

Volnic Ltd.Electrical Co. Ltd.

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Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3223$ $y=0.3336$ $u=0.2027$ $v=0.3148$ $Duv=0.0009$

Chroma Coordinate: $u'=0.2027$ $v'=0.4722$

CCT.:CCT=5985K Dominant: $d=492.1\text{nm}$ Barycenter: $b=544\text{nm}$ Peak Wavelength: $p=451.5\text{nm}$

FWHM: 27.89nm Purity: $Pe=3.72\%$ Red Ratio: $R=0.142$ Green Ratio: $G=0.807$ Blue Ratio: $B=0.05$

Color CRI.: $Ra=83.57$

R 1=83 R 2=87 R 3=89 R 4=84 R 5=83 R 6=81 R 7=88

R 8=73 R 9=15 R10=67 R11=83 R12=62 R13=84 R14=94

R15=79

Luminosity Parameter

Luminous Flux(380-780nm): 5403.19lm Optical Power(380-780nm): 17.49W Efficient(380-780nm): 94.68lm/W

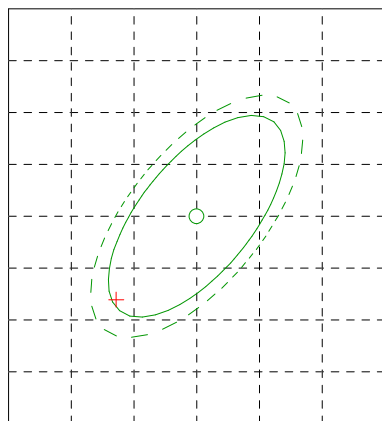
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=260\text{mA}$ Power: $P=57.07\text{W}$ PF: $PF=0.992$

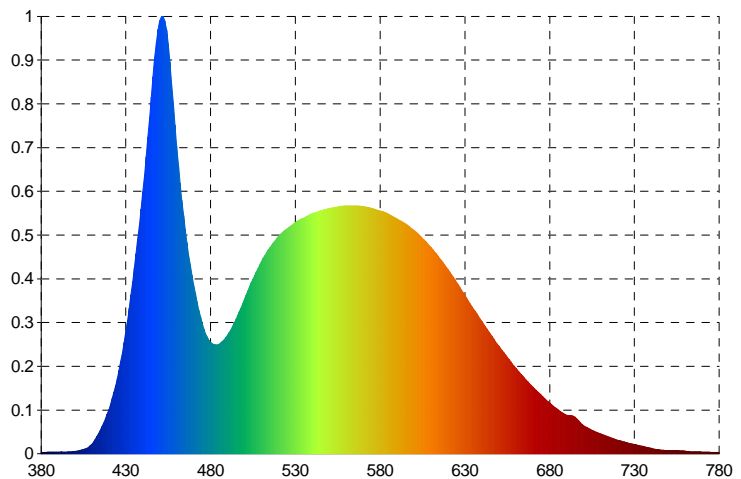
Device State

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

SDCM: 4.822



$x=0.3287$ $y=0.3417$ ANSI-C78-377/5700K



Product Model: 234-60W-6000K-3

Sample No.: 1

Test Cond: $Tg=24.2\text{Cels}$ $Ta=24.6\text{Cels}$ $RH=60\%$

Test Date: 2024-5-22

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____