

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4327$ $y=0.4051$ $u=0.2474$ $v=0.3474$ $Duv=0.0011$

Chroma Coordinate: $u'=0.2474$ $v'=0.5211$

CCT.: CCT=3081K Dominant: $d=581.9\text{nm}$ Barycenter: $b=589\text{nm}$ Peak Wavelength: $p=601.7\text{nm}$

FWHM: 135.6nm Purity: $Pe=51.49\%$ Red Ratio: $R=0.225$ Green Ratio: $G=0.748$ Blue Ratio: $B=0.027$

Color CRI.: $Ra=83.96$

R 1=83 R 2=92 R 3=97 R 4=82 R 5=82 R 6=90 R 7=84

R 8=62 R 9=12 R 10=80 R 11=80 R 12=71 R 13=85 R 14=99

R 15=75

Luminosity Parameter

Luminous Flux(380-780nm): 641.285lm Optical Power(380-780nm): 1.966W Efficient(380-780nm): 79.07lm/W

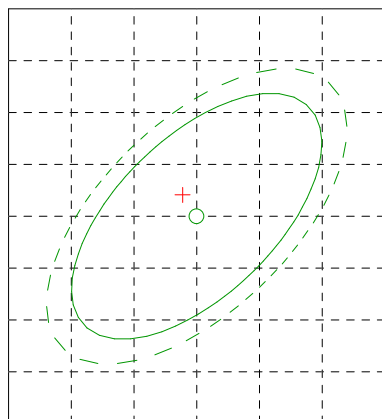
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=37\text{mA}$ Power: $P=8.11\text{W}$ PF: $PF=0.981$

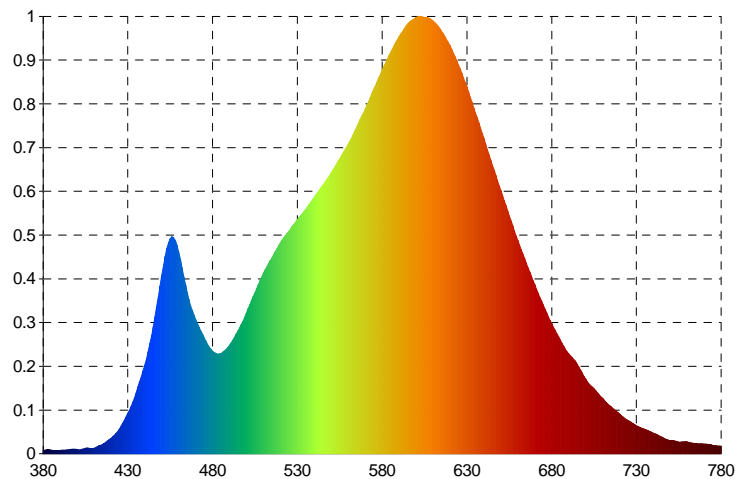
Device State

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

SDCM: 1.606



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



Product Model: 217B-8w 3000k-1

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): _____