



Volnic Ltd.Electrical Co. Ltd.

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Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3149$ $y=0.3315$ $u=0.1984$ $v=0.3133$ $Duv=0.0035$

Chroma Coordinate: $u'=0.1984$ $v'=0.4699$

CCT.: CCT=6373K Dominant: $d=490.4\text{nm}$ Barycenter: $b=540\text{nm}$ Peak Wavelength: $p=447.3\text{nm}$

FWHM: 23.15nm Purity: $Pe=6.393\%$ Red Ratio: $R=0.134$ Green Ratio: $G=0.816$ Blue Ratio: $B=0.05$

Color CRI.: $Ra=81.86$

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): 3200.2lm Optical Power(380-780nm): 10.27W Efficient(380-780nm): 84.33lm/W

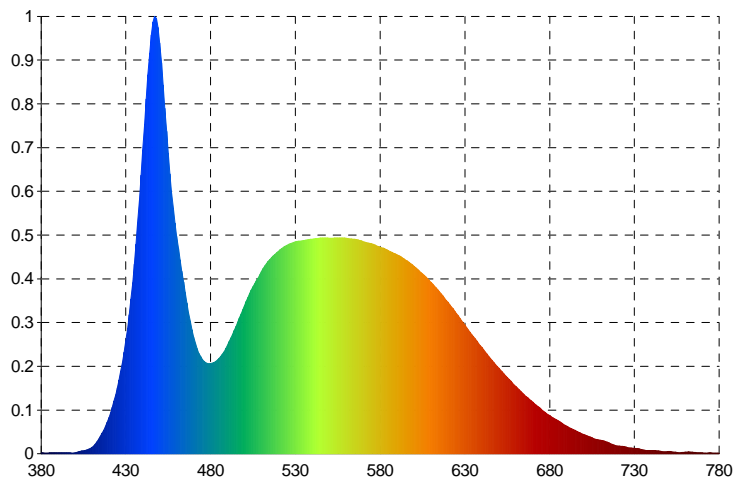
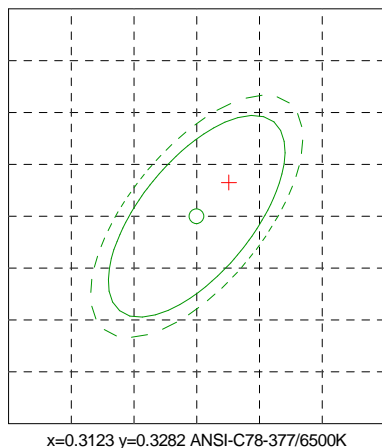
Electric Parameter

Voltage: $U=220.7\text{V}$ Current: $I=178\text{mA}$ Power: $P=37.95\text{W}$ PF: $PF=0.965$

Device State

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

SDCM: 1.932



Product Model: 217B-40W-6000K-4

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): _____