

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3707$ $y=0.3667$ $u=0.2227$ $v=0.3304$ $Duv=0.0018$

Chroma Coordinate: $u'=0.2227$ $v'=0.4956$

CCT.: CCT=4207K Dominant: $d=578.8\text{nm}$ Barycenter: $b=566\text{nm}$ Peak Wavelength: $p=448.6\text{nm}$

FWHM: 25.48nm Purity: $Pe=21.29\%$ Red Ratio: $R=0.176$ Green Ratio: $G=0.788$ Blue Ratio: $B=0.035$

Color CRI.: $Ra=82.24$

R 1=81 R 2=88 R 3=92 R 4=82 R 5=81 R 6=83 R 7=86

R 8=65 R 9=6 R 10=70 R 11=81 R 12=63 R 13=82 R 14=96

R 15=76

Luminosity Parameter

Luminous Flux(380-780nm): 2008.89lm Optical Power(380-780nm): 6.162W Efficient(380-780nm): 96.72lm/W

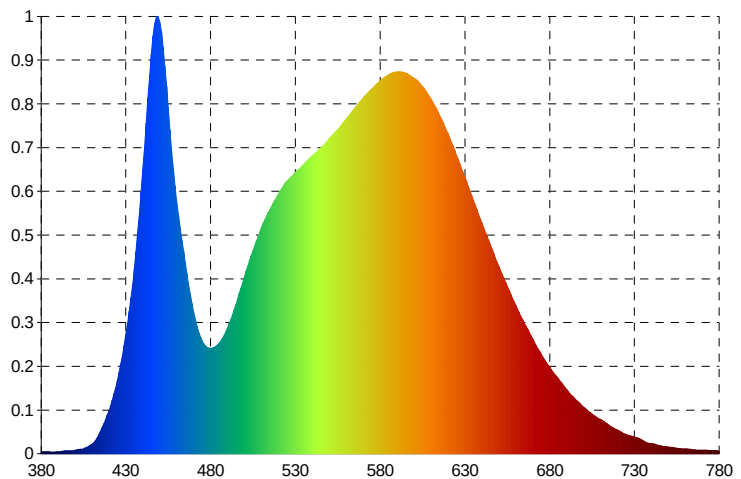
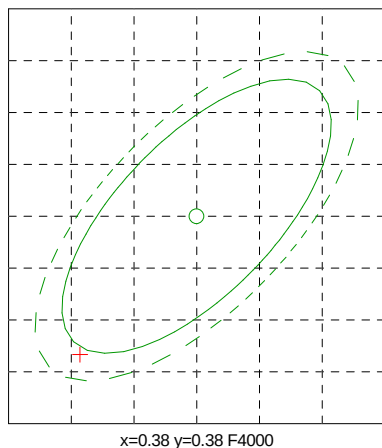
Electric Parameter

Voltage: $U=220.3\text{V}$ Current: $I=161\text{mA}$ Power: $P=20.77\text{W}$ PF: $PF=0.582$

Device State

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

SDCM: 5.201



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