

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.375$ $y=0.3712$ $u=0.2238$ $v=0.3322$ $Duv=0.0010$

Chroma Coordinate: $u'=0.2238$ $v'=0.4983$

CCT.: CCT=4112K Dominant: $d=578.8\text{nm}$ Barycenter: $b=567\text{nm}$ Peak Wavelength: $p=448\text{nm}$

FWHM: 24.21nm Purity: $Pe=23.93\%$ Red Ratio: $R=0.178$ Green Ratio: $G=0.788$ Blue Ratio: $B=0.034$

Color CRI.: $Ra=81.94$

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

R 8=65 R 9=5 R10=69 R11=81 R12=63 R13=82 R14=96

R15=75

Luminosity Parameter

Luminous Flux(380-780nm): 1983.46lm Optical Power(380-780nm): 6.037W Efficient(380-780nm): 96.38lm/W

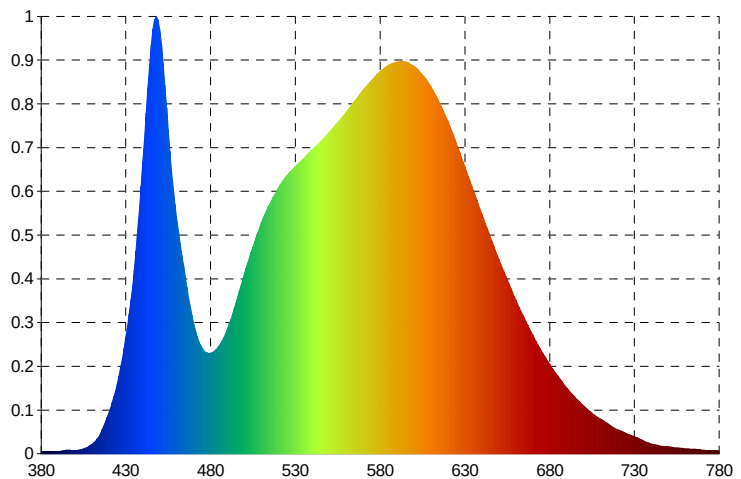
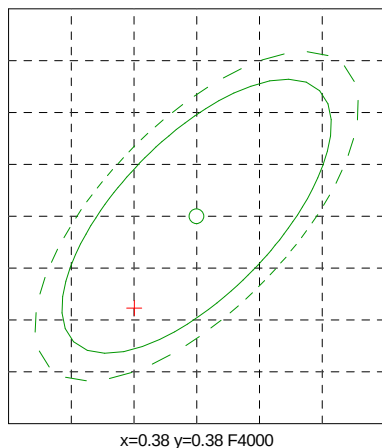
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=159\text{mA}$ Power: $P=20.58\text{W}$ PF: $PF=0.582$

Device State

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

SDCM: 3.348



Product Model: 217B-20w 4000k 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): _____