

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4299$ $y=0.3989$ $u=0.2482$ $v=0.3455$ $Duv=0.0010$

Chroma Coordinate: $u'=0.2482$ $v'=0.5183$

CCT.: CCT=3081K Dominant: $d=583.1\text{nm}$ Barycenter: $b=588\text{nm}$ Peak Wavelength: $p=603.6\text{nm}$

FWHM: 135.5nm Purity: $Pe=48.72\%$ Red Ratio: $R=0.226$ Green Ratio: $G=0.749$ Blue Ratio: $B=0.026$

Color CRI: $Ra=83.87$

R 1=83 R 2=91 R 3=97 R 4=82 R 5=83 R 6=89 R 7=84

R 8=62 R 9=12 R10=79 R11=82 R12=72 R13=85 R14=99

R15=76

Luminosity Parameter

Luminous Flux(380-780nm): 666.506lm Optical Power(380-780nm): 2.051W Efficient(380-780nm): 90.93lm/W

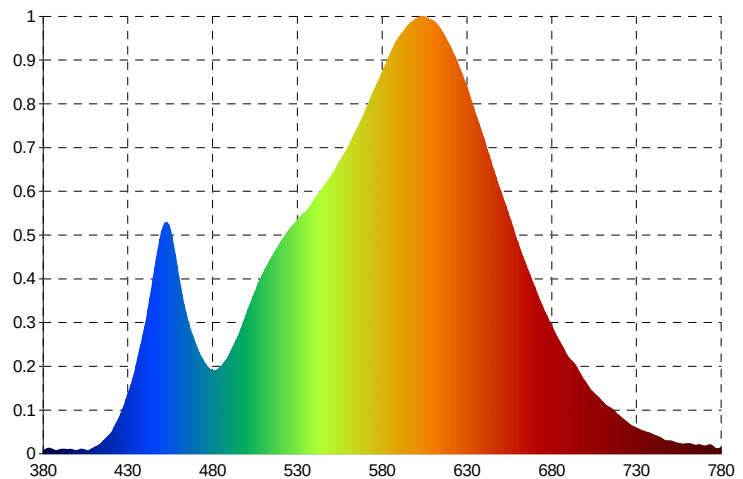
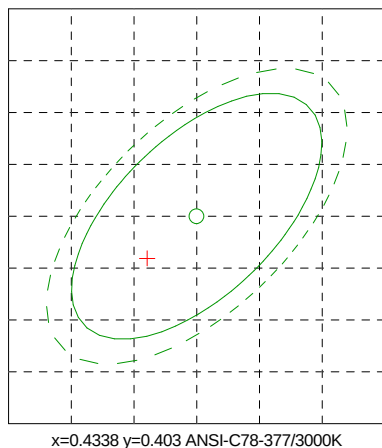
Electric Parameter

Voltage: $U=220.4\text{V}$ Current: $I=63\text{mA}$ Power: $P=7.33\text{W}$ PF: $PF=0.525$

Device State

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

SDCM: 2.089



Product Model: 308C-8W 3000k 2

Sample No.: 1

Test Cond: $Tg=24.2\text{Cels}$ $Ta=24.6\text{Cels}$ $RH=60\%$

Test Date: 2024-7-13

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____