



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3713$ $y=0.3727$ $u=0.2207$ $v=0.3323$ $Duv=0.0009$

Chroma Coordinate: $u'=0.2207$ $v'=0.4984$

CCT.: CCT=4232K Dominant: $d=578.2\text{nm}$ Barycenter: $b=565\text{nm}$ Peak Wavelength: $p=446.9\text{nm}$

FWHM: 24.01nm Purity: $Pe=23.25\%$ Red Ratio: $R=0.175$ Green Ratio: $G=0.79$ Blue Ratio: $B=0.035$

Color CRI: $Ra=82.78$

R 1=81 R 2=87 R 3=92 R 4=84 R 5=82 R 6=83 R 7=87

R 8=67 R 9=8 R 10=69 R 11=83 R 12=64 R 13=82 R 14=96

R 15=75

Luminosity Parameter

Luminous Flux(380-780nm): 2811.61lm Optical Power(380-780nm): 8.546W Efficient(380-780nm): 96.72lm/W

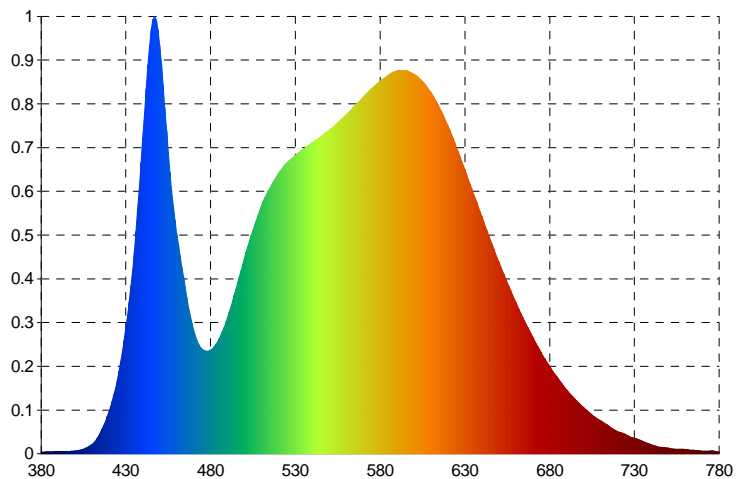
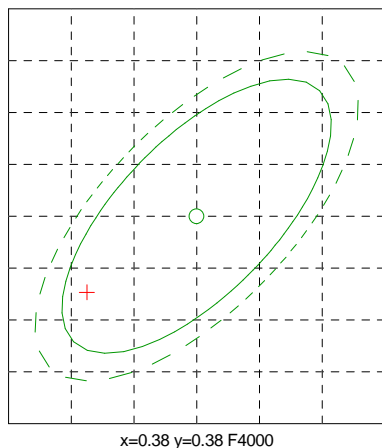
Electric Parameter

Voltage: $U=220.7\text{V}$ Current: $I=218\text{mA}$ Power: $P=29.07\text{W}$ PF: $PF=0.603$

Device State

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

SDCM: 4.075



Product Model: 217B-30w 4000k 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): _____