



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4336$ $y=0.3976$ $u=0.2512$ $v=0.3455$ $Duv=0.0021$

Chroma Coordinate: $u'=0.2512$ $v'=0.5183$

CCT.: CCT=3004K Dominant: $d=584.2\text{nm}$ Barycenter: $b=587\text{nm}$ Peak Wavelength: $p=601.5\text{nm}$

FWHM: 119.2nm Purity: $Pe=49.31\%$ Red Ratio: $R=0.227$ Green Ratio: $G=0.748$ Blue Ratio: $B=0.025$

Color CRI: $Ra=81.17$

R 1=80 R 2=91 R 3=96 R 4=79 R 5=80 R 6=89 R 7=80

R 8=55 R 9=-1 R10=78 R11=78 R12=73 R13=82 R14=99

R15=72

Luminosity Parameter

Luminous Flux(380-780nm): 1999.79lm Optical Power(380-780nm): 5.988W Efficient(380-780nm): 93.36lm/W

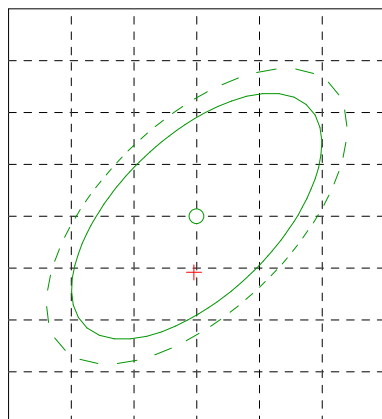
Electric Parameter

Voltage: $U=220.8\text{V}$ Current: $I=166\text{mA}$ Power: $P=21.42\text{W}$ PF: $PF=0.584$

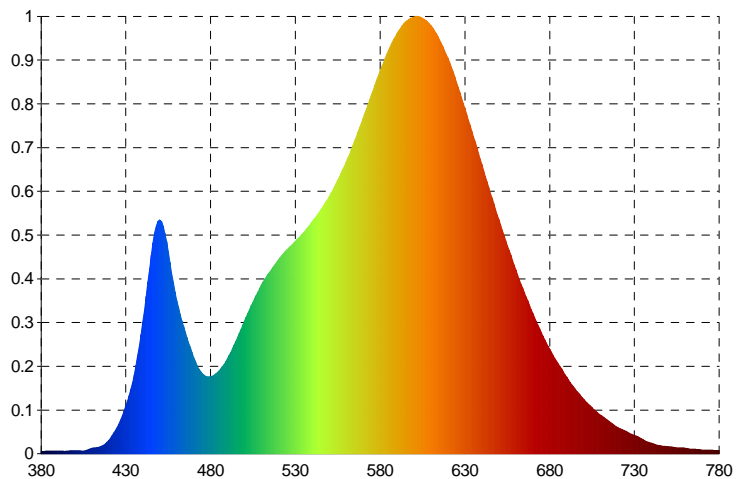
Device State

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

SDCM: 2.755



$x=0.4338$ $y=0.403$ 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: 2024-7-15

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____