



Volnic Ltd.Electrical Co. Ltd.

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Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3152$ $y=0.3316$ $u=0.1986$ $v=0.3134$ $Duv=0.0034$

Chroma Coordinate: $u'=0.1986$ $v'=0.4701$

CCT.: CCT=6357K Dominant: $d=490.5\text{nm}$ Barycenter: $b=540\text{nm}$ Peak Wavelength: $p=447.2\text{nm}$

FWHM: 22.98nm Purity: $Pe=6.289\%$ Red Ratio: $R=0.135$ Green Ratio: $G=0.816$ Blue Ratio: $B=0.049$

Color CRI.: $Ra=81.81$

R 1=81	R 2=84	R 3=87	R 4=84	R 5=82	R 6=79	R 7=87
R 8=71	R 9=7	R 10=62	R 11=84	R 12=61	R 13=81	R 14=93
R 15=76						

Luminosity Parameter

Luminous Flux(380-780nm): 3098.77lm Optical Power(380-780nm): 9.943W Efficient(380-780nm): 81.35lm/W

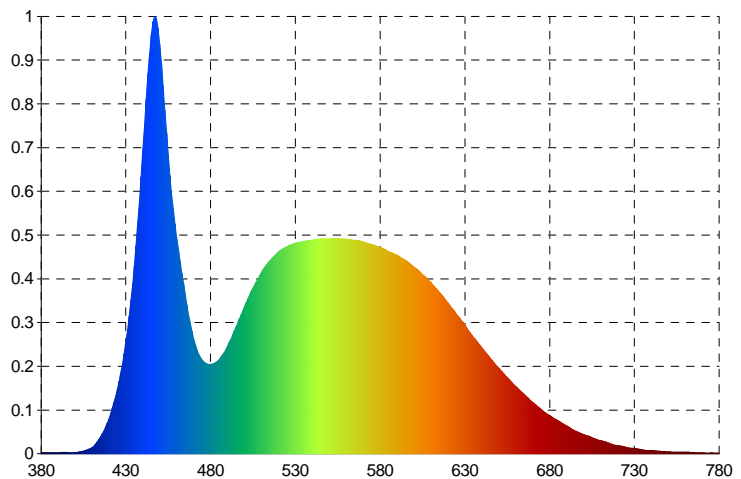
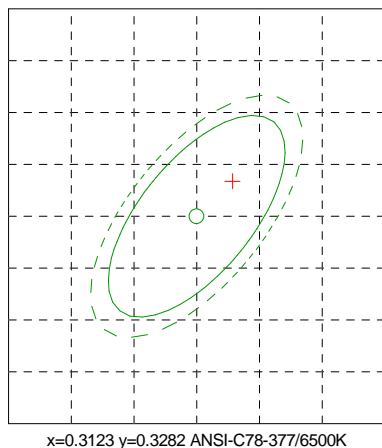
Electric Parameter

Voltage: $U=221.2\text{V}$ Current: $I=178\text{mA}$ Power: $P=38.09\text{W}$ PF: $PF=0.964$

Device State

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

SDCM: 2.102



Product Model: 217B-40W-6000K-5

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): _____