



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3794$ $y=0.3758$ $u=0.2248$ $v=0.334$ $Duv=0.0000$

Chroma Coordinate: $u'=0.2248$ $v'=0.501$

CCT.: CCT=4021K Dominant: $d=578.9\text{nm}$ Barycenter: $b=569\text{nm}$ Peak Wavelength: $p=446.7\text{nm}$

FWHM: 22.49nm Purity: $Pe=26.66\%$ Red Ratio: $R=0.182$ Green Ratio: $G=0.786$ Blue Ratio: $B=0.032$

Color CRI: $Ra=82.55$

R 1=81 R 2=87 R 3=92 R 4=84 R 5=82 R 6=83 R 7=86

R 8=66 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): 2789.06lm Optical Power(380-780nm): 8.44W Efficient(380-780nm): 98.34lm/W

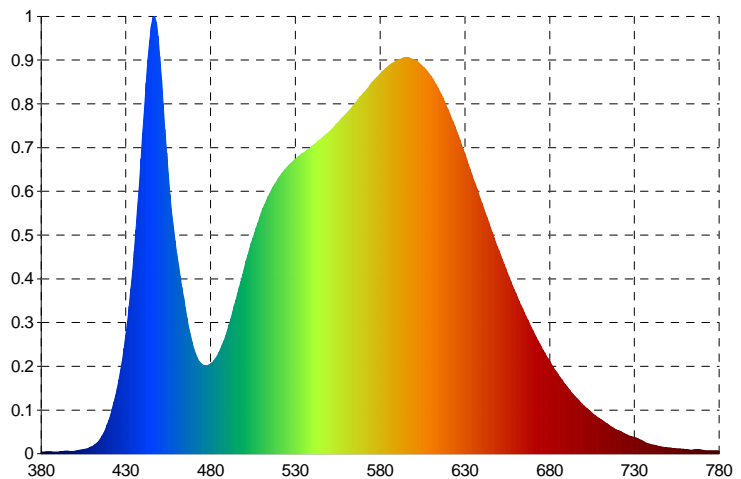
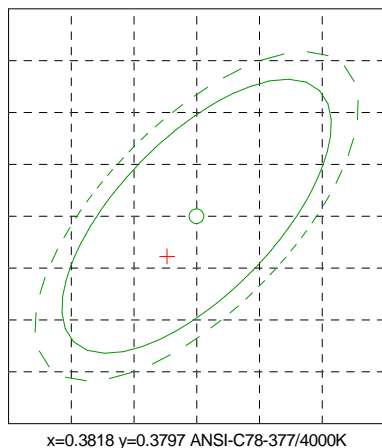
Electric Parameter

Voltage: $U=220.8\text{V}$ Current: $I=133\text{mA}$ Power: $P=28.36\text{W}$ PF: $PF=0.962$

Device State

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

SDCM: 1.474



Product Model: 217B-30W-4000K-2

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): _____