



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4346$ $y=0.3996$ $u=0.251$ $v=0.3462$ $Duv=0.0014$

Chroma Coordinate: $u'=0.251$ $v'=0.5193$

CCT.: CCT=3003K Dominant: $d=582.8\text{nm}$ Barycenter: $b=588\text{nm}$ Peak Wavelength: $p=601.2\text{nm}$

FWHM: 119.7nm Purity: $Pe=50.51\%$ Red Ratio: $R=0.226$ Green Ratio: $G=0.749$ Blue Ratio: $B=0.025$

Color CRI.: $Ra=80.71$

R 1=79 R 2=90 R 3=96 R 4=78 R 5=79 R 6=88 R 7=80

R 8=55 R 9=-3 R 10=78 R 11=77 R 12=71 R 13=82 R 14=99

R 15=71

Luminosity Parameter

Luminous Flux(380-780nm): 1637.46lm Optical Power(380-780nm): 4.887W Efficient(380-780nm): 79.49lm/W

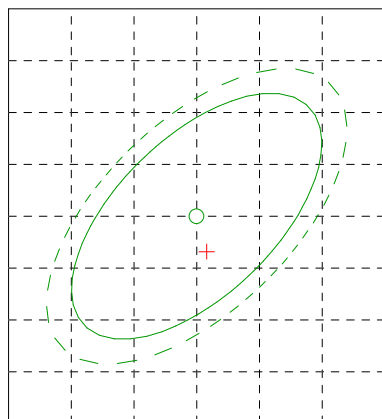
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=96\text{mA}$ Power: $P=20.6\text{W}$ PF: $PF=0.963$

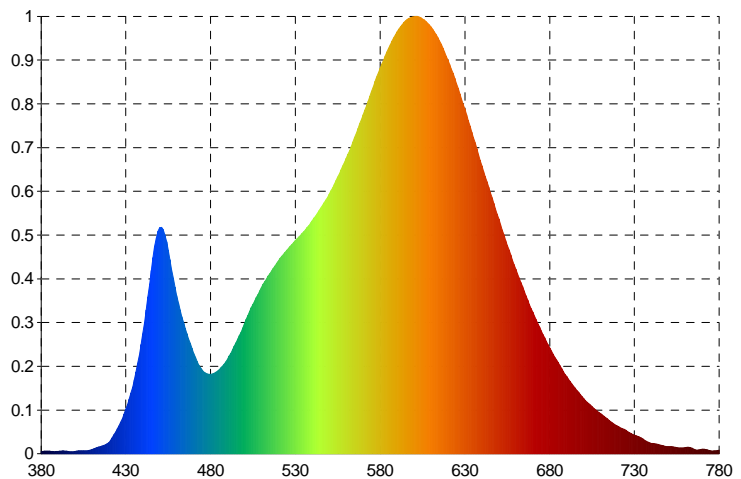
Device State

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

SDCM: 2.122



$x=0.4338$ $y=0.403$ ANSI-C78-377/3000K



Product Model: 217B-20w 3000k-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): _____