

Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.4373$ $y=0.4076$ $u=0.2493$ $v=0.3485$ $Duv=0.0014$

Chroma Coordinate: $u'=0.2493$ $v'=0.5228$

CCT.: CCT=3021K Dominant: $d=581.8\text{nm}$ Barycenter: $b=590\text{nm}$ Peak Wavelength: $p=602.3\text{nm}$

FWHM: 135.7nm Purity: $Pe=53.7\%$ Red Ratio: $R=0.226$ Green Ratio: $G=0.751$ Blue Ratio: $B=0.023$

Color CRI: $Ra=82.91$

R 1=81 R 2=90 R 3=97 R 4=82 R 5=81 R 6=87 R 7=84

R 8=61 R 9=9 R 10=75 R 11=81 R 12=69 R 13=83 R 14=98

R 15=74

Luminosity Parameter

Luminous Flux(380-780nm): 698.861lm Optical Power(380-780nm): 2.122W Efficient(380-780nm): 86.28lm/W

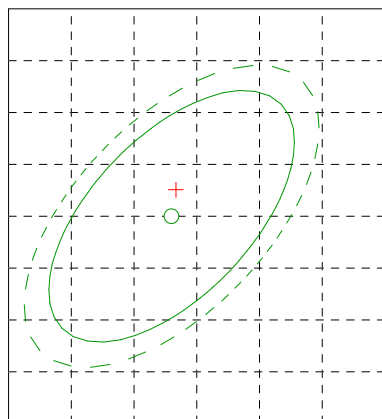
Electric Parameter

Voltage: $U=220.9\text{V}$ Current: $I=37\text{mA}$ Power: $P=8.1\text{W}$ PF: $PF=0.981$

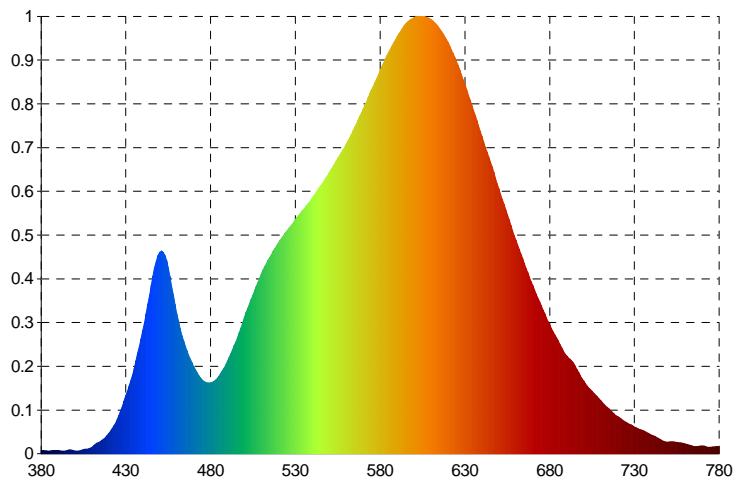
Device State

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

SDCM: 1.189



$x=0.437$ $y=0.405$ 3000K/NEC



Product Model: 217B-8w 3000k-5

Sample No.: 1

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

Test Date: 2024-5-20

Manufacturer: GGL

Product Category: LED

Measure Device: Volnic X-10 Series CCD Spectrum System

Operator(Sign): _____