



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3724$ $y=0.3691$ $u=0.2228$ $v=0.3313$ $Duv=0.0011$

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

CCT.: CCT=4175K Dominant: $d=578.9\text{nm}$ Barycenter: $b=566\text{nm}$ Peak Wavelength: $p=447.2\text{nm}$

FWHM: 24.05nm Purity: $Pe=22.51\%$ Red Ratio: $R=0.177$ Green Ratio: $G=0.79$ Blue Ratio: $B=0.034$

Color CRI: $Ra=81.77$

R 1=80 R 2=87 R 3=92 R 4=82 R 5=81 R 6=82 R 7=86

R 8=65 R 9=5 R 10=68 R 11=81 R 12=63 R 13=82 R 14=96

R 15=75

Luminosity Parameter

Luminous Flux(380-780nm): 3355.88lm Optical Power(380-780nm): 10.22W Efficient(380-780nm): 84.23lm/W

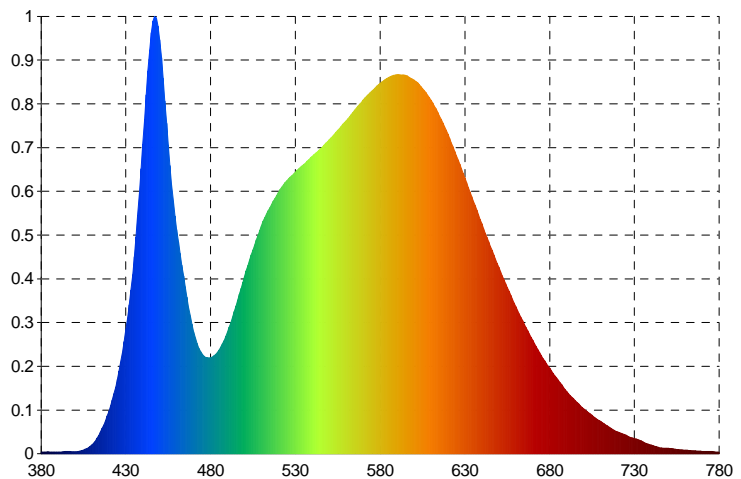
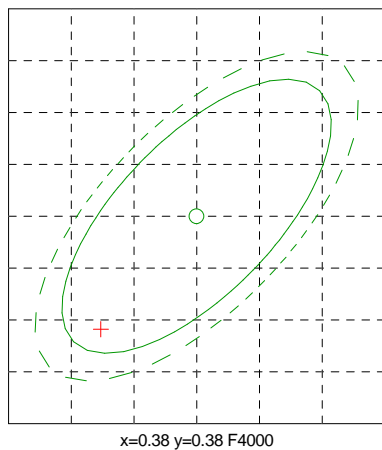
Electric Parameter

Voltage: $U=220.7\text{V}$ Current: $I=291\text{mA}$ Power: $P=39.84\text{W}$ PF: $PF=0.618$

Device State

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

SDCM: 4.257



Product Model: 217B-40w 4000k 1

Sample No.: 1

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

Test Date: 2024-7-15

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____