



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3724$ $y=0.3709$ $u=0.2222$ $v=0.3318$ $Duv=0.0002$

Chroma Coordinate: $u'=0.2222$ $v'=0.4978$

CCT.: CCT=4185K Dominant: $d=579.2\text{nm}$ Barycenter: $b=566\text{nm}$ Peak Wavelength: $p=447.7\text{nm}$

FWHM: 23.64nm Purity: $Pe=23.04\%$ Red Ratio: $R=0.175$ Green Ratio: $G=0.791$ Blue Ratio: $B=0.034$

Color CRI: $Ra=81.44$

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

R 8=65 R 9=3 R 10=67 R 11=80 R 12=61 R 13=81 R 14=96

R 15=74

Luminosity Parameter

Luminous Flux(380-780nm): 3143.29lm Optical Power(380-780nm): 9.529W Efficient(380-780nm): 83.18lm/W

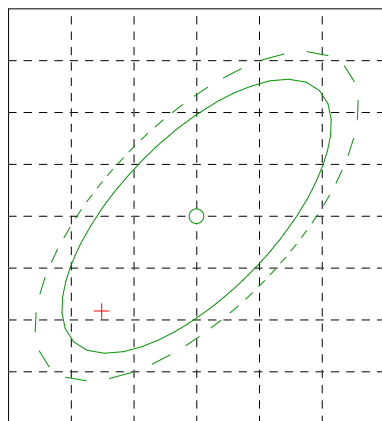
Electric Parameter

Voltage: $U=220.8\text{V}$ Current: $I=177\text{mA}$ Power: $P=37.79\text{W}$ PF: $PF=0.964$

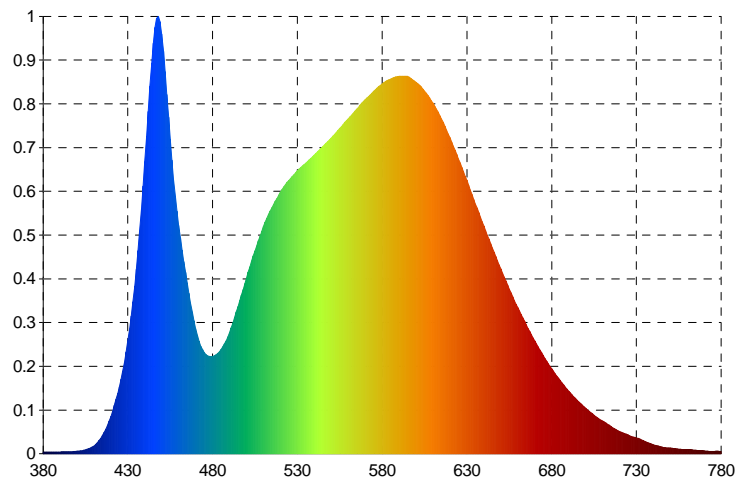
Device State

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

SDCM: 3.825



$x=0.38$ $y=0.38$ F4000



Product Model: 217B-40w 4000k-2

Sample No.: 1

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

Test Date: 2024-5-20

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____