



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4343$ $y=0.3984$ $u=0.2513$ $v=0.3458$ $Duv=0.0019$

Chroma Coordinate: $u'=0.2513$ $v'=0.5187$

CCT.: CCT=2998K Dominant: $d=584.2\text{nm}$ Barycenter: $b=588\text{nm}$ Peak Wavelength: $p=601.5\text{nm}$

FWHM: 119.1nm Purity: $Pe=49.76\%$ Red Ratio: $R=0.228$ Green Ratio: $G=0.747$ Blue Ratio: $B=0.025$

Color CRI: $Ra=81.15$

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 R 10=78 R 11=78 R 12=72 R 13=82 R 14=99

R 15=72

Luminosity Parameter

Luminous Flux(380-780nm): 1910.46lm Optical Power(380-780nm): 5.713W Efficient(380-780nm): 92.74lm/W

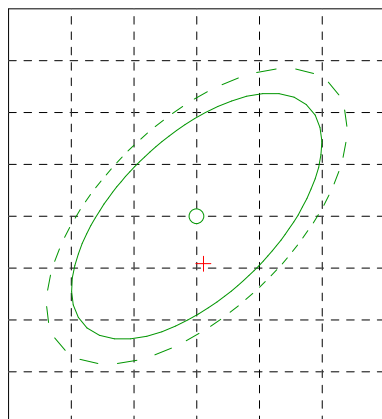
Electric Parameter

Voltage: $U=220.7\text{V}$ Current: $I=160\text{mA}$ Power: $P=20.6\text{W}$ PF: $PF=0.582$

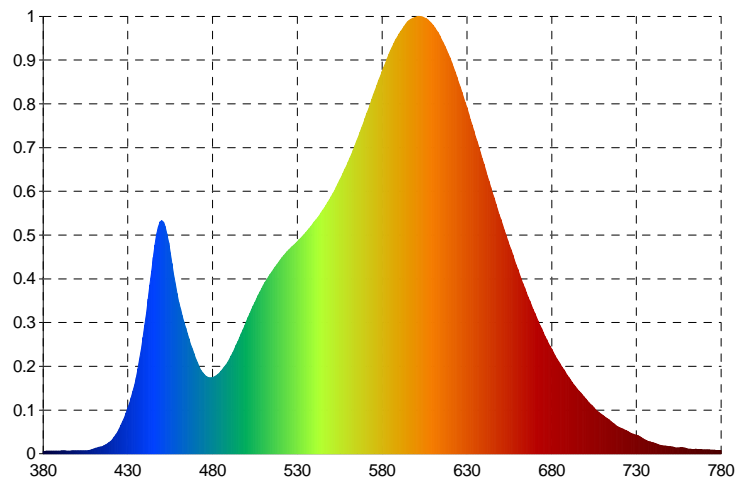
Device State

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

SDCM: 2.613



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



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