



Lighting Measure Report

Color Parameter

Chroma Coordinate: $x=0.3713$ $y=0.3691$ $u=0.2221$ $v=0.3312$ $Duv=0.0008$

Chroma Coordinate: $u'=0.2221$ $v'=0.4968$

CCT.: CCT=4207K Dominant: $d=579.1\text{nm}$ Barycenter: $b=565\text{nm}$ Peak Wavelength: $p=447.7\text{nm}$

FWHM: 24.71nm Purity: $Pe=22.18\%$ Red Ratio: $R=0.175$ Green Ratio: $G=0.791$ Blue Ratio: $B=0.034$

Color CRI: $Ra=81.62$

R 1=80

R 2=87

R 3=92

R 4=82

R 5=80

R 6=82

R 7=86

R 8=65

R 9=4

R10=68

R11=81

R12=62

R13=81

R14=96

R15=74

Luminosity Parameter

Luminous Flux(380-780nm): 3298.74lm Optical Power(380-780nm): 10.04W Efficient(380-780nm): 83.34lm/W

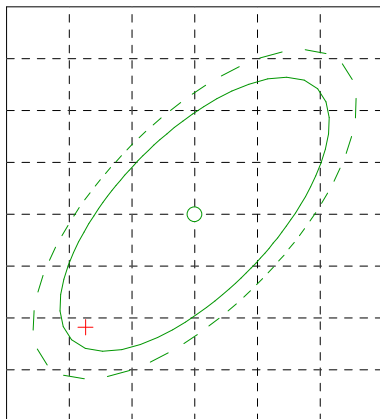
Electric Parameter

Voltage: $U=220.7\text{V}$ Current: $I=290\text{mA}$ Power: $P=39.58\text{W}$ PF: $PF=0.617$

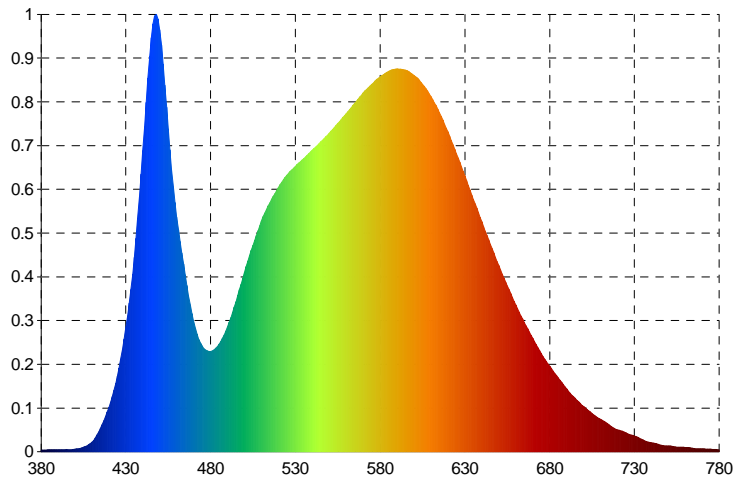
Device State

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

SDCM: 4.473



$x=0.38$ $y=0.38$ F4000



Product Model: 217B-40w 4000k 3

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): _____