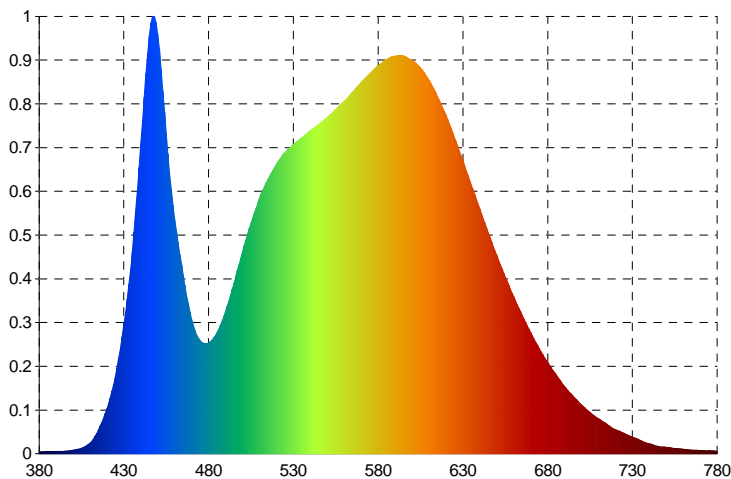
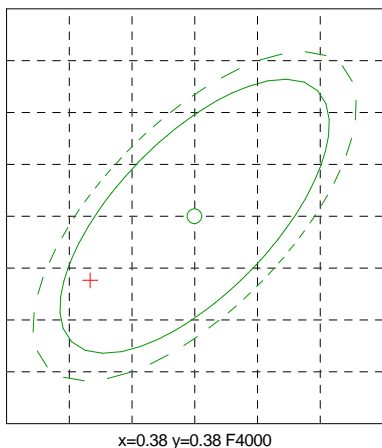
Electric Parameter

Voltage: $U=220.6\text{V}$ Current: $I=217\text{mA}$ Power: $P=28.94\text{W}$ PF: $PF=0.603$

Device State

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

SDCM: 3.898



Product Model: 217B-30w 4000k 1

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): _____