



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3724$ $y=0.3693$ $u=0.2228$ $v=0.3314$ $Duv=0.0010$

Chroma Coordinate: $u'=0.2228$ $v'=0.497$

CCT.: CCT=4174K Dominant: $d=578.9\text{nm}$ Barycenter: $b=566\text{nm}$ Peak Wavelength: $p=446.4\text{nm}$

FWHM: 21.74nm Purity: $Pe=22.58\%$ Red Ratio: $R=0.178$ Green Ratio: $G=0.79$ Blue Ratio: $B=0.032$

Color CRI: $Ra=82.15$

R 1=81 R 2=87 R 3=91 R 4=83 R 5=82 R 6=82 R 7=86

R 8=66 R 9=8 R 10=68 R 11=83 R 12=63 R 13=82 R 14=95

R 15=76

Luminosity Parameter

Luminous Flux(380-780nm): 2831.99lm Optical Power(380-780nm): 8.606W Efficient(380-780nm): 98.33lm/W

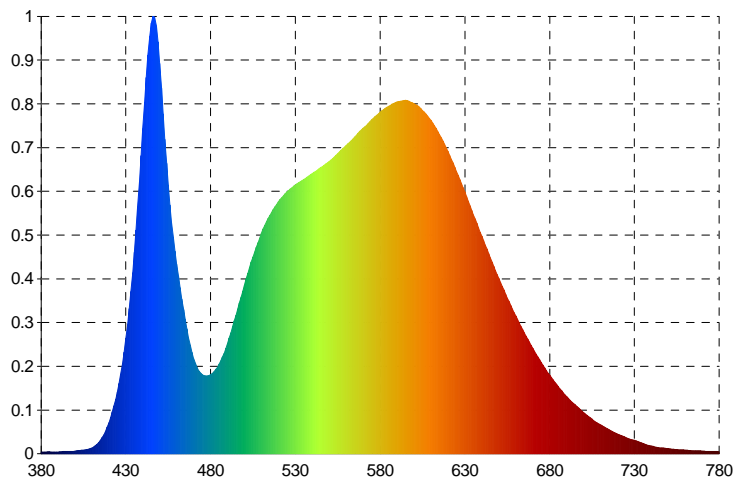
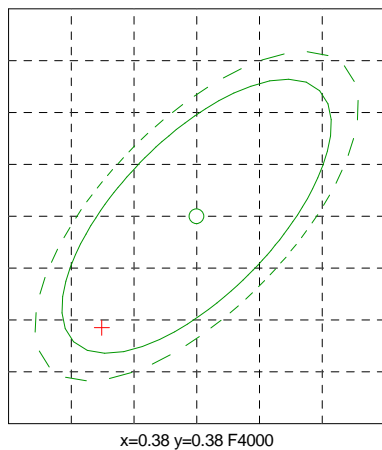
Electric Parameter

Voltage: $U=221.2\text{V}$ Current: $I=135\text{mA}$ Power: $P=28.8\text{W}$ PF: $PF=0.963$

Device State

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

SDCM: 4.203



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: 2024-5-21

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____